## TOSHIBA

## SERVICE MANUAL  <br>  LCD TV/DVD COMBINATION

## 20HL V86



The above model is classified as a green product (*1), as indicated by the underlined serial number. This Service Manual describes replacement parts for the green product. When repairing this green product, use the part(s) described in this manual and lead-free solder (*2).

For (*1) and (*2), see the next page.

## (*1) <br> GREEN PRODUCT PROCUREMENT

The EC is actively promoting the WEEE \& RoHS Directives that define standards for recycling and reuse of Waste Electrical and Electronic Equipment and for the Restriction of the use of certain Hazardous Substances. From July 1, 2006, the RoHS Directive will prohibit any marketing of new products containing the restricted substances.

Increasing attention is given to issues related to the global environmental. Toshiba Corporation recognizes environmental protection as a key management tasks, and is doing its utmost to enhance and improve the quality and scope of its environmental activities. In line with this, Toshiba proactively promotes Green Procurement, and seeks to purchase and use products, parts and materials that have low environmental impacts.

Green procurement of parts is not only confined to manufacture. The same green parts used in manufacture must also be used as replacement parts.

## (*2)

## LEAD-FREE SOLDER

This product is manufactured using lead-free solder as a part of a movement within the consumer products industry at large to be environmentally responsible. Lead-free solder must be used in the servicing and repair of this product.

## WARNING

This product is manufactured using lead free solder.

## DO NOT USE LEAD BASED SOLDER TO REPAIR THIS PRODUCT !

The melting temperature of lead-free solder is higher than that of leaded solder by $86^{\circ} \mathrm{F}$ to $104^{\circ} \mathrm{F}$ $\left(30^{\circ} \mathrm{C}\right.$ to $\left.40^{\circ} \mathrm{C}\right)$. Use of a soldering iron designed for lead-based solders to repair product made with lead-free solder may result in damage to the component and or PCB being soldered. Great care should be made to ensure high-quality soldering when servicing this product - especially when soldering large components, through-hole pins, and on PCBs - as the level of heat required to melt lead-free solder is high.

TOSHIBA AMERICA CONSUMER PRODUCTS, L.L.C. Head Office
Head Office Road, Wayne, NJ 07470
National Service Division
420B Toshiba Drive, Lebanon, TN 37087

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CableClear, Col
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LC $\mathbf{V D}$ ' and Game Timer are trademarks of Toshiba America Consumer Products, L.L.C.

TOSHIBA



NOTE TO CATV INSTALLERS





Child Safety
It Makes A Differenc
Where Your TV Stands


As you enioy your new $T V$, keep these safety tips in mind The Issue

 - The home theieie enter
Ths are popurar uncrim
the proper TV Stands.
N.eiten

Toshiba Cares
Toshiba Cares



Tune Into Safety










# Owner's Manual LCD TVIDVD Combination 



FCC compliance information
CAUTION: TO PREVENT ELLECTRIC SHOCK DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE Federal Communications Commission
equipment complies with Part 15 of the FCC rules.
FCC Declaration of Conformity Compliance Statement (Part 15)
The Toshiba 20HLV866, LCD TVIVVD Combination complies with Part 15 of the FCC rules. Operation is subject to the
following two conditions: (1) this device may not cause harmul interierence, and (2) this device must accept any
interierence received, including interference that may cause undesired operation. The party responsible for compliance to these rules is:
Toshiba America Consumer Products, L.L.C.
82 Totowa Rd. Wayne, NJ 07470 .
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonnable protection against harrmful interference in a residential accordance with the instructions, may cause harmulu interference to radio communications. However, there is no guarant
that interference will not occur in a particular instalalition. If this equipment does cause harmul interference to radio or
 try to correct the interference by one or more following measure
Reorient or relocate the receiving antenna ncrease the separation between the equip
the equipment and nie receiver. Connect the equipment into an outlet on a circuit difierent from tha
Consult the dealer or an experienced radio(TV technician for helo.
CAUTION: Changes or modifications to this equipment not expressly approved by Toshiba could void the user's authority to operate this equipment.

CAUTION:
THIS DIGITAL LIDEO PLAYER EMPLOYS A LASER SYSTEM. TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ
THIS OWNER'S MANUAL CAREFUHY AND RETAIN FOR THIS OWN ER'S MANUAL CAREFUTLY AND E ETAINFO
FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION.
USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE FF PROCEDURES OTHER THAN THOSE SPECIIIED HEREIN
MAY RESULT IN HAZARDOUS RADIATON EXPOSURE. TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT RYY TO OPEN THE ENCLOSURE VIIIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE I S OPENED. DO
NOT STARE INTO BEAM


CERTIFICATION: COMPLIES WITH FDA RADIATION

## ON DISPOSAL

This product contains mercury. Disposal of mercury may be regulated due to environmental con iderations. For disposal or recycling information, please contact your local authorities or the sideratronic Industrial Alliance: www.eiae.org
Ele

installation (cont. from previous page) 26) Always make sure the antenna system is properly
grounded to provide adequate protection against voltage urges and built-up static charges (see Section 810 of the National Electric C

27)
n p position where your body (or any it

$$
\begin{aligned}
& \text { driver) can accidentally touch overhead } \\
& \text { power liens. Never locate the antenna } \\
& \text { near overhead power lines or other }
\end{aligned}
$$

$$
\begin{aligned}
& \text { near overhead pow } \\
& \text { electrical circuits. }
\end{aligned}
$$

## Care

For better performance and safer operation of your TOSHIBA
TV. follow these recommendations The TV before
cleaning.

 Avoid contact with alcololol, thine $\qquad$ cleaners, or chemical cloths, as the surface may be
impaired 29) WARNING: RISK OF ELECTRIC SHOCK!
Never spill liquids or push objects of any
kind int te The Taint slots.
cables or apparatus. power surges, always unplug the power cord and power surges, always unplug the power cord and
disconnect the antenna from the TV if you leave the TV unattended or unused for long periods of time. During normal use, the TV may make occasional snapping or popping sounds. This is normal, especially when
the unit is being turned on or off. If these sounds become frequent or continuous, unplug the power cord and
contact a Toshiba Authorized Service Center

Care (cont. from previous column) 3) Possible Adverse Effects on TV display If fixed (hor-meving) pattern or image remains on the TV dis for extended periods of time, the image can become
permanently ingrained in the display of the TV and cause subtle but permanent ghost images.
This type of damage is NOT COVERED BY Your WARRANTY. Never leave the TV on for extended periods of time w it is displaying the following images or formats: Fixed (non-moving) images including but not
limited to PIP/POP windows, closed captions, video game patterns, TV station logos, stock tickers, and bites.
special formats that do not use the entire screen, widescreen or letterbox to
widescreen or letterbox
format media viewed on a aspect media viewed on a $4: 43$ black bars at the e op and bottom
of the screen) and $4: 3$ aspect tho format media viewed on a widescreen /16:9 aspect ratio display (with gray or black bars on the left
and right sides of the screen.) 4) Keep your fingers well clear of the disc slot as it is closing. Failure to do so may cause serious personal 35) When you use headphones, keep the volume at a moderate level. Using headphones co
$\overline{36)}$ Do not look into the opening of the disc slot or ventilaton opening of the product to see the sour
beam. Doing so may cause sight damage.
37) Do not use a cracked, deformed, or repaired disc. These injury and product malfunction.
) Dy and product malfunction.
8) Do not press on or jolt the LCD panel. Doing so may
cause the LCD panel glass to break and injury may occur. Should the LCD panel be broken and liquid leaks out do not inhale or swallow it. Doing so may cause poisoning. If you have got it into your mouth, wash it out
and consult your doctor. If your hands or clothes have touched it wipe them with alcohol and a cleaning cloth

## Service

39) WARNING: RISK OF ELECTRIC SHock: Never attempt to service the TV yourself.
Opening and removing the covers may expose you to dangerous voltage or or other hazarards. Re
```
0) If you have the TV serviced:
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Ask the service technician to use on
parts specified by the manufacturer.

- ion completion of service ask the.
perform routine safety checks to determine that the
N is in safe operating condition

41) When the TV reaches the end of its useful life, ask a qualified service technician to properly dispose of the TV.

Precautions
Important notes about your LCD TV
following symptoms are technical limitations of LCD Display technology and are not an indication of perceived defects resulting from these symptoms.

1) An afterimage (ghost) may appear on the screen if a
fixed, nonmoving image is displayed for a long period of fixed, nonmoving image is displayed for a long period
time. The afterimage is not disappear in a short period of time.
2) The $L C D$ panel contained in this $T V$ is manufactured using an extremely high level of precision technology; however,
there may be an occasional pixel (dot of light) that does not operate property (does not light, remains constantly
lit, etc.). This is a structural property of LCD technology lit. epee.). Thin sis a structural property of LCD technology,
is not a sign of malfunction, and is not covered under your warranty. Such pixels are not visible when the picture is viewed from a normal viewing distance. "gun" type of joystick at an onscreen target may not

## Notes on handling

- Do not subject the LCD panel to physical shock, such as dropping it It may cause unit damage and malfunction. When shipping the unit, the original shipping carton an
packing materials come in handy For fully protection packing materials come in handy. For fully protection,
repack the unit as it was originally packed at the factory,
-Do not use volatiles liquids such as insecticicide, near the unit. Do not leave rubber or plastic products in contact with the unit for prolonge
leave marks on the finish. The top and rear panels of the unit may become war
after a long period of use. This is not a malfunction When the unit is not in use, always remove the disc and - If you do not use the
- If you do not use the unit for a long period, the unit may
not function properly in the future. Turn on and use the unit occasionally.

Notes on locating the unit
When you place this unit near a TV, radio, or VCR, the playback picture may become poor and he sound mas LV
TV, radio, or VCR.
-To avoid damage to this product, never place or store he TVDVV in direct sunlight; hot, humid areas; or areas
subject to excessive dust or vibration

Notes on moisture condensation
Moisture condensation damages the unit. Please read Moisture condensation
the following carefully.

Moisture condensation occurs, for example, when you water form on the outside of the glass. In the and drops moisture may condense on this unit's internal optical pick up lens, one of the most crucial internal parts of the unit.


Moisture condensation may occur in the following situations:
area your area.
When
just turned on. When you use the unit in an area where cold air from an air conditioner directly hits the unit.
When you use the unit in a humid area.


Never use the unit when moisture condensation may

Using the Uiss and moisture condensate exists damage discs and internal parts. Remove the disc, on the unit, and leave it for two or three hours. After two
or three hours, the unit will have warm. or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the
wall outlet and moisture condensation will seldom occur.


Note on cleaning
Use a soft, dry cloth for cleaning.

- Do not use any type of solvent, such as thinner and benzine, as they may damage the surface of the unit.


## Notes on discs

On handling discs
Fo not touch the playback side of the disc.
For example, handle the disc so that it is shown in


Do not attach paper or tape to discs.


On cleaning discs
Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the cent
a soft cloth. Always keep the disc clean.


Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray for vinyl

## On storing discs

Do not store discs in a place subject to direct sunlight or
Do not store discs in places subject to moisture and dust such as a bathroom or near a humidififier Store discs vertically in a case. Stacking or placing
objects on discs outside of their case may cause warping.
structure of disc contents
Normally, DVD video discs are divided into titles, and the les are subdivided into chapters. Video CDs and Audio DVD video disc


Video CD/Audio CD


Each title, chapter or track is assigned a number, which is
called "title number", "chapter number" or "track number" called "title number", "chapter number" or "track number" Some discs may not have these numbers.

## Notes on copyright

The unauthorized recording, use, distribution, or revision of television programs, video tapes, DVDs,
and other materials is prohibited under the Copyright
Laws of the United States and other countries, and Laws of the United States and other countries, and
may subject you to civil and criminal liability.
This product incorporates copyright protection technology and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of
his copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise
authorised by Macrovision Corporation. Reverse authorised by Macrovision Corporation. Reverse engineer-

About this owner's manual
This owner's manual explains the basic instructions of this
unit. Some DVD video discs are produced in a manner unit. Some DVD video discs are produced in a manner
that allows specific or limited operation during playback. As such, the unit may not respond to all operating commands. This is sot a defect in the unit. Refer to The follow
operation.

## means that the

 For example, sometimes it is unable to stop the playbac button is pressed. Alternatively, this symbol may als indicate that the feature is not available for the disc.
## otes on region numbers

The region number of this unit is 1 . If region numbers, which stand for their playable area, are printed on your Dlayback will not be allowed by the player. (In this case, he unit will display a message on-screen.) Some DVDs that have no region code label may still be

## On Video CDs

he DVD player contained in this LCD TV supports Video CDs equipped with the PBC (Version 2.0) functio Sion two playback variations depending on types of diss

## Video CD not equipped with PBC function

 (Version 1.1)Sound and movie can be played on this DVD in the Video CD equipped with PBC functio (Version 2.0)
In addition to operation of a Video CD not equipped with software with search function by using the interactive displayed on the TV screen (Menu Playback). Some the functions described in this owner's manual may not work with some discs.

Playable discs
This unit can play the following discs.

|  | Disc Mark | Contents | $\begin{aligned} & \hline \text { Disc } \\ & \text { Size } \end{aligned}$ | $\begin{array}{c\|} \text { Maximum } \\ \text { playback time } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { DVD } \\ & \text { video } \\ & \text { discs } \end{aligned}$ | $\begin{aligned} & D V D \\ & \text { VIDEO } \\ & D V D \end{aligned}$ | $\begin{array}{\|c} \hline \text { Audio } \\ + \\ \text { Video } \\ \text { (moving } \\ \text { pictures) } \end{array}$ | 12 cm | Approx. 4 hours (single sided disc) |
|  |  |  |  | $\begin{array}{\|c} \text { Approx. } 8 \text { hours } \\ \text { (double sided disc) } \end{array}$ |
|  |  |  | 8 cm | Approx. 80 minutes (single sided disc) |
|  |  |  |  | Approx. 160 minutes (double sided disc) |
| Video CDs |  | $\begin{gathered} \text { Audio } \\ \vdots \\ \text { Video } \\ \text { (moving } \\ \text { pictures) } \end{gathered}$ | 12 cm | Approx. 74 minutes (single sided disc) |
|  |  |  | 8 cm | Approx. 20 minutes (single sided disc) |
| $\begin{aligned} & \text { Audio } \\ & \text { CDs } \end{aligned}$ |  | Audio | 12 cm | Approx. 74 minutes (single sided disc) |
|  |  |  | 8 cm | Approx. 20 minutes (single sided disc) |

The following discs are also available.

- DVD RRW discs of DVD video form
 - Komak Picture CD and FUJICOLOR CD format






 unit
Because of problems and errors that can occur during the
creation of VDD and CD Software andor the manutacture of DVD
and

 this $\mathrm{TV}, \mathrm{p}$
OR
is a


## 8


 Using the CableClearp feature Resetting your picture adjustments Adjusting the sound. Selecting stereo/SAP broad............... Adjusting the sound quality ..... Resetting your audio adjustments
Using the StableSound Using the surround sound feature Selecting the HDMI audio input sou Adjusting the back lighting feature
 Picture/Audio adjustments in PC mode Resetting your picture/audio adjustments in
PC mode.........................

laying in fast reverse or fast forward direction laying frame by frame ocating a chapter or track
Zooming .....................
Marking desired scenes
Marking the scenes. Retuning to the scenes
Repeat playback.....
Program playback...
Random playback
Title selection
DVD menu ....
Changing soundtrack languagage
Disc status
To turn off the PBC ....................................
MP3/WMA/JPEG/DivX and Audio CD operation
MP3/WMA/JPEG/Div* and Audio CD operatio
MP3/WMA CD and Audio CD playback PEG CD playback.. ${ }^{\text {Divx }}{ }^{\circ}$ CD playback............


Repeat playback
Random playback
Program plabback
DVD tunction setup.

Appendix.
Language code list
roubleshootin
imited United States.e. Warranty

## Selecting a location for the TV/DVD

Place the TV/DVD on the floor or on a sturdy plattorm in a location

- Place the TV/DVD far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which
may damage the TV/DVD.


## Connecting your TV/DVD

A coavia cabe is he standard antenna or cable converter box. Coaxial cables use " F " connectors. Standard $\mathrm{A} V$ (audio/video) cables are usually color coded according to use: yellow for video and red and white for audio. The red
audio cable is for the stereo right channel and the white audio cable is for the stereo left (or mono) channel. If you look at the rear panel of the TV/DVD, you will see that the terminals are color coded in the same manner as the cables.
$S$-video cables provide better picture performance than standard video cables. S-video cables can only be used with S-video Component video cables provide better picture performance than S -video cables. Component video cables can only be used with component video compatible components.
video equipment that has HDMI output (see page 17)


Connecting a VCR
This connection allows you to watch local channels and video program play or record on
channel while watching another channel.


If using a mono $V C R$, connect $L$ Mono to For better picture quality, if your VCR has $S$. video, you can use an $S$-video cable instead of the standard video cable. Do not connect a standard video cable and an $S$-video cable to
VIDEO-1 simultaneously.

The unauthorized recording, use, distribuvion or revision of television programs,
videotapes, DVDs, and other materials is prohibited under the Copyright Laws of the United States and other countries, and may
subject you to civil and criminal liability.

## Connecting a cable converter box or Antenna

This television has an extended tuning range and can tune most cable channels without using a cable company supplied converter box. Some cable companies offer "premium pay channels" in which the signal is
scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device, which is generally provided by the cable company.
Option 1: For Subscribers to Basic Cable TV Service For basic cable service not requiring a Converter/Descrambler box,
connect the incoming 75 ohm Coaxial Cable directly to the Antenn Jack on the back of the television.
Option 2: For Subscribers to Scrambled Cable TV Service If you subscribe to a cable service that requires the use of a Converter Descrambler box, connect the incoming cable to the Converter/ Descrambler box and connect the output of the box to the Antenn Jack on the back of the televisision. Follow the connections shown below. Set the television to the output of the Converter/Descrambler
box (usually channel 3 or 4 ) and use the Converter/Descrambler box to select channels.
Option 3: For Subscribers to Unscrambled Basic Cable with Scrambled Premium Channels
you subscribe to a cable service in which basic cable channels are unscrambled and premium channels require the use of a Converter/ Descrambler box, you may wish to use a two-set signal spiltter (someimes called a "two-set coupler") and an A/B Switch box from the cable installer or an electronics supply store. Follow the connections show
below. With the switch in the "B" position, you can directly tune any nonscrambled channels on your TV/DVD. With the switch in the "A" position, tune your TV/DVD to the output of the Converter/Descrambler (4) (hanne box to tune scrambled channels.

Note:
Then you use a converter box with your TV/ VD, there may be features that you cannot labeling channels, blocking channels, and rogramming your favorite channels.

Connecting a satellite receiver and a VCR
This connection allows you to watch satellite, VCR, or TV programs. TV channel while watching another channel.


You will need:

- three coaxial cable - two sets of standard AV cables

Note:
You can use a standard video cable instead of the $S$-video cable, but the picture quality
will decrease. If you use an $S$-video cable between the TVIDVD and DVD player/satellis receiver, make the audio connections but emove the standard video cable. Do not onnect both an $S$-video and a standard video cable to VIDEO1 at the same time or

The unauthorized recording, use, distribution or revision of television programs videotapes, DVDs, and other materials is
prohibited under the Copyright Laws of the prohibited under the Copyright Laws of the
United States and other countries, and may Uniied States and other countries, and may
subject you to civil and criminal liability.

Connecting a DVD player with ColorStream ${ }^{\circledR}$ (component video) and a VCR
nis connection allows you to watch DVD, VCR, or TV programs and ecord TV programs. You can record from one source while watching program from another source. Your TVIDVD is capable of using
ColorStream (component video). Connecting your TV/DVD to a component video compatible DVD player, such as a Toshiba DVD player with ColorStream", can greatly enhance picture quality and performance.

From Cable

Connecting a DTV receiver/set-top box with ColorStream ${ }^{\oplus}$ (component video) and a VCR

This connection allows you to watch DTV (digital TV), VCR, and TV ograms, and record DTV and TV programs Or TV/DVD to a DTV receiver with enhance picture quality and realism.


You will need:

- three coaxial cables
- two sets of standard $\mathrm{A} / \mathrm{V}$ cables
one set of standard audio cable - one set of component video cables

Note:
The ColorStream HD jacks and HDMI jock can be used with Progressive (480p, 720p) and interlaced (480i, 1080i) scan systems. If your DTV receiver does not have compo nent video, use the $S$-video and standard audio connections instead. Do not connect
both an S-video and a standard video cable both an $S$-video and a standard video cable
to VIDEO1 at the same time or the picture performance will be unacceptable. por an HDMI connection, see page 17.

The unauthorized recording, use,
distribution, or revision of television programs, videotapes, DVDs, and other materials is prohibited under the Copyright Laws of the United States and other countries, and may s.
civil and criminal liability.

You will need:
two coaxial cables
one set of standard $\mathrm{A} / \mathrm{V}$ cables
one set of component video - one pair of standard audio cables

Note:
The Colorstream HD jacks can be used with trogressive (480p, 7200) and Interlaced
480i, 1080i) scan systems. A 1080i signal wi provide the best picture performance.
The unauthorized recording, use, distribu-
tion or revision tion or revision of television programs,
videotapes, DVDs, and other materials is videotapes, DVDs, and other materials is
prohibited under the Copyright Laws of the
subject you to civil and criminall liability.


## Connecting a camcorder

This connection allows you to watch videos recorded on a camcorder.
You will need:
one set of standard AV cables


You will need:
one S -video cable

- one pair of standard audio cable

Note:
For better picture quality, if your camcorder has $S$-video, you can use an $S$-video cable
polus the standard audio plus the standard auld
standard video cable.
Do not connect both a standard video cable
and an $S$-video cable at the same time or the picture performance will be unacceptable.

Connecting an amplifier equipped with a Dolby ${ }^{\text {® }}$ Digital decoder
Dolby Digital
Dolby Digital is
showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs encoded via the Dolby Digital recording
system with this dynamic realistic sound by system with this dynamic realistic sound by connecting the TV/DVD to Digital processor. If you have a Dolby Surround Pro Logic decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1 -channel Dolby Digital soundtracks, as well as from titles

TV/DVD back pane


Connecting an amplifier equipped with a DTS ${ }^{\circledR}$ decoder
Digital Theater Systems (DTS)
DTS is a high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs. DTS end sound track can blain the full benefit of 5.1
CDs.
back panel


You will need:

Notes
DO NOT connect the COAXIAL DIGITAL AUDIO OUT jack of the TVIDVD to the AC-3 RF input of a Dolby Digital Receiver. This input on your $A V$ Receiver is reserved for Laserdisc use only and is incompatible with the TVIDVD. Connect the COAXIAL DIGITAL AUDIO OUT jack of the TVIDVD to the "COAXIAL" input of a Receiver or Processor.
Refer to the owner's manual of the connected equipment as well. The output sound of the TV/DVD has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening damaged by a sudden high volume so Turn off the amplifier before you connect or disconnect the TV/DVD's power cord. If you leave the amplifier
may be damaged.
Manufactured under license from Dolby Laboratories. Dolby, Pro Logic, and the
double-D symbol are trademarks of Dolby Laboratories.
You will need:
Notes
Connect the COAXIAL DIGITAL AUDIO input of a Receiver or Processo Refer to the owner's manual of the connected equipment as well. The output sound of the TVIDVD has a wide dynamic range. Be sure to adjust the
receiver's volume to a moderate listen level. Otherwise, the speakers may be damaged by a sudden high volume sound. Turn off the amplifier before you connect or
disconnect the TVIDVD's power cord. If you leave the amplifier power on, the speakers may be damaged.

## DTS and DTS Digitar Out are trademarks of Digital Theater Systems, Inc.

## Connecting an HDMI ${ }^{\text {TM }}$ or a DVI device

The HDMI input on your TV receive digital audio and
uncompressed digital video from an HDMI source device,
uncompressed digital video from a DVI (Digital Video Interface)
source device.
This input is designed to accept HDCP (High-Bandwidth DigitalContent Protection) program material in digital form from EIA/ CEA- $861 / 861 \mathrm{~B}$-compliantlil consumer electronic devices (sU
as a set-top box or DVD player with HDMI or DVI output) The HDM input is desiged for The HDMI input is designed for best performance with high
definition video signals. They will accept and display 480i, 480p, 720 p and 1080 i signals.

[1] EIA/CEA-861/861B compliance covers the ransmission of uncompressed digital video with high standardized for reception of high-definition video signals.
Because this is an evolving technology, it is possible
that some devices may not operate properly with the that some devices may not operate properly with the
TV.

To ensure that the HDMI or DVI device is reset prop erly, it is
dures:

When turning on your electronic components, turn on
he TV/DVD first, and then the HDMI or DVI device. When turning off your electronic components, turn off
the HDMI or DVI device first, and then the TV/DVD.


SDMI, the HDMI logo, and High-Definition Multimedia ed trademarks of HDMI

17

Connecting an amplifier equipped with an

## MPEG audio decoder

MPEG2 sound
You can enjoy motion picture and live concert DVD video discs encoded via the MPEG2 recording system with dynamic realistic sound
by connecting an amplifier equipped with an MPEG2 audio decoder or by connecting an ampififer
MPEG2 audio processor.
TV/DVD back panel


You will need:

- one coaxial
Notes:
Connect the COAXIAL DIGITAL AUDIO OUT jack of the TVIDVD to the "COAXIAL input of a Receiver or Processor.
Refer to the owner's manual of the connected equipment as well. The output sound of the TVIDVD has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening
level. Otherwise, the speakers may be level. Otherwise, the speakers may be
damaged by a sudden high volume sound Turn off the amplifier before you connect or disconnect the TVIDVD's power cord. If you may be damaged.

Connecting an amplifier equipped with a digital audio input
2 channel digital stereo
You can enjoy the dynamic sound of 2 channel digital stereo by connecting an amplifier equipped with a digital audio input and speake system (right and left tront speakers).

## TVIDVD back panel




CM audio is limited to DVD or CD playback.
Connect the COAXIAL DIGITAL AUDIO OUT jack of the TVIDVD to the "COAXIAL" Refer to the owner's manual of the connected equipment as well. The output sound of the TVIDVD has a wide dynamic range. Be sure to adjust the
receiver's volume to a moderate lister level. Otherwise, the speakers may be level. Otherwise, the speakers may be
damaged by a sudden high volume sound. Turn off the amplifier's before you connect you leave the amplifier power on, the speakers may be damaged.

Connecting a PC (personal computer) Before you connect this TVDVD to your PC, change the adjustment of on right.
Connect one end of a (male to male) VGA cable to the video card of the computer and the other end to the VGA connector PC at the side of the TV/DVD. Fix the connectors firmly with the screws on the plug. In outputs of your Multimedia computer and to the AUDIO L and R connectors of the PC IN jacks of the TV/DVD.
Set the video input source to PC mode (see "Selecting the video input source" on page 31 and "Picture/Audio adjustments in the PC mod
on page 43). The TV/DVD can be used as a computer monitor.


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You will need:
one VGA (15-pin) computer cable

- one PC audio cabl

| Monitor display modes |  |  |
| :---: | :---: | :---: |
| Mode | Resolution | Refresh |
| VGA | 640×480 | 60 Hz |
| VGA | $720 \times 400$ | 70 Hz |
| WVGA | $848 \times 480$ | 60 Hz |
| SVGA | 800x600 | 60 Hz |
| XGA | 1024×768 | 60 Hz |
| WXGA | $1280 \times 720$ | 60 |
| WXGA | 1280x768 | 60 Hz |
| WXGA | 1360x768 | 60 Hz |
| Notes: |  |  |
| - Some PC models cannot be connected to this TV. |  |  |
| - An adapter is not teeded for computers with a |  |  |
| DOS/V compatible mini $D$-sub 15 -pin terminal. <br> - The on-screen displays will have a different |  |  |
| appearance in PC mode than in TV mode. |  |  |
| - If your PC display output corresponds to a WVGA or a WXGA resolution as indicated in |  |  |
| WVGA or a WXGA resolution as indicated the chart above (example: WXGA $1360 \times$ |  |  |
| 768), you must set the WVGA INPUT or WXGA INPUT to the ON position in the PC |  |  |
|  |  |  |
| Picture menu in the TV (see page 43). |  |  |
| NOTE: DO NOT CONNECT A PC USING THE HDMI INPUT. <br> ALWAYS use the VGA port provided to connect a PC |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Learning about the remote control
POWER turns the TV/DVD on and off
EJECT eject a disc (page 45)
TV/DVD switches between TV/Video input/PC and DVD
CHANNEL NUMBERS allow direct access to channels
$\mathrm{CH} \wedge / \checkmark$ cycles through programmed channels (page 24)
OL $+/-$ adjusts the volume leve
ENTER sets programmed menu information (page 23)
EXIT/CANCEL exits programming menus or resets information in the menu (pages 23, 47)
NPUT selects the video input source (page 31)
PIC SIZE cycles through the five picture sizes: Natural, TheaterWide
eaterWide 2, TheaterWide 3 and full (page 33)
AME game mode (page 24)
MENU/SETUP allows access to programming menus (page 23)
ISPLAY displays status information on-screen (page 42)
LEEEP programs the TV/DVD to turn off at a set time (page 37)
MUTE turns off the sound (page 40)
CLOSED CAPTION switch between TV/Caption/Text in Closed
Caption mode (page 37)
SUBTITLE sets subtitle (page 52)
AUDIO SELECT switches the sound of TV/DVD and changes sound
rack languages (page 52)
DVD MENU allows ac
JPEG (pages 51,56)
TOP MENU allows access to DVD Top menu or display a file browser screen for JPEG (pags 51,56 )
PLAY MODE sets repeat playback (page 49)
RETURN clears DVD setup menu (page 59)
MARKER index of DVD/VCD (page 48)
ANGLE changes playback angle (page 51
JUMP locates the desired point to play back (page 47
CH RTN returns to the last viewed channel (page 25),
ZOOM allows you to zoom in on the frame image (page 47)
SKIP $1 / 4 />1$ skips chapter/track (page 46)
FF fast forwards a DVD, VCD, CD Audio, forwards playback LAY plays a DVD, VCD, CD Audio
REV rewinds a DVD, VCD, CD Audio, reviews playback
TOP stops a DVD, VCD, CD Audio
PAUSE pauses a DVD, VCD, CD Audio
SLOW $\mathbf{4} / 1 \boldsymbol{1}$ plays forward/reverse slowmotion


## Starting setup

The STARTING SETUP feature appears the first time you turn on the
TV/DVD, and helps you select the menu language specity the TV/
TV/DVD, and helps you select the menu language, specify the TV/
CABLE setting, and program channels automatically. CABLE setting, and program channels automatically. connected.

1. Press POWER to turn on the TV/DVD. The starting setup function begins and the language setup menu appears on the screen. begins and the language setup menu
Press $\mathbf{\Delta}$ or to select your desired language, then press ENTRR.
2. Press $\triangle$ or $\boldsymbol{\nabla}$ to select "TV" or "CABLE", then press ENTER.
3. Press $\mathbf{~}$ O or $\mathbf{\nabla}$ to select "START then press ENTER. If you select
 CANCEL" and press ENTER, the
TABTING SETUP
Now the "CH PROGRAM" starts. After the starting setup is
completed, the TV channel appears on the screen.

- If you press the EXIT button in the process of "CH PROGRAM" the STARTING SETUP stops and changes to the TV screen.
After you have installed the batteries and programmed the remote control, you need to set some preferences on the TV/DVD using the menu system. You

When you make a menu selection, your changes are immediate
You do not have to press MENU or EXIT to see your changes.

- After one minute, the menu screen will automatically close if you do
-When you have finished programming the menus, press EXIT


## Changing the on-screen display languag

You can choose from three different languages (English, French and Spanish) for the on screen displays. Adjustment menus and messages will appear in the language of your choice.

To select a languag


Adding channels to the TV／DVD＇s memory
When you press $\mathrm{CH} \widehat{\wedge}$ ，your TV／DVD will stop only on the channels you have stored in the TV／DVD＇s channel memory．Follow the

## Programming channels automatically

Your TV／DVD can automatically detect all active channels and store emory automatically you can add or erase channels manally o add channels automatically：
1．Press MENU，then press $\langle$ or $>$ to display the SETUP menu 2．Press $\Delta$ or $\mathbf{\nabla}$ until the TV／CABLE
3．Press $\mathbf{4} \boldsymbol{\text { or }} \boldsymbol{>}$ to highlight either TV or CABLE，depending on which you use．
If you use an antenna，choose TV．


4 Press $\mathbf{V}$ until the CH PROGBAM
4．Press $\boldsymbol{\nabla}$ until the CH PROGRAM selection is highlighted
5．Press $\mathbf{4} \mathrm{r}$ to automatically cycle through all the TV or Cable channels （depending on which you selected），and store all active channels
in the channel memory． in the channel memory．
While the TV／DVD is cy
While the TV／DVD is cycling through the channels，the message
＂PROGRAMMING NOW－PLEASE WAIT＂appears．
6．When channel programming is complete，the message＂COMPLETED
7．Ppess CH $\wedge \wedge$ to view the programmed channels．
Adding and erasing channels manually
After you have programmed the channels automatically，you can add or erase specific channels manually．
1 Select the channel you want to addy：
must select the channel to add using the Channel Number buttons
2．Press MENU，then press $\langle$ or to display the SETUP menu．
3．Press $\boldsymbol{A}$ or $\boldsymbol{V}$ to highlight ADD／
4．Press $\varangle$ or to select ADD or
ERASE，whichever function you
ERASE，whichever function you
5．Repeat steps $1-4$ for other channels


Changing channels
To change to the next programmed channel control．
change to a specific channel（programm ol Press the Channel Number buttons（ $0-9$ and 100 ）on the remote contro For example，to select channel 125 ，press 100， 2,5 ．
Game mode
After connecting a TV Game to the unit，press GAME．The TV screen
changes to the Game mode
your eyes
If GAME is pressed during standby mode，the unit turns on automatically and the Game mode screen appears on the scree


In addition to cycling through your programmed channels，the $\mathrm{CH} \widehat{/}$ bitpons wiil also cycle through the video
input sources（page 31）in the order illustrated below．


Using the LOCKS menu
Note ：The V－Chip feature is available for the U．S．V－Chip system nly．The Canad C － blocking them using the V －Chip feature．

## Selecting a password

Before you can use the V －Chip Feature to block programs and chan others from changing the rating limits you set．
To select your password and access the LOCKS menu：
Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to display the password entering mode．


3．Use the Channel Number buttons（0－9）to enter your password If you are accessing the LOCKS menu for the first time，select a four－digit number to be your password．Press ENTER．

scuectio．en muten

4．Enter the password again to confirm it，and then press ENTER If the wrong password is entered，＂ERROR＂blinks about 4
$\qquad$
5．You may now set up the LOCKS menu．See＂Using the $V$－Chip （parental control）feature＂（page 27），＂Locking channels＂（page 28），
＂Locking the video inputs＂（page 28），＂Setting the GameTimer （page 29）or＂Using the panel lock feature＂（page 29）．
To change your password：
change your password：
1．Press MENU，then press 4 or $>$ to display the LOCKS mest
2．Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to display the password entering mode．
3．Use the Channel Number buttons（ $0-9$ ）to enter your password．
Press ENTER．The LOCKS menu appears
Press ENTER．The LOCKS menu appears．
4．Press $\triangle$ or $\boldsymbol{\nabla}$ to highlight NEW PASSWORD and press 4 or to
display the NEW PASSWORD menu．
5．Use the Channel Number buttons（ $0-9$ ）to enter a new code．Press ENTER．
7．Press EXIT to return to normal viewing．

Note：
he password you programmed is also used in LOCKS menu；see pages 27－29．


Note：
you forget your password，press DISPLAY ur times within five seconds while the TV DVD is in password entering mode．To
allows you to reset your password．

Using the TV／DVD＇s features
Adjusting the channel settings
Switching between two channels
You can switch between two
channel number each time．
To switch between two channels：
2．Select a second channel using the Channel Number buttons（ $0-9,100$ ） 3．Press CH RTN．The previous channel will be displayed．
Each time you press CH RTN，the TV／DVD will swith back and forth the two channels．
Programming your favorite channels
You can preset up to 12 of your favorite channels using the Favorite Channel Programming feature．Because this feature scans through only your favorite channels，it allows you to skip other channels you
do not normally watch． do not normally watch．
programmed in the TV＇s memory．
To program your favorite channels：



4．Press 4 or to display the FAVORITE CH menu．SET／CLEAR will
be highlighted．


Press 4 or to highlight SET and press ENTER
5．Press 4 or to highlight SET and press
6．Press EXIT to return to normal viewing．
7．Repeat steps $1-6$ for up to 12 channel．
7．Repeat steps $1-6$ for up to 12 ch
To select your favorite channels：
Press the FAV $\Delta /$ buttons on the remote control to select your The FAV $\Delta V$ buttons will not work until you have programmed
your favorite channels．
o clear your favorite channels：
1．Select a channel you want to clear．
2．Press MENU，then press 4 or to display the OPTION menu．
3．Press $\mathbf{\text { or }}$ to highlight FAVORITE CH．
4．Press 4 or to display the FAVORITE CH menu．SET／CLEAR will
be highlighted．
5．Press $\boldsymbol{\psi} \boldsymbol{\nabla}\rangle$ to highlight CLEAR．

| 大． 6 团 9 囯 |
| :---: |
| mvorreen |
| \％on \％\％\％\％ |
| ＊wrixioun |

6．Press ENTER until＂0＂replaces the channel number you want to erase
7．Press EXIT to return to normal viewing．

Using the V－Chip（parental control）feature
The Motion Picture Association of America（MPAA）uses a rating
system to qualify motion picture content．Television broadcasters system to qualify motion picture content．Television broadcasters
employ a rating system to qualify the content of television programs，as well．The TV and MOVIE ratings work with the $V$－Chip feature and allow you to block programs according to the rating limits you set．
To use the V －Chip to block programs by rating
1．Press MENU，then press 4 or to
1．Press MENU，then press 4 or
display the LOCKS menu．
2．Press $\triangle$ or to display the
2．Press $\mathbf{\Delta}$ or to display the
password entering mode．
3．Use the Channel Number buttons （0－9）to enter your password． appears．
4．Press $\boldsymbol{\Delta}$ or to highlight V－CHIP． －Press 4 or to thighlight ON to enable V－Chip program blocking
by rating．
－Press \＆or to highlight OFF to
disable V －Chip program blocking by rating．
5．Pres
display the hight
OFF ：TV RATING is
$\begin{array}{l:l}\text { OFF } & \text { TV RAIING } \\ \text { TV－Y }\end{array}$
$\begin{array}{l:l}\text { TV－Y7 } & 7 \text { years old and above } \\ \text { TV－G } & \text { General audience }\end{array}$
$\begin{array}{l:l}\text { TV－G } & \text { General audience } \\ \text { TV－PG } & \text { Parental guidance }\end{array}$
TV－14 ： 14 years old and ab
TV－MA ： 17 years old and above
When you select TV－Y7，TV－PG，TV－14 or TV－MA，press DISPLAY to
explain the rating．Press $\mathbf{~} \mathbf{~ o r}$
$\mathbf{V}$ explain the rating．Press $\mathbf{\Delta}$ or $\nabla$ to select the desired rating you want
Press 4 or to select the setting＂ON＂or＂OFF＂，then press ENTER
6．Press $\mathbf{~ o r}$ to highlight MOVIE
RTING．Then，press $\mathbb{\text { or }} \downarrow$ to RATING．Then，press 4 or $>$ to display the desired rating．
：MOVIE RATING is not set （no movies
All ages


G ：Parental guidance
PG－13 ：Parental guidance less than
R $\quad 13$ years old
R ${ }_{\text {NC17 }}$ ：Under 17 years old Parental guidance suggested
$\mathrm{NC17}: 17$ years old and above
X ：Adult only
$\underset{\text { 7．When you are done }}{\text { ：Adult only }}$
When you are done selecting the ratings，press EXIT to return to
normal viewing．
When you try to view a program with a ratings block，a message will apear listing the program＇s ratings．The program can still be viewed if the block．

Locking channels
With the CH LOCK feature, you can lock specific channels. You will no be able to tune locked channels unless you clear the setting. You can
choose to lock up to nine TV channels and nine cable channels. To lock channels:

1. Use the Channel Number buttons ( $0-9$ and 100 ) to display the television channel you wish to lock.
2. Press MENU, then press $\mathbf{4}$ or to display the LOCKS menu
3. Press $\mathbf{4}$ or to display the password entering mode. then press ENTER. The LOCKS
menu appears. . Press $\Delta$ or $\nabla$ to highlight CH
LOCK and press 4 or $>$ to display the CH LOCK menu.
4. Press ing or to select the follow-

ing:

- SET- to set the channel as one
to be locked. Then press
to be lock
ENTER.
CLEAR- to clear all channels
trom the list of locked channels Then press ENTER.


7. Repeat steps 1 through 6 to lock
other channels. When you have fin
you try to tune a locked channel, the TV
To unlock channels:
8. Press $M E N U$, then press 4 or to display the LOCKS
9. Use the or to display the password entering mode.
. then press ENTER Thee buttons ( $0-9$ ) to enter your password,
then press ENTER. The LOCKS menu appears.
10. Press $\triangle$ or $\checkmark$ to highlight CH LOCK and press or to display
11. Press LOCK menu.
12. Press $\mathbf{4}$ or to highlight CLEAR and
list of locked channels. Press ENTER.
13. Press EXIT to return to normal viewing.

## Locking the video inputs

With the VIDEO LOCK feature, you can lock out the input sources
VIDEO-1, VIDEO-2, COLORSTREAM HD, HDMI, PC, GAME) and hannels 3 and 4 , The INPUT button or Channel buttons unless you clear the setting. To set up the video lock:

1. Press $M E N U$, then press 4 or $r$ to display the LOCKS menu.
2. Press
3. Press $\mathbf{\Delta}$ or $\mathbf{r}$ to display the password entering mode.
d. Use the Channel Number buttons ( $0-9$ ) to enter
then press ENTER. The LOCKS me
4. Press $\mathbf{S}$ or $\boldsymbol{\nabla}$ to highlight VIDEO
LOCK.
5. Press


VIDEO: Locks VIDEO-1, VIDEO-
2. COLORSTREAM HD, HDM
VIDEO +: Locks VIDEO-1, VIDEO-2, COLORSTREAM HD, HDMI, PC, GAME, channel 3 and channel 4 . This option should 6. Press EXIT to return to normal viewing.


Note:
Atter programming CH LOCK, change


Note:
After programming VIDEO LOCK, change
channels or press the INPUT key betore channels or press the
turning off the TV/DVD.

To unlock the video inputs

1. Press MENU, then press $\langle$ or to display the LOCKS menu.
2. Press $\mathbf{\Delta}$ or $\mathbf{V}$ to display the password entering mode.
3. Use the Channel Number buttons ( $0-9$ ) to enter your password,
4. Press $\triangle$ or $\boldsymbol{\nabla}$ to highlight VIDEO LOCK and pres
highlight OFF.
5. Press EXIT to return to normal viewing

## Setting the GameTimer ${ }^{\text {TM }}$

With the GameTimerth feature, you can automatically activate the COCK feature (VIDEO setting) to set a time limit for playing a seme (30, 60, 90 or 120 minutes

| To set up the GameTimer: <br> 1. Press MENU, then press $\boldsymbol{4}$ to display the LOCKS menu. <br> 2. Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to display the password entering mode |  |
| :---: | :---: |
| 3. Use the Channel Number buttons ( $0-9$ ) to enter your password, then press ENTER. The LOCKS menu appears. |  |
| 5. Press 4 or to select a time limit ( 30 minutes, 60 minutes, 90 minutes, 120 minutes or OFF). |  |
| Press EXIT to return to normal viewing. After the GameTimer is |  |
|  |  |
| mind you that the GameTimer is erating. | \%ow |
|  | Seher |
|  |  |

You can lock the top panel controls to prevent your settings from being in ON, all control buttons on the TV/DVD top panel (except POWER) do not operate
To lock the panel controls:

1. Press MENU, then press 4 or to display the LOCKS menu
2. Press $\mathbf{\Delta}$ or $\boxtimes$ to display the password entering mod
then press ENTER. The LOCKS menu appears.
 ON.
a button on the top panel is
pressed, the message "NO
A. appears.
controls using the menus
3. Press MENU, then press $\langle$ or to display the LOCKS menu
4. Press $\mathbf{\Delta}$ or $\mathbf{\text { to display the password entering mode. }}$
5. Use the Channel Number buttons ( $0-9$ ) to enter your password,
then press ENTER. The LOCKS menu appears.
Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to highlight PANEL LOCK, and then press $\mathbf{4}$ or to
highignt 0 F
To unlock the panel controls using the TV/DVD controls:
Press and hold the VOLUME - button on the TV/DVD top panel for about 10 seconds until the message "PANEL LOCK:OFF" appears

You can enjoy playing video games on this lize so called "light gun" ioysticks for shooting at on-screen targets may not work with this TV/DVD.


TV/DVD top panel


## Selecting the video input source

| Press INPUT to view a signal from another device connected to your TV/ DVD, such as a VCR or DVD player. You can select ANT, VIDEO-1, VIDEO2, ColorStream HD, HDMI or PC, depending on which input jacks you used to connect your devices (see "Connecting your TV/DVD" on page 11). |  <br> Press INPUT on the remote control to display the current signal source (press INPUT again or $0-5$ to change) |
| :---: | :---: |
| You also can use the $\mathrm{CH} \wedge / \checkmark$ buttons to select the video input source. In addition to cycling through your programmed channels (page 24), the $\mathrm{CH} \wedge / \vee$ buttons will also cycle through the video input sources, in the order illustrated below. |  |
| $\begin{aligned} & \text { ANT ( (rogrammed chamene) } \\ & \perp \\ & \text { PC } \longleftrightarrow \mathrm{HOM} \leftrightarrows \longleftrightarrow \mathrm{C}_{0} \end{aligned}$ |  |

Labeling the video input sources
The video label feature allows you to label each input source for your TV/DVD from the following preset list of labels:

| - | Uses the default label na |
| :--- | :--- |
| VCR | Video cassette recorder |
| DVD | DVD video |
| DTV | Digital TV set-top box |
| SAT | Satelilit box |
| CBL | Cable box |
| HD | HDMI equipment |

To label the video input sources:
To label the video input sources:

1. Press MENU, then press 4 or 1. Press MENU, then press 4 or to
display the OPTION menu

## LABEL. 3. Press or to display the VIDEO

 3. Press LAB or to display the VIDEOLABL menu. 4. Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to highlight the
source you want to label. source you want to label.
5. Pess \&or to select the desire
label for that input source. label for that input source.
6. Press EXIT to return to normal Setting the clock

o set the clock: (Example $0 \cdot 30 \mathrm{~A}$ 1. Press MENU, then press 4 or $>$ to 2. Press $\mathbf{\Delta}$ or $\mathbf{V}$ to highlight CLOCK
display
SET 3. Press
3. Press 4 or to highlight the hour 4. Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to set the hour, then Press $\boldsymbol{\Delta}$ or to set the hour then
press
to highlight the minute
5. Press $\boldsymbol{\text { position. or }} \mathbf{\nabla}$ to set the minutes, then press EXIT to return to normal viewing.


Please note the following regarding the HDMI source selection

NOTE: DO NOT CONNECT A
PC USING THE HDMI INPUT.
ALWAYS use the VGA port provided to connect a PC. See "Connecting an HDMITM or DVI device" on page 17 and "Connecting a
PC (personal computer)" on page 20 for PC (pers.
details.


Note:
If the power source for the TV/DVD is iterrupted (for example, the power cord is
unplugged or a power failure occurs), you will unplugged or a power ral
need to reset the clock.

## Setting the ON timer

This feature allows you to program the TV/DVD to turn on automatically
at a set time. If you program the ON TIMER to "DAILY," the TV/DVD will urn on every day at the same time to the same channel until you clear the ON TIMER.
o set the on timer: (Example: Turning on the TV/DVD to channel 012 at 6:30 AM, DAILY)

1. Set the clock, if you have not already done so (see page 31).
2. Press MENU, then press 4 or $\boldsymbol{\nabla}$ to display the OPTION menu.
3. Press $\boldsymbol{\Delta}$ or to highight ON TIMER
4. Press $\longleftarrow$ or to highlight SET, then press ENTER. The ON TIMER
menu appears. Press $\&$ or menu appears. Press $\backslash$ or $\boldsymbol{\nabla}$ to set the time
5. Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to set the desired hour,
then press

6. Set the desired minutes and chann
as in step 5 .

7. Press
DAlly

DAILY. to select ONCE or
8. Press EXIT to return to normal


To cancel the on timer:
Select CLEAR in step 7 above.
Press EXIT to return to normal viewing.

32


Note:
After a power failure or disconnection of the
After a power failure or disconnection
power, the timer settings will be lost.

Viewing the wide-screen picture formats
( 480 i and 480 p signals only)
You can view 480i and 480p format programs in a variety of picture The way the image displays in any of the picture sizes will vary depending on the format of the program you are viewing. Select the picture size that displays the current program the way that looks bes to you.
Selecting the picture size

1. Press PIC SIZE on the remote control.
2. Press the corresponding number button $(0-4)$ to select the desired .


Natural picture size
The e program formed close to its originally formatted proportion. and botto formats will display with side bars and/or bars at the

Natural picture size example: The way the image displays will vary depending on the format of the program you are currently watching.


TheaterWide 1 picture size (for 4:3 format programs) - The center of the picture remains the left and right edges ar stretched wider to fill the screen. The top and bottom edges of the picture may be hidden; however,
this mode cannot be scrolled.


## Scrolling the TheaterWide ${ }^{\oplus}$ picture

## (TheaterWide 2 and 3 only)

1. Press PIC SIZE to select the TheaterWide 2 or 3 mode.
2. Press MENU, and then press $\backslash$ or until the SETUP menu appears.

Press $\boldsymbol{A}$ or $\mathbf{V}$ to highlight PICTURE SCROLL


Note:
If you select TheaterWide 2 or 3 , the top and bottom edges of the picture may be hidden. To see the hidden eages, either scron the
picture (see page 35) or try viewing the program in Full picture size.

TheaterWide 3 picture size (for letter box programs with subtitles)


Full picture size (for 16:9
source programs)

- If receiving a $16: 9$ format program,
the picture is $d$,
the picture is displayed in its origina proportion.
If receiving
If receiving a $4: 3$ format program,
the picture is stretched wider to fill the width of the screen, but not stretched talle
None of the picture is hidden



TheaterW
example

Using these functions to change the picture size (i.e., changing the height width ratio) for any purpose other than your private viewing may be prohibited
under the Coopright Laws of the United States and other countries, and may subject you to civil and criminal liability.

Note:
You can scroll the picture in TheaterWide 2 You can scroll the picture in TheaterWide 2
and TheaterWide 3 only. The scroll amounts are as follows:
.480 i 480 p s

480i/480p signal source:
Wide $1:$ : Not adjustable
Wide 1: Not adjusta
Wide $2:-10$ to +20

Selecting the cinema mode
When you view a DVD movie ( $3: 2$ pulldown processed) from a DVD player connected to the Colorstream (component video) inputs on the
TVIDVD, smoother and more natural motion can be obtained by setting the CINEMA MODE to FILM.
To set the CINEMA MODE to FILM:

1. Press MENU, then press 4 or
until the SETUP menu appears.
 MODE, then press $\varangle$ or to select
FILM.


To set the CINEMA MODE to VIDEO
Press $\langle$ or to select VIDEO in step 2 above.
Using the ASPECT feature
When the ASPECT feature is setto ON and the TV/DVD receives a 480i signal, the picture size is automatically selected (as described in
the following table).

| Aspect ratio of signal source | Automatic aspect size <br> (automatically selected <br> when ASPECT is ON) |
| :---: | :---: |
| 4:3 Normal | Natural |
| $1: 9: 9$ ull |  |
| 4:3 Letter box | Full |
| Not defined | TheaterWide |
| User-set mode |  |

If the signal does not include aspect information, the picture size you
selected on pages 33 is displayed.
To
To turn on the ASPECT feature:

1. Press MENU, then press $\&$ or $\boldsymbol{\sim}$ until the SETUP menu appears. 2. Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to highlight ASPECT, then press $\boldsymbol{4} \boldsymbol{r}$ to sele


Setting the sleep timer
You can set the TV/DVD so it turns off automatically.
To set the sleep timer:
Press SLEEP on the remote control repeatedly to set the length o
time until the TV/DVD turns off. The clock will count up 10 minutes for time until the TV/DVD turns off. The clock will count up 10 minutes for
each press of the SLEEP button (Ohoom, Oh $10 \mathrm{~m}, \ldots \mathrm{H} 50 \mathrm{~m}, 2 \mathrm{hoom}$ ) After the sleep timer is programmed, the display will appear briefly every ten minutes to remind you that the sleep timer is operating.
To confirm the sleep timer setting:
displayed.
To cancel the sleep timer:
Press SLEEP repeatedly until the display turns to 0 hoom
Using the closed caption feature
The Closed Caption feature has two options:

- Captions-An on-screen display of the dialogue, narration, and sound effects of programs and videos that are closed-captioned
(usually identified as "CC").
Text-An on-screen display of information not related to the Text-An on-screen display of information not related to the
program, such as weather or stock data (if available in your viewing area).
To view captions or text:

1. Tune the TV/DVD to the desired program.
2 Press MENU
2. Press MENU, then press 4 or to display the SETUP menu

3. Press $\mathbf{4} \boldsymbol{r}$ to select the desired Closed Caption mode, as
follows
. To vie
Tow captions, select C1 or C2 (C1 displays translation
primary language in your area).
aptioned no crogram or video you selected is not closed-
captioned, no captions will display on-screen.
To view text, select T1 or $T 2$.
Note: If text is not available in your viewing area, a black
rectangle may appear on-screen. If this happens, set the
Closed Caption feature to OFF.
To turn the Closed Caption feature off, highlight OFF in the


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Adjusting the picture
Selecting the picture mode
You can select four picture modes-Sports, Standard, Movie, and
Memory-as described in the following table:


To select the picture mode:

1. Press $M E N U$, then press 4 or $\boldsymbol{\text { to }}$ display the PICTURE menu.
2. Press $\triangle$ or $\boldsymbol{\nabla}$ to highlight

3. Press $\langle$ or to highlight the mode you pret
4. Press EXIT to return to normal viewing.

## Adjusting the picture quality

You can adjust the picture quality to your personal preferences, including the brightness, contrast, color, titht, and sharpness. The
qualities you choose will be stored automatically in your TV/DVD's quaities you choose will be stored automatic
To adjust the picture quality:

1. Press MENU, then press 4 or to display the PICTURE men em wount to adiust is highlighted

2. Press $\varangle$ or to adjust the level.

| Selection | 4 Pressing |  |
| :---: | :---: | :---: |
| BRIGHTNESS | darker | lighter |
| CONTRAST | lower | higher |
| COLOR | paler | deeper |
| TINT | reddish | greenish |
| SHARPNESS | softer | sharper |

4. Press EXIT to return to normal viewing.


Note:
Note: Younot select "MODE" in the Game mode.


Note:
The CONTRAST default setting is set to maximum ( +50 ) at the factory

Using the CableClear ${ }^{\circledR}$ feature
CableClear" reduces visible interference in your TV/DVD picture. This s useful when receiving a broadcast with a weak signal (especially a Cable channel) or playing a video cassette or disc damaged by
To turn on the CableClear" feature:

1. Press MENU, then press $\langle$ or to display the PICTURE menu.
2. Press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to highlight CableClear.

3. Press $\langle$ or to select ON .
4. Press $4>$ or to select 0 .
To turn off the Cableclear" feature:
Select OFF in step 3 .

Selecting the color temperature
Change the picture quality by selecting from three preset color tem-

| $\begin{aligned} & \text { peratures-coo } \\ & \text { table: } \end{aligned}$ | and warm-as des | (1)新 |
| :---: | :---: | :---: |
| Mode | Picture Quality | "nmen man |
| COOL MEDIUM WARM | Blueish Neutral Reddish | ロ |

Note:
You cannot select " COLOR
TEMPERATURE" in the Game mod


## Adjusting the sound

## Muting the sound

ress MUTE to temporarily turn off the sound. While the sound is off, he TV screen will display "MUTE" in the lower right-hand corner. To
estore the sound, press MUTE again.

Selecting stereo/SAP broadcasts
he mult-channel TV sound (MTS) feature provides high-fidelity stere ng a second lano can transmit a second audio prog Note: The MTS feature is only available in ANT input sour When the TV/DVD receives a stereo or SAP broadcast, the "STEREO "SAP" displays on-screen every time you turn the TV/DVD on change the channel, or press DISPLAY.

## o listen to stereo sound:

1. Press MENU, then press 4 or to display the AUDIO menu
2. Press 4 or to highlight STR

Notes:

- In general, you can leave your TV/DVD in stereo mode because
the TV/DVD automatically outputs the type of sound being
If the stereo sound is noisy,


4. Press EXIT to return to normal viewing.

To listen to a second audio program (SAP):

1. Press MENU, then press 4 or $\boldsymbol{\square}$ to display the AUDIO menu.
2. Press $\triangle$ or to highlight MTS.
3. Press 4 or to highlight SAP. The TV/DVD speakers will output
second audio program instead of normal audio

Adjusting the sound quality
You can change the sound quality of your TV/DVD by adjusting the
oadjust the sound quality

1. Press MENU, then press 4 or until the AUDIO menu
2. Press $\triangle$ or to highight the item you want to adjust.

3. Press $\mathbf{4} \mathrm{or}$ to adjust the level

4 makes the sound quality weaker or decreases the balance in
makes the sound quality stronger or decreases
the left channel, depending on the item selected.


Note:
A second audio program (SAP) can be heard nly on those TV stations that offer it. For example, a station might broadcast music
as a second audio program. If you have SAP on, you will see the current program on the screen but hear music instead of the program's normal audio. However, if you have SAP on, and the station you are watching is not currently station's normal audio will be output;; however, occasionally there is no sound at all isAP mode. If this happens, set the MTS feature to STEREO mode.

Note:
adussing the sound quality (bass, treble and balance) does not affect the sound that is
output from the headphone jack.

Resetting your audio adjustments
The RESET function returns the audio adjustments to the following factory settings:
Bass ................ center (25)
Treble
.............. center (25)
Balance ........... center (0)
To reset your audio adjustments
Press $\triangle$ or $\boldsymbol{\nabla}$ t then highlight $\mathbf{~ R E S E T} \boldsymbol{\nabla}$ to display the AUDIO menu



Using the StableSound ${ }^{\circledR}$ feature
The StableSound feature limits the highest volume level to prevent xtreme changes in volume when the signal source is changed.
To turn on the StableSound feature:
2. Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to highlight STABLE SOUND.


To turn off the StableSound ${ }^{\triangleright}$ feature
Highlight OFF in step 3 above.


The surround sound feature expands the audio listening field wider and deeper to create exceptional sound quality from the TV's speakers. To turn on the surround sound feature

Select the STEREO mode, if available (see "Selecting stereo/SAP
broadcasts" on page 40.)
2. Press MENU, then press 4 or to display the AUDIO menu.
3. Press $\boldsymbol{\Delta} \boldsymbol{\nabla}$ to highlight SURROUND.
2. Press MENU, then press $\mathbf{4}$ or to display the AUDIO menu.
3. Press $\boldsymbol{\Delta} \boldsymbol{\nabla}$ to highligh SURROUND.
4. Press $\mathbf{4}$ or to highlight ON.


To turn off the surround sound feature:
Highlight OFF in step 4 above.
general, you can heave your iv in surround mode because it will
atomatically output the type of sound being broadcast (surround stereo or monaural).

Selecting the HDMI audio input source
See "Connecting an HDMITM or a DVI device" on page 17 for connectio
information.
If you connect a DVI device, you must also connect the analog audio
cables to the HDMI audio IN jacks (see page 17) to hear audio. Set the MDMI audio input setting to "DVI" with this connection. If you connect an HDMI device and play media with digital audio output,
set the HDMI audio input setting to "HDMI" with this connection to hea digital audio .
you connect an HDMI device but play media with analog audio outpu (for example, certain CDS do not output digital audio), you must als
connect the analog audio cables to the HDMI audio IN iacks (see page 1 1) to hear audio. Set the HDM audio input setting to "DVI" with this connection
To select the HDMI audio input source:

1. Press MENU, then press 4 or to display the AUDIO menu.
2. Press or $\boldsymbol{\text { to highlight HDMI. }}$ 3. . Pess 4 or to select HDMI or DVI.


Adjusting the back lighting feature
your TV/DVD is in a bright room, the screen image may be difficult to see. You can use the BACK LIGHTING feature to adjust the screen ightness for improved picture cla
To adjust the back lighting:

1. Press MENU, then press
2. Press
3. Press MENU, then press 4 or $\boldsymbol{r}$ until the SETUP menu appears.
4. Press $\triangle$ or $\boldsymbol{\nabla}$ to highlight BACK LIGHTING.


Displaying on-screen information
Press DISPLAY to display the following on-screen information:

- Channel number or Video
- Channel label (if preset)
- Content rating (imer, Sleep timer (if preset)




Note:
The cold cathode fluorescent lamp used for he back light on this TV/DVD has a limited e. When areas on the screen darken, flicker, or no longer light up, the lamp may be at the
end of its life. Contact your nearest Toshiba ond of its life. Contact your nearest Toshiba
Authorized Service Station.


## Auto power off

The TV/DVD will automatically turn off after approximately 15 minutes if it is tuned to a vacant channel or a station that completes
Understanding the Power Return feature
the power is cut off while you are viewing the TV/DVD and the power is resupplied, the Power Return feature will turn the TV DVD on automatically.
If the power is going to be offf for a long time or you are going to be away from home for a long time, unplug the power cord from

Picture/Audio adjustments in PC mode
There are a number of picture settings you can adjust to optimize the performance of the TV/DVD in PC mode.

| PICTURE Menu | AUDIO Menu |
| :---: | :---: |
|  |  |

Example: Adjust the contras

1. In PC mode, press $M E N U$, then press $\measuredangle$ or $\downarrow$ to display the

PICTURE menu.
3. Press $\boldsymbol{4}$ or to adjust the contrast leve.
4. Press EXIT to return to normal viewing.

## PICTURE menu settings

BRIGHTNESS: To adjust the brightness of PC Monitor
CONTRAST: To Toadiust the contrast of PC Monitor screen, HOR POSITION: To adjust the horizontal position of the image

VER POSITION: To adjust the enorizontal position of the image
on the PC Monito screen. Each video standard will require a different value for this setting. the PC Monitor screen. Each video standard $\begin{array}{ll}\text { PHASE: } & \text { Will require a a difterent value for this setting. } \\ \text { This must be adjusted after the frequency }\end{array}$ $\begin{array}{ll}\text { CLOCK: } & \text { has been set to optimize picture quality. } \\ \text { To minimize any vertical bars or strines }\end{array}$ visible on the screen background. RED/GREEN/BLUE: To adjust the color temperature of the PC WVGA INPUT: Monitor screen.
XGGAINPUT: mode on the PC.

Resetting your picture/audio adjustments in PC mode
The RESET function returns your picture quality adjustments to the following factory setting
PICTURE menu


To reset your picture adjustment
. Press MENU in PC mode.
2. Press 4 or to select the desired menu
3. Press $\mathbf{\triangle}$ or $\mathbf{V}$ to highlight RESET, and then press $\boldsymbol{4}$ or

## DVD Playback

## Playing a disc

This section shows you the basics on how to play a dis.
Basic playback (DVD $\triangle$ VCD ©CD
Preparations: When connecting to other equipment, turn the power off 1. Press POWER on the unit or on the remote control to turn on the unit.

- Every time you press POWER, the TV/DVD starts from TV mode. -When using an amplifier, switch on the amplifier.

2. Press TV/DVD on the remote control to select DVD mode. The DVD startup screen will appear on the screen. (If DVD disc

3. Load a disc in the disc slot with the has a label.) Hold the disc without touching either of its surfaces, align it
with the guides, and place

4. On the TV screen, " $\triangle$ " changes to "Reading" and then playback


- A menu screen will appear on the TV screen if the disc has a
 selected and play commences.
Press VOL + or - to adjust the volume appears on screen)


CAUTION Keep your fingers well clear of the disc slot
when disc is loading or unloading. Neglecting to do so may cause serious personal injury.

Note:
Static electricity may affect the DVD player's operation and cause it to not work properly.
this happens, turn OFF the POWER disconnect and then reconnect the AC powe cord, and turn ON the unnect


## DVD Playback

About $\overline{D V D D}$ VCD CD
The CVD (VCD CDD icons on the heading bar show the playable disos
He uncion described under that heading.
: You can use this function with Video video discs.
(CD) : You can use this function with Audio CDs and CD-R/RW discs.

To start playback in the stop mode
Press PLAY.
To pause playback (still mode)
Press PAUSE during playback
The resume normal playback, press PLAY
To stop playback
Press STOP.
To remove the disc
Press EJECT.
Remove the disc after the disc comes



If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. In this case, check your disc again (see pages 8 and 61 ).
Some discs may take a minute or so to start playback.
When you set a single-faced disc label downwards (ie. the wrong way up), "Reading" will appear on the display for a few
minutes and then "Incorrect Disc" will continue to be displayed minutes and then "Incorrect Disc" will continue to be displayed.
Some discs may not resume playing the same scene after stoppi
Resuming cannot function when you play a $P B C$-featured Video $C D$ while the $P B C$ is on. To turn off the $P B C$, see page 53.
Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs

Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDS
according to the disc contents the software producers designed, some playback features may not be available. Also refer accoraing to intis e sc contents hit soflware
to the instructions supplied with the DVDs.
Do not move the unit during playback. Doing so may damage the disc
Use EJECT on the unit to unload and eject the disc.
Do not put any objects other than discs in the discs. slot. Doing so may cause the unit to malfunction.
When an 8 cm disc is loaded in the disc slot, and the play and the function activates.
When an 8 cm disc is loaded in the disc slot, and the playback picture or menu screen does not appear, press PLAY.

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Press SLOW 4 (REVERSE) or I (FORWARD) during playback.

To resume normal playback Press PLAY.

Locating a chapter or track $\mathbb{D V D}$ VCD $C D$ Press SKIP $14 \boldsymbol{4}$ or $\rightarrow$ repeatedly to display the chapter or track number you want.
Playback starts from the selected chapter or track.
SKIP $\rightarrow$ : To locate succeeding chapters or tracks.
SKIP 144: Playback starts from the beginning of the current chapter playback starts from the beginning of the preceding chapter or track.

## Zooming ©VDD VCD CD

This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame.

1. Press ZOOM during playback.

The center part of the image will be zoomed
Each press of ZOOM will change the ZOOM $Q 1$ ( P .3 ), $\mathrm{Q} 2(\mathrm{x} 1.5$ ) and Q 3 ( $\times 2.0$ ).
2. Press

You may move the frame from the center position to UP, DOWN, LEFT or RIGHT direction.
3. In the zoom mode, press ZOOM repeatedly to return to a $1: 1$ view

The TVIDVD mutes sound during reverse and forward scan of DVD and Video CD
discs. Howere, the TVIDVD plays sound discs. Howerer, the TV/DVD plays sound during fast forward or fast reverse play of
ardio $C D$ s. audio CDs.
on the disc.

Note:
The sound is muted during frame by frame
playback
playback.

## Notes: <br> Notes

playback.
The Video
playback.

(Q Off).

Locating desired scene (DVD) VCD (CD)
Use the title, chapter and time recorded on the DVD disc to locate the are used to locate the desired point to playback.
To check the titile, chapter/track and time, press DISPLAY.

Note:
A "Prohibition" symbol $\times$ may appear at the upper right of the screen. This symbol means either the feature you tried is not avaiable on
the disc. or the TV/DVD cannot access the feature at this time. This does not indicate a problem with the TV/DVD.

Press JUMP
stop mode.
2. Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to select the "Time" "Title/Track" or "Chapter".
3. Press Numb

If you inpu
CANCEL
CANCEL.
Refer to the package supplied with
the disc to check the numbers.
4. Press ENTER. Playback starts.

Press ENTER. Playback sta
When you change t.
of the selected title.
of the selected titile.
Some discs may not work in the above operatio


Notes:
You can select the Pause, Slow or Search playback in the zoom mode. Some discs may not respond to zoom


Note:
In case of the Video-CD playback with PBC, In case of the Video-CD playback with PBC,
the UMMP does not work. To turn off PBC, see
page 53.

Marking desired scenes $\overline{D V D D} \subset$
The unit stores the points that you want to watch again up to 3 points.

other 2 scenes
3. Press MARKER to clear this display.

Returning to the scenes

1. Press MARKER during playback or stop mode.
2. Press $\mathbf{\Delta}$ or to select the Marker 1-3.


3. Press ENTER

Playback starts from the marked
scene.

To cancel the Marke
Follow the above steps $1 \sim 2$, then press CANCEL

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Program playback
You can arrange the playback order of tracks or files on the disc. hem. These can also select tracks or files at random and playback For Audio CD and MP3/WMA CD, pleas page 58.


## To change the program

1. Select Mode to "Program" (as step 2), press $\mathbf{\Lambda} / \mathbf{/} / \mathbf{4} / \boldsymbol{\nabla}$ to select

Press Number buttons $(0-9)$ to
o clear the program one by one Select Mode to "Program", pres
number. Then press CANCEL.

To clear all the programs
In the left column, pres
Random playback ${ }^{\text {VCD }}$
The unit selects tracks or files at random and playback
For Audio CD and MP3/WMA CD, please see "Random playback" on page 58

1. Press PLAY MODE during playback or stop mode. 2. Press $\mathbf{\Delta} / \mathbf{V}$ to
2. Press PLAY.
The Random Playback will start

- If you set "Random" during playback mode, Random playback will begin atter the trackffile that is currently be
played has ended. played has ended. Mode: "Off" in step 2.


## 

Notes:
The program is canceled when you eject In playing back the Video CD with PBC, you cannot set Program playback

Changing soundtrack language $\mathbb{O V D} / V C D$

in case of Video CD playback
Audio type changes as follows each time you press AUDIO SELECT


Subtitles (OVD
When playing back a disc recorded with subitiles, you can select the
 a few seconds.

Disc status ©VDD ©CD


Note:
Kou can also turn off the PBC by pressing the

To turn on the PBC
Follow the above steps $1 \sim 2$, then press ENTER repeatedly until "PBC" appear


MP3/WMA CD and Audio CD playback (CD
. Load an Audio CD or a disc on which MP3 or WMA files have been recorded in the disc slot.
2. A file browser screen will appear on the screen.
Press $\mathbf{\Delta} / \nabla$ or ENTER to select folder.
3. Press $\mathbf{\Delta} / \mathbf{v}$ to select the desired file - In case the folder includes more than files, press $\boldsymbol{\Delta}$ or $\boldsymbol{\nabla}$ to display next file - To se

To see contents in folder, select the folder and then press EN ER. "t
to the upstairs directory, select "t Go Up ..." then press ENTER.

When PLAY is pressed after the file browser displayed, playback begins automatically starting from the first file. In this case, if the
first file is an MP3/WMA file, only MP3/WMA files are played back Hirst file is an MP3/WMA file, only MP3 WMA files are played back
in order. If the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX" file, the first DivX ${ }^{\text {s. file }}$ itis is played back. If there is no file at a root directory, playback does not begin automatically.
4. Press ENTER.

The selected file starts playing back
5. Press STOP to end playback

The unit records the stopped point. " " appears on the screen Press PLAY to resume playback (from the scene point).
If you press STOP again or unload the disc, the unit wil stopped point.

## About file menu



File type
: Indicates Music file (AudiomP3 WMA
園: : Indiciatas Piciture file (JPEG)


Notes
During MP3/WMA/JPEG playback, you cannot use JUMP, A-B Repeat functions. You can use Repeat (Track or All), Random
functions and Prooram playback for MP3/ WMAAJPEG/DivX' CD playback (see page 58).
The pictur The picture menu is displayed when the FUJICOLOR CD or the Kodak Picture CD
are played. To display the file menu press are played. To
TOPMENU.
In the case of a CD containing a mixture of MP3, WMA, JPEG and DivX" files, the files are played back by selecting them from the MP3 or WMA file on the Kodak Picture CD is not recognized on this unit.

## Select Files

The file type to make it display in the file
browser can be chosen.

1. Press $\boldsymbol{4}$ or to highlight "Select Files" at right column in the file browser.
file type Movie).
2. Press ENTER to add/remove check mark. Checked file type will be displayed in the file browser.
Press RETURN to save the setting.

JPEG CD playback CD
You can select your desired JPEG file on the file menu and picture screen. (When the aspect ratio of a JPEG file is different from that of she TV screen, the black bars will appear at the top, bottom, and/or

1. Load a JPEG disc in the disc slot.

A file br
screen.


Press $\mathbf{\Delta} / \mathbf{v}$ to select the desired file To display a thumbnail list, pres
browser, press TOP MENU.)
Press $\mathbf{L} / \Delta / \boldsymbol{\nabla}$ to select the desired file
When PLAY is pressed after displaying the file browser, playback begins automaticaly starting from the first ilie. In this case, it the
first file is a JPEG file, the first JPEG file is played back. It the first file is a Div* file, the first Divx file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in orde
If there is no file at a root directory, playback does not begin automatically.
Press ENTER or PLAY. The selected
picture appears on the screen.

Rotating an image
You can rotate an image by 90 degrees.

playback of the image.

```
                mage.
```

Zooming an image
Zoom function also can be used in viewing JPEG files. Press

The file browser appears on the screen
If you want to watch the other file, repeat steps $3 \sim 4$.
Slide show playback CD
The slide show enables you to view pictures (files) one after another
,

Seconds". (See page 60.)
. Select your desired starting file for the slide show in the step 3 on the above.
2. Press ENTER or PLAY to start slide show from the selected file.
. If you press PAUSE during the slide show, the slide show stops temporarily "II" appears briefly on the screen.
If the picture appears upside down or sideways, press ANGLE
repeatedy unitit s ight side up.
riay
When slide show playback finished, the file browser appears.
To stop the slide show, press STOP. The file browser appears.
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Note:
During JPEG playback, you cannot use Jump and $A-B$ Repeat functions.


Repeat and program playback using file browser Repeat playback CD


To resume normal playback
Select Repeat : "Off" in step 2.
Random playback CD

1. In the file browser, press $\mathbf{~} / \boldsymbol{\bullet}$ or $\mathbf{\Delta} / \mathbf{v}$ to select "Mode" in stop
mode.
2. Press ENTER to select "Random".
3. Press PLAY.

The Random playback will start.
To resume normal playback
Select Mode : "Off" in step 2.
Program playback CD

2. Press $\mathbf{4} / \boldsymbol{\text { or }} \mathbf{\Delta} / \mathbf{/}$ to select file you want to add into the program

Press ENTER. Selected file was marked.
Repeat this procedure to select the other files.
3. Press $\mathbf{4} / \boldsymbol{\text { or }} \boldsymbol{\Delta} / \mathbf{/}$ to select "Add To Program",
Then press ENTER. All marked files are added in Then press ENTER. All marked files are added into the program list When you finish store all files which you want into the Program list,
4. Press $\mathbf{4} / \boldsymbol{\text { or }} \mathbf{\Delta} / \mathbf{v}$ to select "Program Press $\mathbf{~ V i e w n}$, then press ENTER. Program View have added in step 2 .
5. In the Program View, press PLAY. The files start to playback in programmed order that were added by you.
To remove file from program list In the Edit Mode, switch to Program View. ENTER.
elect "Clear Program" and press ENTER.
Marked file is removed from program list.


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Divx ${ }^{\circledR}$ CD playback $C D$

1. Load a DivX" disc in the disc slot.
2. A file browser screen will appear on the

3. Press $\mathbf{\Delta} / \mathbf{\text { to }}$ select the desired file.

When PLAY has been pressed after displaying the file browser, playback begins automatically starting from the first file. In this If the first file is a Divx" file, the first Divx" file is played back. If the first file is an MP3/WMA file, only MP3/WMA file are played back in order. If there is no file at a root directory, playback does not begin automatically.
4. Press ENTER or PLAY. The selected Divx ${ }^{\circ}$ movie will be played back on the screen.
5. Press STOP to end playback The file browser appears on
other file, repeat steps $3 \sim 4$.

## Playing DivX ${ }^{\circledR}$ VOD content

DivX ${ }^{\circledR}$ VOD content is protected by DRM (Digital Rights Management) system. This restricts playback of content to specific registered devices.
If the incorrect DRM file is loaded,
"Authorization Error This player is not
authorized to play this video." will appear on
the screen.
When you attempt to play Divx ${ }^{8}$ VOD, the
number of plays is limited and the right
wish to play it, select "YES".

Yes No

- If the number of plays goes over the limit, then "Rental Expired" will be displayed, in this case the file will not be played.


Note:
In order to play Divx VOD content on this unit, you first need to register the unit with registration code. See page 61.

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## DVD function setup

Customizing the function settings
You can change the default settings
Setting procedure (DVD) VCD $\subset C D$

1. Press SETUP during stop mode.
The following on-screen display app

2. Press $\boldsymbol{\Delta}$ to select the desired section, then press
3. Press $\Delta$ or $\boldsymbol{\nabla}$ to select the desired option.
4. Then press or ENTER. The selectable settings will appea
5. Change the selection using $\mathbf{\Delta}$ or $\mathbf{\nabla}$, by referring to the correspond-
ing pages 60 to 61 .
Press ENTER to save the setting.
Press ENTER to save the setting.

- Repeat steps 3 and 5 to change other option.
Repeat steps 3 and 5 to change other option.
To select another section, go back to step 2 by pressing 4
repeatedly.

6. To clear SETUP screen, press SETUP or RETURN.



Setting details


Setting details


DRC (Dynamic Range Control) enables you to control the ynamic range so as to achieve a suitable sound for your On: Loud sound such as explosion is toned down slightly when played back. This is suitable when it is connected to a stereo.
off: It plays back at the recording level on the disc.
Notes:
This function works only during playback of Dolby Digital recorded discs.
The level of Dyn
The level of Dynamic Range Reduction may differ
depending on DVD video disc
Parental

arental control sett
ome discs are specified as not suitable for children. Such iscs can be limited not to playback with the unit.

1) Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to select "Parental", then press 2) Press " 0000 " using Number buttons ( $0-9$ ). (Please note, this is pre-setting password of this
unit). Then press ENTER. The parental level list - Level off: The parental control setting does no Level 8: Virtually all DVD software can be Level 1: Level 1: DVD sottware for adults cannot be
2) Press $\Delta$ or to select from the level 1 to level 8 number is lower. Then press ENTER

Notes:
Depending on
playback.
Some discs may not be encoded with specific rating level information though its disc jacket says "adult." For those The password is required every time when you change the parental level.
parental level.
If you input a wrong number, press CANCEL.

Set the new password

1) Press $\boldsymbol{\Delta}$ or $\nabla$ to select "Password", then press
ENTER. "Enter Current Password" screen will
2) Press Number buttons (0-9) to input the current password (If the password has not been set yet atter you purchase this unit, it is "0000").
Then press ENTER. "Enter New Password" screen will appear. Press Number buttons ( $0-9$ ) to input the new password.
3) Press ENTER. Now your new password has been set. Be sure to remember this number!

## If you forget the password.

1) Press EJECT to remove the disc.
the same time press STOP on the trontrol and at "Password Clear" appears on the screen. Now the password has been returned to the initial value ("0000").

DivX(R) VOD
In order to play DivX ${ }^{8}$ VOD (Video On Demand) content on his unit, you first need to register the unit with your DivX ${ }^{\text {B }}$ VOD registration code, which you submit to your provider

Press $\mathbf{\Delta}$ or $\boldsymbol{\nabla}$ to select "DivX( $R$ ) VoD". Then press
NTER. Your 8-character registration code is displayed register with a Div $X^{\oplus}$ VOD provider.
press ENTER to select Done.

Note:
feach setup (pages 60 to 61 ) has completed, the unit can
always work under the same condition (especialy with
always work under the same condition (especially with DVD
discss). discs).
Each
the power offl be retained in the memory even if you turn the power off.

Appendix
Language code list
Enter the appropriate code number for the initial settings "Menu", "Subtitle" and/or "Audio." See page 60.

| Language Name Code |  | Language Name Code | Language Name Code | Language Name Code |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Abkhazian | 1112 | Fiji | 1620 | Lingala | 2224 | Singhalese | 2919 |
| Afar | 1111 | Finnish | 1619 | Lithuanian | 2230 | Slovak | 2921 |
| Afrikaans | 1116 | French | 1628 | Macedonian | 2321 | Slovenian | 2922 |
| Albanian | 2927 | Frisian | 1635 | Malagasy | 2317 | Somali | 2925 |
| Amharic | 1123 | Galician | 1722 | Malay | 2329 | Spanish | 1529 |
| Arabic | 1128 | Georgian | 2111 | Malayalam | 2322 | Sundanese | 2931 |
| Armenian | 1835 | German | 1415 | Maltese | 2330 | Swahili | 2933 |
| Assamese | 1129 | Greek | 1522 | Maori | 2319 | Swedish | 2932 |
| Aymara | 1135 | Greenlandic | 2122 | Marathi | 2328 | Tagalog | 3022 |
| Azerbaijani | 1136 | Guarani | 1724 | Moldavian | 2325 | Tajik | 3017 |
| Bashkir | 1211 | Gujarati | 1731 | Mongolian | 2324 | Tamil | 3011 |
| Basque | 1531 | Hausa | 1811 | Nauru | 2411 | Tatar | 3030 |
| Bengali; Bangla | 1224 | Hebrew | 1933 | Nepali | 2415 | Telugu | 3015 |
| Bhutani | 1436 | Hindi | 1819 | Norwegian | 2425 | Thai | 3018 |
| Bihari | 1218 | Hungarian | 1831 | Oriya | 2528 | Tibetan | 1225 |
| Breton | 1228 | Icelandic | 1929 | Panjabi | 2611 | Tigrinya | 3019 |
| Bulgarian | 1217 | Indonesian | 1924 | Pashto, Pushto | 2629 | Tonga | 3025 |
| Burmese | 2335 | Interlingua | 1911 | Persian | 1611 | Turkish | 3028 |
| Byelorussian | 1215 | Irish | 1711 | Polish | 2622 | Turkmen | 3021 |
| Cambodian | 2123 | ltalian | 1930 | Portuguese | 2630 | Twi | 3033 |
| Catalan | 1311 | Japanese | 2011 | Quechua | 2731 | Ukrainian | 3121 |
| Chinese | 3618 | Javanese | 2033 | Rhaeto-Romance | 2823 | Urdu | 3128 |
| Corsican | 1325 | Kannada | 2124 | Romanian | 2825 | Uzbek | 3136 |
| Croatian | 1828 | Kashmiri | 2129 | Russian | 2831 | Vietnamese | 3219 |
| Czech | 1329 | Kazakh | 2121 | Samoan | 2923 | Volapük | 3225 |
| Danish | 1411 | Kirghiz | 2135 | Sanskrit | 2911 | Welsh | 1335 |
| Dutch | 2422 | Korean | 2125 | Scots Gaelic | 1714 | Wolof | 3325 |
| English | 1524 | Kurdish | 2131 | Serbian | 2928 | Xhosa | 3418 |
| Esperanto | 1525 | Laothian | 2225 | Serbo-Croatian | 2918 | Yiddish | 2019 |
| Estonian | 1530 | Latin | 2211 | Shona | 2924 | Yoruba | 3525 |
| Faroese | 1625 | Latvian, Lettish | 2232 | Sindhi | 2914 | Zulu | 3631 |
|  |  |  |  |  |  |  |  |

This temporary cancellation of rating level will e kept until the disc is ejected. When the disc is ejected, th

Temporary cancel the rating level by DVD disc
epending on the DVD disc, the disc may try to temporarily cancel the
It is up to you to decide whether to cancel the rating level or not.

1. Load a DVD disc.

2. If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading" screen wil wange, depending on which disc is played. If you select Yes If "NO" is selected, press EJECT to remove the disc.

Enter the password with Number buttons ( $0-9$ ). Then press Enter the
ENTER. To exit from the entry, press RETURN. Enter Password $\square \square \square \square$

Playback will commence if the entered password is correct.

## Appendix

## Troubleshooting

Before calling a service technician, please check the following table for a possible cause of the symptom and some solutions.

|  | Solution |
| :--- | :--- |
| Symptom - Make sure the AC cord is connected securely and then press POWER. <br> TV will not turn on The remote control batteries may be dead. Replace the batteries. |  |
|  | - Check the antenna/cable connections. |

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## Troubleshooting (continued)

| Symptom of DVD | Solution |
| :---: | :---: |
| Playback doesn't start | - No disc is loaded. <br> - The disc may be dirty. Clean the disc. <br> - The unit cannot play CD-ROMs, etc. |
| No picture | - TV/DVD selector is not set correctly. |
| No sound | - Make sure the input selector of the amplifier is set properly. <br> - The unit is in the special playback mode. <br> - Select the correct Audio Output/Input position on AV amplifier. |
| Picture is distorted during fast reverse/forward playback | - The picture will be distorted occasionally. |
| Stopping playback, search, slow-motion play, repeat play, or program play, etc. cannot be performed | - Some discs may not perform certain functions. |
| No on-screen display | - Set Display to On. |
| No surround sound | - The setup does not match your stereo system. |
| The unit or remote operation key is not functioning | - Turn off the unit and unplug the $A C$ power cord for several minutes, then replug it. |
| Playback does not start when the title is selected | - Check the Parental level setup. |
| Audio soundtrack and/or subtitle language is not changed when you playback a DVD | - Muttilingual language is not recorded on the DVD disc. |
| No subtitle | - Some discs have no subtitles. <br> - Subtitles are cleared. Press SUBTITLE. |
| Angle cannot be changed | - Multi-angles are not recorded on the DVD discs. |
| "X" appears on the screen | The function is prohibited with the unit or the disc. |

## Specifications

Notes
.

- Designs and specifications are subject to change without notice.
This model may not be compatible with features and/or specifications that may be added in the future.


WARNING: If you decide to wall mount this television, always use a UL-approved wall bracket appropriate for the size and weight of this television. The use of any wall bracket other than a UL-approved wall bracket appropriate for the size
and weight of this television for wall mounting this television could result in serious bodily injury and/or property damage

## Limited Canada Warranty

LCD TV/DVD (from for 14" to 32" Television Models)


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## CAUTION

## THIS LCD COLOR TELEVISION EMPLOYS A LASER SYSTEM.

TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS SERVICE MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION-SEE SERVICE PROCEDURE.

USE OF CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE. VISIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE IS OPENED. DO NOT STARE INTO BEAM.

## Location of the required Marking

The rating sheet and the safety caution are on the rear of the unit.


CERTIFICATION: COMPLIES WITH FDA RADIATION PERFORMANCE STANDARDS, 21 CFR SUBCHAPTER J.

## PREPARATION OF SERVICING

The laser diode used for a pickup head may be destroyed with external static electricity.
Moreover, even if it is operating normally after repair, when static electricity discharge is received at the time of repair, the life of the product may be shortened.
Please perform the following measure against static electricity, be careful of destruction of a laser diode at the time of repair.

- Place the unit on a workstation equipped to protect against static electricity, such as conductive mat.
- Soldering iron with ground wire or ceramic type is used.
- A worker needs to use a ground conductive wrist strap for body.


## IMPORTANT SERVICE SAFETY INFORMATION

Safety precautions to be followed during servicing:

1. Parts marked with an $₫$ are critical parts for safety. Replace only with the one described in the parts list.
2. Before returning the DVD product to the customer, make the appropriate leakage current check or resistance measurements to ensure that exposed parts are properly insulated from the supply circuit.

A leakage current check is recommended for this unit. Plug the AC line cord directly into a 120 V 60 Hz AC outlet (do not use an isolation transformer for this check). Use a leakage current tester (Fig. 1) or a metering system which complies with Underwriters Laboratories (UL 1492P). Measure for current from all exposed metal parts of the cabinet to a known earth ground: particularly, any exposed metal part having a return path to the chassis. Any current measured must not exceed 0.5 mA . Any measurement not within the limits outlined above are indicative of a potential shock hazard and corrective action must be taken before returning the unit to the customer.


Fig. 1 AC Leakage Test

## IMPORTANT SAFEGUARDS

## 1. READ INSTRUCTIONS

All the safety and operating instructions should be read before the unit is operated.
2. RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.
3. HEED WARNINGS

All warnings on the unit and in the operating instructions should be adhered to.
4. FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.
5. CLEANING

Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. ATTACHMENTS

Do not use attachments not recommended by the unit's manufacturer as they may cause hazards.
7. WATER AND MOISTURE

Do not use this unit near water. For example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
8. ACCESSORIES

Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury, and serious damage to the unit. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer.
8A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
9. VENTILATION

PORTABLE CART WARNING
(symbol provided by RETAC)

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the unit, and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This unit should never be placed near or over a radiator or heat source. This unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. POWER SOURCES

This unit should be operated only from the type of power source indicated on the rating plate. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For units intended to operate from battery power, or other sources, refer to the operating instructions.
11. GROUNDING OR POLARIZATION

This unit is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. If your unit is equipped with a 3 -wire grounding-type plug, a plug having a third (grounding) pin, this plug will only fit into a grounding-type power outlet. This too, is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
12. POWER-CORD PROTECTION

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. LIGHTNING

To protect your unit from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power line surges.

## 14. POWER LINES

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
15. OVERLOADING

Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
16. OBJECT AND LIQUID ENTRY

Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

## 17. OUTDOOR ANTENNA GROUNDING

If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

## 18. SERVICING

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

## 19. DAMAGE REQUIRING SERVICE

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
a. When the power-supply cord or plug is damaged.
b. If liquid has been spilled, or objects have fallen into the unit.
c. If the unit has been exposed to rain or water.
d. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.
e. If the unit has been dropped or the cabinet has been damaged.
f. When the unit exhibits a distinct change in performance, this indicates a need for service.
20. REPLACEMENT PARTS

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original parts.
Unauthorized substitutions may result in fire, electric shock or other hazards.
21. SAFETY CHECK

Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.
22. WALL OR CEILING MOUNTING

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
23. HEAT

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat
24. DISC TRAY

Keep your fingers well clear of the disc tray as it is closing. It may cause serious personal injury.
25. CONNECTING

When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.
26. SOUND VOLUME

Reduce the volume to the minimum level before you turn on the product. Otherwise, sudden high volume sound may cause hearing or speaker damage.

## 27. SOUND DISTORTION

Do not allow the product output distorted sound for a longtime. It may cause speaker overheating and fire.
28. HEADPHONES

When you use the headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.
29. LASER BEAM

Do not look into the opening of the disc tray or ventilation opening of the product to see the source of the laser beam. It may cause sight damage.
30. DISC

Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.
31. NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.


## WHEN REPLACING DVD DECK

## [ When removing the DVD Deck ]

Before removing Pick Up PCB and DVD PCB connector, the short circuit the position shown in Fig. 1 using a soldering iron. If you remove the DVD Deck with no soldering, the Laser may be damaged.

## [ When installing the DVD Deck ]

Remove all the soldering on the short circuit position after the connection of Pick Up PCB and DVD PCB connector.

## NOTE

- Before your operation, please read "PREPARATION OF SERVICING".
- Use the Lead Free solder.
- Manual soldering conditions
- Soldering temperature: $350 \pm 5^{\circ} \mathrm{C}$
- Soldering time: Within 2 seconds
- Soldering combination: $\mathrm{Sn}-3.0 \mathrm{Ag}-0.5 \mathrm{Cu}$
- When Soldering/Removing of solder, use the draw in equipment over the Pick Up Unit to keep the Flux smoke away from it.


Fig. 1

## DISC REMOVAL METHOD AT NO POWER SUPPLY

1. Remove the Back Cabinet and Angle Deck. (Refer to item 1 of the DISASSEMBLY INSTRUCTIONS.)
2. Slide the Belt Loading toward the arrow direction by hand to release the lock. (Refer to Fig. 1)
3. Take out the Disc from the DVD Deck. Be careful not to scratch on the Disc.

DVD Deck


Fig. 1

## PARENTAL CONTROL - RATING LEVEL 4 DIGIT PASSWORD CANCELLATION

If the stored 4 digit password in the Rating Level menu needs to be cancelled, please follow the steps below.

1. Turn Unit ON.
2. Set the DVD to the Stop Mode.
3. Check that 'No disc' is displayed on the screen.
4. Press and hold the 'STOP' button on the front panel.
5. Simultaneously press and hold the ' 7 ' key on the remote control unit.
6. Hold both keys for more than 2 seconds.
7. The On Screen Display message 'PASSWORD CLEAR' will appear.
8. The 4 digit password has now been cleared.

## TRAY LOCK

The disk cannot be taken out by setting the Tray Lock, please follow the steps below.

1. Turn Unit ON.
2. Set the DVD to the Stop Mode.
3. Press it in order of 'SETUP', 'SUBTITLE', ' 3 ', 'AUDIO' and ' 0 ' key of a remote control unit.
4. The On Screen Display message ' $\square$ ' will appear.
5. The Tray Lock has now been set up.

To unlock the Tray Lock, please follow the steps below.

1. Turn Unit ON.
2. Set the DVD to the Stop Mode.
3. Press it in order of 'SETUP', 'SUBTITLE', '3', 'AUDIO' and '0' key of a remote control unit.
4. The On Screen Display message ' $\square$ ' will appear.
5. The Tray Lock has now been cleared.

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## GENERAL SPECIFICATIONS



## GENERAL SPECIFICATIONS

| G-9 | Clock and Timer | Clock |  | Yes |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Sleep Timer | Max Time | 120 Min |
|  |  |  | Step | 10 Min |
|  |  | On Timer | Program | Yes |
|  |  | Off Timer | Program | No |
|  |  | Game Timer |  | Yes |
|  |  | Wake Up Time |  | No |
|  |  | Timer Back-up (at Power Off Mode) more than |  | -- $\quad$ Min Sec |
| G-10 | Remote Control | Unit |  | RC-LT |
|  |  | Glow in Dark |  | Yes |
|  |  | Remocon Form |  | TOSHIBA |
|  |  | Format |  | TOSHIBA |
|  |  | Custom Code |  | 40-BF h , 44-BB h , 45-BA h , 45-BC h |
|  |  | Power Source | Voltage(D.C) | 3 V |
|  |  |  | UM size x pcs | UM-4 x 2 pcs |
|  |  | Total Keys |  | 49 Keys |
|  |  | Keys | Power | Yes |
|  |  |  | EJECT | Yes |
|  |  |  | SLEEP | Yes |
|  |  |  | TV/DVD | Yes |
|  |  |  | 1 | Yes |
|  |  |  | 2 | Yes |
|  |  |  | 3 | Yes |
|  |  |  | 4 | Yes |
|  |  |  | 5 | Yes |
|  |  |  | 6 | Yes |
|  |  |  | 7 | Yes |
|  |  |  | 8 | Yes |
|  |  |  | 9 | Yes |
|  |  |  | 0 | Yes |
|  |  |  | 100 / JUMP | Yes |
|  |  |  | DISPLAY | Yes |
|  |  |  | SUBTITLE | Yes |
|  |  |  | AUDIO SELECT | Yes |
|  |  |  | INPUT / ZOOM | Yes |
|  |  |  | MUTE | Yes |
|  |  |  | CH + | Yes |
|  |  |  | CH - | Yes |
|  |  |  | VOL + | Yes |
|  |  |  | VOL - | Yes |
|  |  |  | PLAY MODE | Yes |
|  |  |  | DVD MENU | Yes |
|  |  |  | UP | Yes |
|  |  |  | LEFT / FAV - | Yes |
|  |  |  | ENTER | Yes |
|  |  |  | RIGHT / FAV + | Yes |
|  |  |  | DOWN | Yes |
|  |  |  | TV MENU/SETUP | Yes |
|  |  |  | EXIT / CANCEL | Yes |
|  |  |  | GAME | Yes |
|  |  |  | PIC SIZE | Yes |
|  |  |  | PAUSE | Yes |
|  |  |  | PLAY | Yes |
|  |  |  | STOP | Yes |
|  |  |  | CH RTN /<SKIP | Yes |
|  |  |  | SEARCH - | Yes |
|  |  |  | SEARCH + | Yes |
|  |  |  | Closed Caption / SKIP> | Yes |
|  |  |  | < SLOW | Yes |
|  |  |  | ANGLE | Yes |
|  |  |  | Marker | Yes |
|  |  |  | SLOW > | Yes |
|  |  |  | TOP MENU | Yes |
|  |  |  | RETURN | Yes |
|  |  |  | REPEAT A-B | Yes |

## GENERAL SPECIFICATIONS

| G-11 | Features(TV) | Auto Shut Off |  | Yes |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Auto Search |  | No |
|  |  | Power On Memory |  | Yes |
|  |  | Comb Filter |  | Yes $3 \text {-D }$ |
|  |  | Game Position |  | Yes |
|  |  | Auto Setup(Language/CH Program) |  | Yes |
|  |  | Picture Setting(TV) |  | Yes |
|  |  |  | Mode(Picture Preference) | Yes |
|  |  |  | Brightness, Contrast, Color | Yes |
|  |  |  | Tint | Yes |
|  |  |  | Sharpness | Yes |
|  |  |  | Color Temperature | Yes |
|  |  |  | Cable Clear | Yes |
|  |  | Picture Setting(PC) |  | Yes |
|  |  |  | BRIGHTNESS, CONTRAST | Yes |
|  |  |  | HOR POSITION, VER POSITION | Yes |
|  |  |  | PHASE, CLOCK | Yes |
|  |  |  | AUTO ADJUST | No |
|  |  |  | RED, GREEN, BLUE | Yes |
|  |  | Audio | MTS | Yes |
|  |  |  | Tone Control (Bass/Treble/Balance) | Yes |
|  |  |  | Stable Sound | Yes |
|  |  |  | Surround | Yes |
|  |  |  | BBE | No |
|  |  |  | SRS WOW (SRS 3D/Focus/Tru Bass) | No |
|  |  |  | Variable Audio Out | No |
|  |  | Tuning | CH Program | Yes |
|  |  |  | TV/Cable | Yes |
|  |  |  | ADD/DELETE | Yes |
|  |  | Label | CH Label | Yes |
|  |  |  | Video Label | Yes |
|  |  | Favorite CH |  | Yes |
|  |  | V-Chip Type |  | Yes |
|  |  |  |  | USA Type |
|  |  | RRT Setup |  | No |
|  |  | Lock | Hotel Lock | No |
|  |  |  | Channel Lock | Yes |
|  |  |  | Video Lock | Yes |
|  |  |  | Panel Lock | Yes |
|  |  | OSD Language |  | English French Spanish |
|  |  | Closed Caption |  | Yes |
|  |  | CC Advanced |  | No |
|  |  | Picture Size |  | Yes |
|  |  | Picture Scroll |  | Yes |
|  |  | Cinema Mode |  | Yes |
|  |  | Aspect |  | Yes |
|  |  | Backlight |  | Yes |
|  |  | PFC(Power Factor circuit) |  | No |
|  |  | Freeze frame |  | No |
|  |  | PIP/POP |  | No |
|  |  | Direct Input Selection |  | Yes |
|  |  | PC Monitor Input |  | Yes |
|  |  |  | VGA ( $640 \times 480$ ) | Yes (60Hz) |
|  |  |  | VGA ( $720 \times 400$ ) | Yes (70Hz) |
|  |  |  | WVGA (848x480) | Yes (60Hz) |
|  |  |  | SVGA (800x600) | Yes (60Hz) |
|  |  |  | XGA (1024x768) | Yes (60Hz) |
|  |  |  | WXGA (1280x768) | Yes (60Hz) |
|  |  |  | WXGA (1280x720) | Yes (60Hz) |
|  |  |  | WXGA (1360x768) | Yes (60Hz) |
|  |  |  | SXGA (1280x1024) | No |

## GENERAL SPECIFICATIONS



GENERAL SPECIFICATIONS


## DISASSEMBLY INSTRUCTIONS

## 1. REMOVAL OF MECHANICAL PARTS AND P.C. BOARDS

1-1: HANDLE/BACK COVER (Refer to Fig. 1-1)

1. Remove the 4 screws (1).
2. Remove the Handle in the direction of arrow (A).
3. Unlock the 6 supports (2).
4. Remove the Back Cover in the direction of arrow (B).


1-2: HINGE ASS'Y (Refer to Fig. 1-2)

1. Remove the 4 screws (1).
2. Remove the Stand in the direction of arrow (A).
3. Remove the 8 screws (2).
4. Remove the Stand Angle in the direction of arrow (B).
5. Remove the 4 screws (3).
6. Remove the Hinge Ass'y in the direction of arrow (C).


1-3: BACK CABINET (Refer to Fig. 1-3)

1. Remove the 10 screws (1).
2. Remove the screw (2).
3. Remove the Back Cabinet in the direction of arrow.


## 1-4: ANGLE HANDLE-DVD (Refer to Fig. 1-4)

1. Remove the screw (1).
2. Remove the 4 screws (2).
3. Remove the Angle Handle-DVD in the direction of arrow.


## DISASSEMBLY INSTRUCTIONS

## 1-5: DVD DECK (Refer to Fig. 1-5)

1. Short circuit the position shown in Fig. 1-5 using a soldering iron. If you remove the DVD Deck with no soldering, the Laser may be damaged.
2. Disconnect the following connectors: (CP2301, CP2302 and CP2303).
3. Remove the 4 screws (1).
4. Remove the DVD Deck in the direction of arrow (A).
5. Remove the 2 screws (2).
6. Remove the Angle Deck-R in the direction of arrow (B).
7. Remove the 2 screws (3).
8. Remove the Angle Deck-L in the direction of arrow (C).


## NOTE

1. Before your operation, please read "PREPARATION OF SERVICING".
2. Use the Lead Free solder.
3. Manual soldering conditions

- Soldering temperature: $350 \pm 5^{\circ} \mathrm{C}$
- Soldering time: Within 2 seconds
- Soldering combination: Sn-3.0Ag-0.5Cu

4. When Soldering/Removing of solder, use the drawing equipment over the Pick Up Unit to keep the Flux smoke away from it.
5. When installing the DVD Deck, remove all the soldering on the short circuit position after the connection of Pick Up PCB and DVD PCB connector.

## 1-6: DVD MT PCB (Refer to Fig. 1-6)

1. Disconnect the following connectors: (CP3808, CP4401 and CP4303).
2. Remove the 4 screws (1).
3. Remove the Shield FFC, Shield MPEG and DVD MT PCB in the direction of arrow.


Fig. 1-6

## 1-7: POWER PCB (Refer to Fig. 1-7)

1. Disconnect the following connectors: (CP3807, CP3810 and CP3811).
2. Remove the 4 screws (1).
3. Remove the Power PCB in the direction of arrow.


## DISASSEMBLY INSTRUCTIONS

## 1-8: SCALER PCB (Refer to Fig. 1-8)

1. Disconnect the following connectors:
(CP802, CP803, CP2200, and CP3201).
2. Remove the 2 screws (1).
3. Remove the 3 screws (2).
4. Remove the screw (3).
5. Remove the Plate Jack-3 in the direction of arrow (A).
6. Remove the 4 screws (4).
7. Remove the Shield Scaler in the direction of arrow (B).
8. Remove the 4 screws (5).
9. Remove the Scaler PCB in the direction of arrow (C).


Fig. 1-8

## 1-9: AV PCB (Refer to Fig. 1-9)

1. Disconnect the following connectors:
(CP301, and CP4202).
2. Remove the screw (1).
3. Remove the screw (2).
4. Remove the Plate Jack- 1 and Shield Jack- 1 in the direction of arrow (A).
5. Remove the 3 screws (3).
6. Remove the 2 screws (4).
7. Remove the Plate Jack-2 and Shield Jack-2 in the direction of arrow (B).
8. Remove the 6 screws (5).
9. Remove the AV PCB in the direction of arrow (C).


## 1-10: OPERATION PCB/OPERATION 2 PCB/ REMOCON PCB (Refer to Fig. 1-10)

1. Disconnect the following connector: (CP2251).
2. Remove the 2 screws (1).
3. Remove the Holder PCB-DVD in the direction of arrow (A).
4. Remove the 2 screws (2).
5. Remove the Operation 2 PCB in the direction of arrow (B).
6. Remove the 2 screws (3).
7. Remove the Holder PCB-TV in the direction of arrow (C).
8. Remove the 2 screws (4).
9. Remove the Operation PCB in the direction of arrow (D).
10. Remove the 2 screws (5).
11. Remove the Remocon PCB in the direction of arrow (E).


## DISASSEMBLY INSTRUCTIONS

## 1-11: LCD COVER/LCD PANEL (Refer to Fig. 1-11)

1. Remove the 3 screws (1).
2. Remove the screw (2).
3. Remove the 2 screws (3).
4. Remove the 2 screws (4).
5. Remove the Angle Hinge in the direction of arrow (A).
6. Remove the screw (5).
7. Remove the 8 screws (6).
8. Remove the LCD Cover in the direction of arrow (B).
9. Remove the 4 screws (7).
10. Remove the LCD Panel in the direction of arrow (C).


## DISASSEMBLY INSTRUCTIONS

## 2. REMOVAL OF DVD DECK PARTS NOTE

1. Disassemble only the DVD DECK PARTS parts listed here. Minute adjustments are needed if the disassembly is done. If the repair is needed except listed parts, replace the DVD MECHA ASS'Y.

## 2-1: TRAVERSE ASS'Y (Refer to Fig. 2-1-A)

1. Remove the 3 screws (1).
2. Unlock the 2 supports (2).
3. Remove the Insulator ( $R$ ) from the Loader Sub Ass'y.
4. Remove the Traverse Ass'y.


Fig. 2-1-A

## NOTE

1. In case of the Traverse Ass'y installation, hook the wire on the Loader Ass'y as shown Fig. 2-2-B to Fig. 2-2-D.


Fig. 2-1-C


2-2: SWITCH PCB ASS'Y/GEAR MIDDLE/GEAR FEED/RACK FEED ASS'Y/FEED MOTOR (Refer to Fig. 2-2-A)

1. Remove the Insulator ( F ).
2. Remove the Insulator (R).
3. Unlock the support (1).
4. Remove the Gear Middle.
5. Remove the screw (2).
6. Remove the Rack Feed Ass'y.
7. Remove the screw (3).
8. Remove the Switch PCB Ass'y.
9. Remove the screw (4).
10. Remove the Gear Feed.
11. Remove the 2 screws (5).
12. Remove the Feed Motor.
13. Remove the Gear Motor.


- Screw Torque: $1.3 \pm 0.3 \mathrm{kgf} \cdot \mathrm{cm}$ (Screw (2)
- Screw Torque: $3.0 \pm 0.3 \mathrm{kgf} \cdot \mathrm{cm}$ (Screw (3))
- Screw Torque: $1.0 \pm 0.3 \mathrm{kgf} \cdot \mathrm{cm}$ (Screw (4), (5)

Fig. 2-2-A

## DISASSEMBLY INSTRUCTIONS

## NOTE

1. When installing the Rack Feed Ass'y, push both ends to align the teeth as shown Fig. 2-2-B. Then install it.
2. In case of the Gear Motor installation, check if the value of the Fig. 2-2-C is correct.
3. When installing the wire of the Switch PCB Ass'y, install it correctly as Fig. 2-2-D.
Manual soldering conditions

- Soldering temperature: $350 \pm 5^{\circ} \mathrm{C}$
- Soldering time: Within 4 seconds
- Soldering combination: Sn-3.0Ag-0.5Cu

4. After the assembly of the Traverse Ass'y, hook the wire on the Traverse Ass'y as shown Fig. 2-2-E.


Fig. 2-2-B



- Loosen the wire in the direction of the arrow.

Fig. 2-2-E

## 2-3: FFC WIRE HANDLING

1. When installing the FFC, fold it correctly and install it as shown from Fig. 2-3-A to Fig. 2-3-B.

## NOTE

1. Do not make the folding lines except the specified positions for the FFC.


## DISASSEMBLY INSTRUCTIONS

## 3. REMOVAL AND INSTALLATION OF FLAT PACKAGE IC

## REMOVAL

1. Put the Masking Tape (cotton tape) around the Flat Package IC to protect other parts from any damage. (Refer to Fig. 3-1.)
NOTE
Masking is carried out on all the parts located within 10 mm distance from IC leads.


Fig. 3-1
2. Heat the IC leads using a blower type IC desoldering machine. (Refer to Fig. 3-2.)

## NOTE

Do not add the rotating and the back and forth directions force on the IC, until IC can move back and forth easily after desoldering the IC leads completely.


Fig. 3-2
3. When IC starts moving back and forth easily after desoldering completely, pickup the corner of the IC using a tweezers and remove the IC by moving with the IC desoldering machine. (Refer to Fig. 3-3.)

## NOTE

Some ICs on the PCB are affixed with glue, so be careful not to break or damage the foil of each IC leads or solder lands under the IC when removing it.

4. Peel off the Masking Tape.
5. Absorb the solder left on the pattern using the Braided Shield Wire. (Refer to Fig. 3-4.)

## NOTE

Do not move the Braided Shield Wire in the vertical direction towards the IC pattern.


## DISASSEMBLY INSTRUCTIONS

## INSTALLATION

1. Take care of the polarity of new IC and then install the new IC fitting on the printed circuit pattern. Then solder each lead on the diagonal positions of IC temporarily. (Refer to Fig. 3-5.)


Fig. 3-5
2. Supply the solder from the upper position of IC leads sliding to the lower position of the IC leads.
(Refer to Fig. 3-6.)


Fig. 3-6
3. Absorb the solder left on the lead using the Braided Shield Wire. (Refer to Fig. 3-7.)

## NOTE

Do not absorb the solder to excess.

Fig. 3-7

4. When bridge-soldering between terminals and/or the soldering amount are not enough, resolder using a Thintip Soldering Iron. (Refer to Fig. 3-8.)


Fig. 3-8
5. Finally, confirm the soldering status on four sides of the IC using a magnifying glass.
Confirm that no abnormality is found on the soldering position and installation position of the parts around the IC. If some abnormality is found, correct by resoldering.

## NOTE

When the IC leads are bent during soldering and/or repairing, do not repair the bending of leads. If the bending of leads are repaired, the pattern may be damaged. So, be always sure to replace the IC in this case.

## SERVICE MODE LIST

This unit provided with the following SERVICE MODES so you can repair, examine and adjust easily.
To enter to the SERVICE MODE function, press and hold both buttons simultaneously on the main unit and on the remote control for more than a the standard time in the appropriate condition. (See below chart.)

| Set Condition | Set Key | Remocon Key | Standard Time | Operations |
| :---: | :---: | :---: | :---: | :---: |
| TV mode | VOL. DOWN (Minimum) | 0 | 2 sec. | Releasing of V-CHIP PASSWORD. |
| TV mode | VOL. DOWN (Minimum) | 1 | 2 sec. | Initialization of factory TV data. <br> NOTE: If you set factory initialization, the memories are reset such as the channel setting, and the POWER ON total hours. |
| DVD mode (No disc) | VOL. DOWN (Minimum) | 4 | 2 sec. | Initialization of factory DVD data. |
| DVD mode (No disc) | VOL. DOWN \| (Minimum) | 5 | 2 sec. | DVD Write mode. <br> Refer to the "RE-WRITE FOR DVD FIRMWARE". |
| TV mode | VOL. DOWN (Minimum) | 6 | 2 sec. | POWER ON total hours are displayed on the screen. <br> Can be checked of the INITIAL DATA of MEMORY IC. <br> Refer to the "WHEN REPLACING EEPROM (MEMORY) IC". |
| TV mode | VOL. DOWN (Minimum) | 8 | 2 sec. | Check of the SUM DATA and MICON VERSION on the screen. Refer to the "WHEN REPLACING EEPROM (MEMORY) IC". |
| ALL mode | VOL. DOWN (Minimum) | 9 | 2 sec. | Display of the Adjustment MENU on the screen. <br> Refer to the "ELECTRICAL ADJUSTMENT" (On-Screen Display Adjustment). |
| DVD mode (No disc) | STOP | 1 | 2 sec. | Region setting. <br> Refer to the "RE-WRITE FOR DVD FIRMWARE". |
| DVD mode (No disc) | STOP | 7 | 2 sec. | Releasing of PARENTAL LOCK. <br> Refer to the "PARENTAL CONTROL - RATING LEVEL". |


| Method |  |
| :--- | :--- |
| Press the following remocon keys <br> continuously. | The disk cannot be taken out. |
| SETUP $\rightarrow$ SUBTITLE $\rightarrow 3 \rightarrow$ | Refer to the "TRAY LOCK". |
| AUDIO $\rightarrow 0$ |  |

## SERVICING FIXTURES AND TOOLS



| Ref. No. | Part No. | Parts Name | Remarks |
| :---: | :---: | :---: | :---: |
| JG176 | APJG176099 | Up-Date Disc | Up-Date of the Firmware |

## RE-WRITE FOR DVD FIRMWARE

1. Turn on the power, and set the DVD mode.
2. Confirm that the "No Disc" will be appeared on the screen.
3. Press both VOL. DOWN button on the set and Channel button (5) on the remote control for more than 2 seconds.
4. Press VOL. UP/DOWN button on the unit to check if all the keys on the unit do not function.

NOTE: To check if DVD Write mode is set. When inserting Up-Date Disc at Non DVD Write mode, the read error will happen.
5. Insert the Up-Date Disc. (Refer to SERVICING FIXTURE AND TOOLS)
6. Automatic read will start and "Firmware upgrade Please Wait" will be displayed on the screen.

At this time, the horizontal noise lines may appear. But no problem.
NOTE: Do not turn off the unit on the way or operate the keys on the unit and remocon.
Up-Date error will happen and can not be done with the Up-Date of Up-Date Disc.
7. After the Up-Date, Logo screen will appear.
8. Unplug the $A C$ cord, then plug it in.

After the write, set to the initializing of shipping.
9. Turn on the power, and set the DVD mode.
10. Press both VOL. DOWN button on the set and Channel button (4) on the remote control for more than 2 seconds. The "INITIALIZE 5 ---> COMPLETE" will appear on the screen.
11. Then unplug the AC cord, and plug it in.

## CHECK FOR THE FIRMWARE VERSION

12. Turn on the power, and set the DVD mode.
13. Press both Channel button (1) on the remote control and the STOP button on the set for more than 2 seconds. Firmware version will be displayed on the top left of the screen.


## WHEN REPLACING EEPROM (MEMORY) IC

## CONFIRMATION OF CHECK SUM, POWER ON TOTAL HOURS AND MICON VERSION

Initial total of MEMORY IC, POWER ON total hours and MICON VERSIONcan be checked on the screen. Total hours are displayed in 16 system of notation.
NOTE: If you set a factory initialization, the total hours is reset to " 0 ".
Please refer to "CONFIRMATION OF INITIAL DATA" when SUM DATA is not corresponding.

1. Turn on the POWER, and set to the TV mode.
2. Set the VOLUME to minimum.
3. Press both VOL. DOWN button on the set and Channel button (8) on the remote control for more than 2 seconds.
4. After the confirmation of each check sum, turn off the power.
*1 DVP1 is different according to each set.


FIG. 1

## CONFIRMATION OF INITIAL DATA

If a service repair is undertaken where it has been required to change the MEMORY IC, the following steps should be taken to ensure correct data settings while making reference to INITIAL SETTING TABLE (Attached "INITIAL DATA").

1. Turn on the POWER, and set to the TV mode.
2. Set the VOLUME to minimum.
3. Press both VOL. DOWN button on the set and Channel button (6) on the remote control for more than 2 seconds. ADDRESS and DATA should appear as FIG 1.


FIG. 1
4. ADDRESS is now selected and should "blink". Using the UP/DOWN button on the remote, step through the ADDRESS until Press RIGHT/LEFT button to select DATA. When DATA is selected, it will "blink".
5. Again, step through the DATA using UP/DOWN button until required DATA value has been selected.
6. Pressing RIGHT/LEFT button will take you back to ADDRESS for further selection if necessary.
7. Repeat steps 4 to 6 until all data has been checked.
8. When satisfied correct DATA has been entered, turn POWER off (return to STANDBY MODE) to finish DATA input.

After the data input, set to the initializing of shipping.
9. Turn POWER on.
10. Press both VOL. DOWN button on the set and Channel button (1) on the remote control for more than 2 seconds.
11. After the finishing of the initializing of shipping, the unit will turn off automatically.

The unit will now have the correct DATA for the new MEMORY IC.

INITIAL SETTING TABLE (20HLV86)

| Ad | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0000 | 00 | F4 | 14 | BD | B0 | 7C | 00 | C1 | 94 | FF | 0A | 00 | 90 | 95 | 60 | F1 |
| 0010 | 55 | 00 | 05 | 80 | AA | OD | 17 | 19 | 10 | 00 | 55 | 21 | 02 | 40 | 4F | C8 |
| 0020 | 00 | E0 | 1C | 20 | 1E | 74 | 4D | 03 | OB | 30 | 05 | 04 | 20 | 10 | 10 | 20 |
| 0030 | 18 | 3C | 4F | 20 | 10 | 00 | 20 | 18 | 10 | 30 | 3B | 3C | 40 | 00 | 00 | 2C |
| 0040 | 00 | 00 | 75 | 20 | F0 | E8 | 20 | 18 | 01 | 00 | 00 | 15 | 10 | 00 | 10 | OD |
| 0050 | 05 | 60 | 00 | 00 | 00 | 00 | 00 | 00 | 10 | 30 | 3B | 03 | 00 | 00 | 00 | 00 |
| 0060 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 04 |
| 0070 | 08 | 0A | 0B | 0C | 0D | 0E | 0F | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 |
| 0080 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 | 19 | 19 | 1 A | 1 A | 1B | 1B | C | 1 C |
| 90 | 1D | 1D | 1 E | 1E | 1F | 1F | 20 | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 24 | 24 |
| 00A0 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 19 | 18 |
| 00 | 18 | 18 | 18 | 18 | 18 | 18 | OA | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 00 |
| 00C0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 00D0 | 00 | 00 | 00 | 00 | 00 | 00 | 0B | 0E | 00 | 42 | 82 | 01 | 73 | 1 | 1 | 23 |
| 00E0 | OA | 40 | 00 | 00 | 9D | 63 | 2F | 93 | 80 | 80 | 80 | 80 | 78 | 00 | 00 | 00 |
| 00F0 | 00 | 00 | 00 | 00 | 00 | 4C | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 00 |
| 0100 | 03 | 40 | FA | 03 | 74 | 75 | 01 | A0 | 7D | 01 | BA | 3A | 01 | 23 | 8B | 01 |
| 0110 | 35 | 8E | 01 | 84 | B9 | 01 | 9C | C0 | 00 | 06 | 30 | 00 | 07 | 5 F | 01 | 98 |
| 0120 | 2A | 01 | C3 | 21 | 01 | 98 | 2A | 01 | C3 | 21 | 01 | 53 | 3E | 01 | 76 | F3 |
| 0130 | 01 | 09 | A5 | 01 | 25 | 9C | 01 | 0C | FB | 01 | 29 | 4B | 01 | 1E | FE | 01 |
| 0 | 3D | 34 | 06 | AC | 40 | 07 | 15 | D4 | 05 | A4 | C8 | 06 | 26 | 2A | 05 | 10 |
| 0150 | 00 | 72 | 99 | 59 | 68 | 99 | 59 | 59 | 99 | 59 | 00 | 00 | 00 | 00 | 00 | 00 |
| 0 | 00 | 00 | 00 | 00 | 00 | 00 | 33 | 37 | 3A | 40 | 42 | 44 | 46 | 48 | 4A | 4C |
| 0170 | 4E | 50 | 52 | 54 | 56 | 58 | 5A | 5C | 5F | 61 | 64 | 66 | 67 | 68 | 69 | 6A |
| 0180 | 6B | 6C | 6D | 6D | 6E | 6F | 70 | 71 | 71 | 72 | 72 | 73 | 73 | 74 | 74 | 75 |
| 0190 | 76 | 77 | 78 | 79 | 7A | 7B | 7C | 7D | 75 | 76 | 76 | 76 | 77 | 77 | 77 | 78 |
| 01A0 | 78 | 78 | 78 | 79 | 79 | 79 | 01 | OD | 8B | 01 | 29 | EB | 00 | 00 | 00 | 00 |
| B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 28 |
| 01C0 | 10 | 92 | FF | FF | 10 | 30 | B0 | DO | F0 | 7B | 30 | 57 | 7 A | 20 | 2 | D9 |
| 01D0 | 4D | 8C | 28 | 70 | 20 | 60 | 10 | 36 | 20 | A0 | 00 | 17 | 0D | 00 | 88 | 0F |
| 01E0 | 84 | 10 | C0 | E0 | 12 | 19 | 00 | F0 | OF | 00 | 3F | 3F | 00 | 0 | 0 | 00 |
| 01F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 0200 | 6B | 30 | 18 | F0 | 07 | 14 | 44 | 80 | 80 | 80 | 80 | 80 | 80 | 6F | 66 | B5 |
| 0210 | 30 | 0B | 0F | 02 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 00 | 00 | 0 | 0 | 00 |
| 0220 | 35 | 90 | 18 | 70 | 07 | 14 | 35 | 80 | 80 | 80 | 80 | 80 | 80 | 6F | 66 | B5 |
| 0900 | 31 | F0 | 28 | 1F | 08 | 08 | 20 | 80 | 80 | 80 | 7F | 7F | 7F | F2 | 6E | 80 |
| 09 | 20 | 04 | 04 | 02 | 00 | 00 | 00 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |


| 09F0 | 20 | 04 | OF | 02 | 0 | O0 | 00 | 1 | 00 | 0 | 0 | 0 | 00 | 00 | 00 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OA00 | 6B | 30 | 18 | F0 | 07 | 14 | 44 | DO | D0 | D0 | 7F | 7F | 7F | 6F | 66 | B5 |
| 00 | 60 | 00 | 88 | 80 | 2 C | 00 | 2 C | 00 | 89 | 80 | 88 | 00 | 50 | 00 | 00 | 00 |
| 2010 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 020 | 60 | 0 | 88 | 80 | 2C | 00 | 2 C | 00 | 89 | 80 | 88 | 00 | 50 | 00 | 00 | 00 |
| 030 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2040 | 60 | 00 | 88 | 80 | 2 C | 00 | 2 C | 00 | 88 | 80 | 33 | 00 | 50 | 01 | 00 | 00 |
| 2050 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 060 | 60 | 00 | 88 | 80 | 2C | 00 | 2 C | 00 | 88 | 80 | 77 | 00 | 50 | 06 | 00 | 00 |
| 70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 30 | 60 | 00 | 88 | 80 | 2C | 00 | 2 C | 00 | 88 | 80 | 88 | 00 | 50 | 00 | 00 | 00 |
| 2090 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| DA0 | 60 | 00 | 88 | 80 | 2C | 00 | 2 C | 00 | 88 | 80 | 88 | 00 | 50 | 00 | 00 | 00 |
| 20B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 20C0 | 18 | 71 | 38 | 05 | 00 | 6E | 9 C | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| D0 | 18 | 71 | 38 | 05 | 00 | 6E | 9 C | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 20E0 | 8 | 71 | 38 | 05 | 00 | 6E | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 20F0 | 18 | 71 | 38 | 05 | 00 | 6E | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2100 | 00 | 00 | 78 | 05 | 00 | 6E | 9 E | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2110 | EC | 54 | 5 C | 05 | 20 | 6E | AE | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2120 | EC | 54 | 5 | 05 | 20 | 6 | AE | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2130 | EC | 90 | 5C | 05 | 20 | 6E | AE | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 2 | EC | 70 | 5C | 05 | 20 | 6 E | AE | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2150 | EC | AC | 5C | 05 | 20 | 6E | AE | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2 | 38 | 05 | 19 | 00 | 18 | 01 | 00 | 98 | 0 | 05 | 00 | A0 | 9C | 02 | CF | 0B |
| 2170 | 58 | 05 | 19 | 00 | 26 | 02 | 00 | 98 | 0C | 05 | 00 | A0 | 9C | 02 | CF | OB |
| 21 | 38 | 05 | 1A | 00 | 18 | 01 | 00 | 98 | 0C | 05 | 00 | A0 | 9C | 02 | CF | B |
| 2190 | 58 | 05 | 19 | 00 | 26 | 02 | 00 | 98 | OC | 05 | 00 | A0 | 9 C | 02 | C | OB |
| 21A0 | 78 | 05 | 37 | 00 | 20 | 01 | 00 | 98 | OC | 05 | 00 | A0 | 9E | 02 | CF | 0B |
| 21B0 | 38 | 05 | 38 | 00 | 26 | 02 | 00 | 98 | 0C | 05 | 00 | A0 | 9C | 02 | CF | OB |
| 21C0 | 9C | 02 | 38 | 00 | 26 | 02 | 00 | 98 | 0C | 05 | 00 | A0 | 9C | 02 | CF | DB |
| 21D0 | 38 | 05 | 38 | 00 | 26 | 02 | 00 | 98 | OC | 05 | 00 | A0 | 9C | 02 | C | OB |
| 21E0 | 9C | 02 | 38 | 00 | 26 | 02 | 00 | 98 | OC | 05 | 0 | A0 | 9C | 02 | C | B |
| 21F0 | 9 | 02 | 7 C | 00 | 9C | 01 | 00 | 98 | OC | 05 | 00 | A0 | 9 C | 02 | C | OB |
| 200 | C4 | 04 | 26 | 00 | B0 | 02 | 00 | 98 | 0C | 05 | 00 | A0 | C4 | 04 | C | OB |
| 2210 | 22 | 07 | 20 | 00 | 08 | 02 | 00 | 98 | 0C | 05 | BC | F2 | 22 | 07 | CF | 0B |
| 2220 | 22 | 07 | 20 | 00 | 08 | 02 | 00 | 98 | OC | 05 | BC | F2 | 22 | 07 | CF | OB |
| 2230 | 68 | 05 | 15 | 00 | EC | 00 | 00 | 98 | OC | 05 | 00 | A0 | B8 | 02 | CF | 0B |
| 2240 | 68 | 05 | 15 | 00 | EC | 00 | 00 | 98 | 0C | 05 | 00 | A0 | AC | 02 | CF | OB |


| 2320 | D2 | 02 | 14 | 00 | F4 | 01 | 00 | 98 | 0 C | 05 | 00 | F0 | D0 | 02 | 4F | OA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2330 | D2 | 02 | 14 | 00 | F4 | 01 | 00 | 98 | OC | 05 | 00 | F0 | D0 | 02 | 4F | OA |
| 2340 | 52 | 03 | 14 | 00 | EA | 01 | 00 | 98 | OC | 05 | 00 | F0 | D0 | 02 | 4F | OA |
| 2350 | 52 | 03 | 1B | 00 | E2 | 01 | 00 | 98 | 0C | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 2360 | 22 | 03 | 14 | 00 | 62 | 02 | 00 | 98 | 0C | 05 | 00 | F0 | D0 | 02 | 4F | OA |
| 2370 | 22 | 03 | 14 | 00 | 62 | 02 | 00 | 98 | OC | 05 | 00 | F0 | D0 | 02 | 4F | 0A |
| 2380 | 00 | 04 | 10 | 00 | OA | 03 | 00 | 90 | OC | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 2390 | 00 | 04 | 1 C | 00 | OA | 03 | 00 | 90 | 0C | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 23A0 | 02 | 05 | 12 | 00 | DA | 02 | 00 | 90 | 0C | 05 | 00 | A | 02 | 04 | CF | OB |
| 23B0 | 02 | 05 | 14 | 00 | 0A | 03 | 00 | 90 | OC | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 23C0 | 52 | 05 | 14 | 00 | OA | 03 | 00 | 98 | OC | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 23D0 | 81 | 02 | 21 | 00 | E4 | 01 | 00 | 90 | OC | 05 | 00 | A0 | 02 | 04 | CF | OB |
| 23E0 | 96 | 0F | CA | B3 | 92 | 24 | C0 | C2 | 24 | 0B | 5C | 8A | 22 | 36 | 00 | 30 |
| 23F0 | A0 | 1B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 26 | 00 |
| 2400 | F8 | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 42 | 02 | 44 | 0 C | 40 | OC | 10 |
| 2410 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 2420 | 03 | 00 | DD | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1F | 70 | 00 | 00 | 00 | 00 |
| 2430 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2440 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2 | 96 | 0F | CA | B3 | 92 | 24 | C0 | C2 | 24 | 0B | 5 C | 8A | 22 | 36 | 00 | 30 |
| 2460 | A0 | 1B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 46 | 00 |
| 24 | F8 | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 42 | 02 | 44 | 0C | 40 | OC | 10 |
| 2480 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 2490 | 03 | 00 | DD | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1F | 70 | 00 | 00 | 00 | 00 |
| 24A0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 24B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 24C0 | 96 | OF | C8 | B3 | 92 | 24 | B4 | C2 | 18 | 0B | 50 | 8A | 19 | 36 | 00 | 30 |
| 24D0 | A0 | 1B | A0 | A0 | A0 | A0 | 6E | 2B | EC | 00 | 00 | 54 | 00 | 00 | C6 | 01 |
| 24E0 | EC | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 82 | 04 | 84 | 18 | 40 | 18 | 10 |
| 24F0 | 08 | 2C | 00 | 00 | 29 | 39 | 50 | A8 | OA | 00 | 00 | 00 | EE | 06 | 00 | 00 |
| 2500 | 00 | 00 | D9 | 08 | 24 | 00 | 10 | 04 | D | 18 | 1F | 70 | 00 | 00 | 00 | 00 |
| 2510 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2520 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2530 | 96 | 0F | C8 | B3 | 92 | 24 | C0 | C2 | 24 | OB | 5C | 8A | 22 | 36 | 00 | 30 |
| 2540 | A0 | 1B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| 2550 | F8 | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 42 | 02 | 44 | 0C | 40 | 0C | 10 |
| 2560 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 2570 | 03 | 00 | DD | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1F | 70 | 00 | 00 | 00 | 00 |
| 2580 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 2660 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2670 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 680 | 96 | 0F | CA | B3 | 92 | 24 | C0 | C2 | 24 | OB | 5C | 8A | 22 | 36 | 00 | 30 |
| 90 | A0 | B | 3C | A0 | 3C | 3 C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| A0 | F8 | 08 | 5A | CA | 1E | 68 | 00 | C0 | 10 | 42 | 02 | 44 | OC | 40 | OC | 10 |
| 26B0 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 26C0 | 03 | 00 | D1 | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1F | 70 | 00 | 00 | 00 | 00 |
| 26D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 26E0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 26F0 | 96 | OF | CA | B3 | 92 | 24 | C0 | C2 | 24 | OB | 5 | 8A | 22 | 36 | 00 | 30 |
| 2700 | A0 | 1B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| 2710 | F8 | 08 | 5A | CA | 1E | 68 | 00 | CO | 10 | 42 | 02 | 44 | OC | 40 | OC | 10 |
| 2720 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 2730 | 03 | 0 | D1 | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1F | 70 | 00 | 00 | 00 | 00 |
| 2740 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2750 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2760 | 96 | 0F | C8 | B3 | 92 | 24 | B4 | C2 | 18 | OB | 50 | 8A | 19 | 36 | 00 | 30 |
| 27 | A0 | 1 B | A0 | A0 | A0 | A0 | 6E | 2B | EC | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| 2780 | EC | 08 | 5A | CA | 1E | 68 | 00 | C0 | 10 | 82 | 04 | 84 | 18 | 40 | 18 | 10 |
| 2790 | 08 | 2 C | 00 | 00 | 21 | 39 | 50 | A8 | 08 | 00 | 00 | 00 | E | 04 | 00 | 00 |
| 27A0 | 03 | 00 | D1 | 06 | 24 | 00 | 10 | 04 | 7D | 18 | 1F | 70 | 00 | 00 | 00 | 00 |
| 27B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 27C0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 27D0 | 96 | OF | CA | B3 | 92 | 24 | C0 | C2 | 24 | OB | 5 C | 8A | 22 | 36 | 00 | 30 |
| 27E0 | A0 | 1B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| 27F0 | F8 | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 42 | 02 | 44 | OC | 40 | OC | 10 |
| 2800 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 2810 | 03 | 00 | DD | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1 F | 70 | 00 | 00 | 00 | 0 |
| 2820 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 830 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2840 | 96 | OF | CA | B3 | 92 | 24 | C0 | C2 | 24 | OB | 5C | 8A | 22 | 36 | 00 | 30 |
| 850 | A0 | 1 B | 3C | A0 | 3C | 3C | 32 | 58 | E9 | 00 | 00 | 54 | 00 | 00 | 06 | 0 |
| 2860 | F8 | 08 | 5A | CA | 1E | 68 | 00 | 80 | 10 | 42 | 02 | 44 | OC | 40 | O | 10 |
| 287 | 08 | 6C | 00 | 00 | A1 | 38 | 50 | A8 | 02 | 00 | 00 | 00 | E | 04 | 00 | 0 |
| 2880 | 03 | 0 | DD | 04 | 60 | 00 | 10 | 24 | 7 D | 28 | 1 F | 70 | 00 | 00 | 00 | 00 |
| 2890 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 28A0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 28B0 | 96 | OF | CA | B3 | 92 | 24 | B4 | C2 | 18 | 0B | 50 | 8A | 19 | 36 | 00 | 30 |
| 28C0 | A0 | 1B | 3C | A0 | 3C | 3 C | 32 | 58 | EC | 00 | 00 | 54 | 00 | 00 | 06 | 00 |


| 29A0 | AO | 1 B | 3C | A0 | 3C | 3C | 32 | A8 | -9 | 00 | 00 | 54 | 00 | 00 | , |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29B0 | EC | 08 | 5A | CA | 1E | 68 | 00 | A0 | 10 | 82 | 04 | 84 | 18 | 40 | 18 | 10 |
| 29C0 | 08 | 2C | 00 | 00 | 21 | 39 | 50 | A8 | 02 | 00 | 00 | 00 | EE | 04 | 00 | 00 |
| 29D0 | 03 | 00 | D5 | 04 | 60 | 00 | 10 | 24 | 7D | 28 | 1 F | 70 | 00 | 00 | 00 | 00 |
| 29E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 29F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2A00 | 96 | 0F | C8 | B3 | 92 | 24 | B4 | C2 | 18 | OB | 50 | 8A | 19 | 36 | 00 | 30 |
| 2A10 | A0 | 1B | A0 | A0 | A0 | AO | 6 | 2B | EC | 00 | 00 | 54 | 00 | 00 | 06 | 00 |
| 2A20 | EC | 08 | 5A | CA | 1E | 68 | 00 | C0 | 10 | 82 | 04 | 84 | 18 | 40 | 18 | 10 |
| 2A30 | 08 | 2C | 00 | 00 | 21 | 39 | 50 | A8 | 08 | 00 | 00 | 00 | E | 04 | 00 | 00 |
| 2A40 | 03 | 00 | D1 | 06 | 24 | 00 | 10 | 04 | 7 D | 18 | 1 F | 70 | 00 | 00 | 00 | 00 |
| 2A50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2A60 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2A | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2A80 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2A90 | 53 | 00 | 2E | 08 | 2B | 08 | 02 | 08 | OC | 00 | 05 | 00 | 98 | E1 | 2B | 01 |
| 2AAO | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2AB0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2AC0 | 53 | 00 | 2E | 08 | 2B | 08 | 02 | 08 | OC | 00 | 05 | 00 | 98 | E | 2B | 01 |
| 2AD0 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2A | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2AF0 | 53 | 00 | 2E | 08 | 2B | 08 | 02 | 08 | OC | 00 | 05 | 00 | 98 | E1 | 2B | 01 |
| 2 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B10 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B30 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B40 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B50 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 41 |
| 2B60 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B7 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | E2 | 32 | 01 |
| 2B80 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | C2 | 32 | 41 |
| 2B | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 2BA0 | 22 | 08 | 40 | 08 | 10 | 00 | 0F | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 4 |
| 2BB0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 2BC0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 2BD0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 2BE0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 2BF0 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 22 | 32 | 41 |
| 2 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 |  |


| 2CE0 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | Fo | 00 | FO | 00 | 00 | 00 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2CF | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D00 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D10 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 20 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D40 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D50 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | FO | 00 | FO | 00 | 00 | 00 | 00 |
| 2 D | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | FO | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 0 |
| 2D | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | FO | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2DC0 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2DE0 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | FO | 00 | F0 | 00 | 00 | 00 | 00 |
| 2D | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2E00 | 00 | 20 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2 E | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2E30 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2E40 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 0 |
| 2E50 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 | 00 |
| 2E60 | 00 | 60 | 00 | 40 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | F0 | 00 | 00 | 00 |  |
| 2E70 | 2A | 02 | 18 | FE | 4C | 73 | 4A | 73 | 1A | 00 | 00 | FE | 43 | 73 | 43 |  |
| 2 | 2A | 00 | 18 | FE | 48 | 73 | 4A | 73 | 1A | 00 | 00 | FE | 42 | 73 | 43 | 73 |
| 2E90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2EA0 | 06 | 0A | 70 | 1A | 06 | 14 | F9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2 | 06 | 1E | 51 | 17 | 06 | 0A | F8 | 00 | 00 |  | 00 | 00 | 00 | 00 | 00 | 0 |
| 2EC0 | 06 | OA | 70 | 1A | 06 | 14 | F9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2E | 06 | 1E | 51 | 17 | 06 | OA | F8 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2E | 06 | 0A | 70 | 1A | 06 | 14 | F9 | 00 | 00 |  | 00 | 00 | 00 | 00 | 00 | 00 |
| 2E | 06 | 1E | 51 | 17 | 06 | OA | F8 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2F00 | 06 | 0A | 70 | 1A | 06 | 14 | F9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2F | 06 | 1E | 51 | 17 | 06 | OA | F8 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2F20 | 06 | OA | 70 | 1A | 06 | 14 | F9 | 00 | 00 | 0 | 00 | 00 | 00 | 0 | 00 | 0 |
| 2F30 | 06 | 1E | 51 | 17 | 06 | OA | F8 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2 F | 06 | OA | 70 | 14 | 06 | 14 | F9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 3020 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3030 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| - | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |
| 3050 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | 4E | 00 | 27 | 00 | 9C | 2 |
| 3060 | 26 | 02 | 6A | 00 | 29 | 00 | 9C | 02 | 26 | 02 | DF | 00 | 1E | 00 | 00 | 00 |
| 3070 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3080 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 090 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 30A0 | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |
| 30B0 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | 4E | 00 | 26 | 00 | 90 | 02 |
| 30C0 | 26 | 02 | 6A | 00 | 29 | 00 | 9C | 02 | 26 | 02 | FF | 00 | 1E | 00 | 00 | 00 |
| 30D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 30E0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3100 | 00 | 10 | 9E | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 3E | 02 | 3E | 02 | 9E | 02 |
| 3110 | 00 | 00 | 3E | 02 | 01 | 00 | EO | 0A | 3F | 00 | 4E | 00 | 25 | 00 | 9E | 02 |
| 3120 | 3 E | 02 | 6A | 00 | 29 | 00 | 9E | 02 | 3E | 02 | FF | 00 | 1E | 00 | 00 | 00 |
| 3130 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3140 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3150 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3160 | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |
| 3170 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | 4E | 00 | 27 | 00 | 9C | 02 |
| 31 | 26 | 02 | 6A | 00 | 29 | 00 | 9C | 02 | 26 | 02 | DF | 00 | 1E | 00 | 00 | 00 |
| 3190 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 31 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 31B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 31 C | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 99 | 02 |
| 31D0 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | BA | 00 | 27 | 00 | 9C | 02 |
| 31E0 | 26 | 02 | 6A | 00 | 29 | 00 | 7E | 03 | 26 | 02 | DF | 00 | 1 E | 00 | 0 | 0 |
| 31F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3200 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3210 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3220 | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |
| 3230 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | 4E | 0 | 27 | 00 | 9C | 02 |
| 3240 | 26 | 02 | 6A | 00 | 29 | 00 | 9C | 02 | 26 | 02 | DF | 00 | 1 E | 00 | 00 | 00 |
| 3250 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 |
| 3260 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3270 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 280 | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |


| 3360 | B0 | 02 | A2 | 00 | 50 | 00 | C4 | 04 | B0 | 02 | DF | 00 | 2B | 00 | 00 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3370 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3380 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3390 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 33A0 | 00 | 10 | 22 | 07 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 22 | 07 |
| 33B0 | 00 | 00 | 04 | 02 | 01 | 00 | 62 | 09 | 3F | 00 | 86 | 00 | 3C | 00 | 22 | 07 |
| 0 | 06 | 02 | A2 | 00 | 3A | 00 | 22 | 07 | 29 | 02 | D | 00 | 2B | 00 | 00 | 00 |
| 33D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 00 |
| 33E0 | 1A | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 33F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3400 | 00 | 10 | 22 | 07 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 22 | 07 |
| 3410 | 00 | 00 | 04 | 02 | 01 | 00 | 62 | 09 | 3F | 00 | 86 | 00 | 3C | 00 | 22 | 07 |
| 3420 | 06 | 02 | A3 | 00 | 3A | 00 | 22 | 07 | 29 | 02 | DF | 00 | 2B | 00 | 00 | 00 |
| 430 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3440 | 1A | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3460 | 00 | 10 | AE | 02 | 00 | 00 | 00 | 00 | 7C | 09 | CC | 01 | 08 | 03 | AE | 02 |
| 34 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1 | 00 | AE | 02 |
| 3480 | 08 | 03 | 88 | 00 | 20 | 00 | AE | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 3490 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | AE | 02 | 00 | 00 |
| 34A0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 34B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 34C0 | 00 | 10 | 9E | 02 | 00 | 00 | 00 | 00 | 7C | 09 | CC | 01 | 08 | 03 | 9E | 02 |
| 34D0 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | F8 | 00 | 1 E | 00 | 9E | 02 |
| 34E0 | 08 | 03 | A4 | 00 | 20 | 00 | 98 | 03 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 34F0 | AD | 00 | 00 | 03 | FE | 03 | 05 | 10 | 71 | 00 | FF | 02 | 9D | 02 | 00 | 00 |
| 3500 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3510 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3520 | 00 | 10 | AE | 02 | 00 | 00 | 00 | 00 | 40 | 08 | 8F | 01 | 06 | 03 | AE | 02 |
| 3530 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1E | 00 | AE | 02 |
| 3540 | 08 | 03 | 88 | 00 | 20 | 00 | A | 02 | 08 | 03 | FF | 00 | 17 | 00 | 01 | 10 |
| 3550 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | A | 02 | 00 | 0 |
| 3560 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 |
| 3570 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3580 | 00 | 10 | AE | 02 | 00 | 00 | 00 | 00 | F3 | 08 | B2 | 01 | 08 | 03 | AE | 02 |
| 3590 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1E | 00 | AE | 02 |
| 35A0 | 08 | 03 | 88 | 00 | 20 | 00 | AE | 02 | 08 | 03 | FF | 00 | 1 E | 00 | 01 | 10 |
| 35B0 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | AE | 02 | 00 | 00 |
| 35C0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 36A0 | 00 | 10 | 9E | 02 | 00 | 00 | 00 | 0 | 7 C | 09 | CC | 01 | 08 | 03 | 9E |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36B0 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | F8 | 00 | 1E | 00 | 9E | 02 |
| 36C0 | 08 | 03 | A4 | 00 | 20 | 00 | 98 | 03 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 36D0 | AD | 00 | 00 | 03 | FE | 03 | 05 | 10 | 71 | 00 | FF | 02 | 9D | 02 | 00 | 00 |
| 36E0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 36F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 37 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | 40 | 08 | 8F | 01 | 06 | 03 | C2 | 02 |
| 3710 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3 F | 00 | 6C | 00 | 20 | 00 | C2 | 02 |
| 37 | 08 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 08 | 03 | FF | 00 | 17 | 00 | 01 | 10 |
| 3730 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | C2 | 02 | 00 | 00 |
| 3740 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 37 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 37 | 0 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | F3 | 08 | B2 | 01 | 08 | 03 | C2 | 02 |
| 37 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6 | 00 | 1E | 00 | C2 | 02 |
| 3780 | 08 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 37 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | C2 | 02 | 00 | 00 |
| 37A0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 37 | 00 | 00 | 00 | 00 | 00 | 0 |  | 0 | 00 | 0 | 0 | 00 | 00 | 00 | 00 | 00 |
| 37C0 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | 21 | 07 | 58 | 01 | 10 | 03 | C2 | 02 |
| 37D0 | 00 | 00 | 10 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 20 | 00 | C2 | 02 |
| 37E0 | 10 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 10 | 03 | FF | 00 | 18 | 00 | 01 | 10 |
| 37 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | C2 | 02 | 00 | 00 |
| 3800 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3810 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3820 | 00 | 10 | CE | 04 | 00 | 00 | 00 | 00 | 00 | 10 | D0 | 02 | D0 | 02 | CE | 04 |
| 3830 | 00 | 00 | D0 | 02 | 02 | 00 | 9E | 06 | 3F | 00 | 6 C | 00 | 20 | 00 | C | 04 |
| 3840 | D0 | 02 | 88 | 00 | 20 | 00 | CE | 04 | D0 | 02 | DF | 00 | 2B | 00 | 01 | 10 |
| 3850 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | D0 | 02 | C | 04 | 01 | 00 |
| 3860 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 |
| 3870 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 3880 | 00 | 10 | F8 | 06 | 00 | 08 | 00 | 00 | 00 | 10 | 02 | 02 | 02 | 02 | F8 | 06 |
| 3890 | 00 | 00 | 02 | 02 | 01 | 00 | 6E | 06 | 3 F | 00 | 8A | 00 | 30 | 00 | F8 | 06 |
| 38A0 | 02 | 02 | A6 | 00 | 16 | 00 | F8 | 06 | 1C | 02 | 00 | 00 | 2B | 0 | 01 | 10 |
| 38B0 | 01 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 02 | 02 | F8 | 06 | 00 | 00 |
| 38C0 | 03 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 38D0 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 38E0 | 00 | 10 | F8 | 06 | 00 | 08 | 00 | 00 | 00 | 10 | 02 | 02 | 02 | 02 | F8 | 06 |
| 38F0 | 00 | 00 | 02 | 02 | 01 | 00 | 6E | 06 | 3 F | 00 | 8A | 00 | 30 | 00 | F8 | 06 |
| 3900 | 02 | 02 | A6 | 00 | 16 | 00 | F8 | 06 | 1 C | 02 | 00 | 00 | 2B | 00 | 01 | 10 |


| 99 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3A00 | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3A10 | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3 F | 00 | 82 | 00 | 3C | 00 | 02 | 04 |
| 3A20 | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3A30 | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3A40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3A50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3A60 | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3A70 | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3F | 00 | 82 | 00 | 3C | 00 | 02 | 04 |
| 3A80 | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3A90 | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3A | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 0 | 10 | 06 | 02 | 06 | 02 | 00 | 04 |
| 3AD0 | 00 | 00 | 02 | 03 | 01 | 00 | 28 | 0A | 3F | 00 | 82 | 00 | 30 | 00 | 02 | 04 |
| 3AE0 | 06 | 02 | A2 | 00 | 18 | 00 | 50 | 03 | E2 | 01 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3AF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3B00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3B20 | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 00 | 04 |
| 3 | 00 | 00 | 02 | 03 | 01 | 00 | 28 | 0A | 3 F | 00 | 82 | 00 | 3 C | 00 | 02 | 04 |
| 3B40 | 06 | 02 | A2 | 00 | 18 | 00 | 62 | 04 | E2 | 01 | FF | 00 | 00 | 00 | 00 | 00 |
| 3B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3B | 42 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 3B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 3B | 00 | 10 | 02 | 04 | 00 | 08 | 00 |  | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3B90 | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3 F | 00 | 82 | 00 | 3C | 00 | 02 | 04 |
| 3BA0 | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3B | AC | 00 | 31 | 03 | 00 | 04 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3BD0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3B | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3B | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3F | 00 | 82 | 00 | 3C | 00 | 02 | 04 |
| 3C | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3 C 10 | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3C20 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3C30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3C40 | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |


| 3D20 | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 0 | 01 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3D30 | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3D40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3D50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3D | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3D70 | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3 F | 00 | 82 | 00 | 3 C | 00 | 02 | 04 |
| 3D | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 00 | 00 | 00 | 00 | 01 | 00 |
| 3D | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 02 |
| 3D | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3DB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3D | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 02 | 04 |
| 3D | 00 | 00 | 06 | 02 | 01 | 00 | F0 | 05 | 3F | 00 | 82 | 00 | 3C | 00 | 02 | 04 |
| 3D | 06 | 02 | A8 | 00 | 16 | 00 | 04 | 04 | 00 | 03 | 0 | 00 | 0 | 00 | 01 | 00 |
| 3D | AC | 00 | 31 | 03 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3E00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3E20 | 00 | 10 | 02 | 04 | 00 | 08 | 00 | 00 | 00 | 10 | 06 | 02 | 06 | 02 | 00 | 04 |
| 3E30 | 00 | 00 | 02 | 03 | 01 | 00 | EC | 09 | 3F | 00 | 82 | 00 | 3 C | 00 | 02 | 04 |
| 3E40 | 06 | 02 | A2 | 00 | 16 | 00 | 50 | 03 | E4 | 01 | FF | 00 | 00 | 00 | 00 | 00 |
| 3E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 02 |
| 3E60 | 42 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3 | 00 | 10 | B8 | 02 | 00 | 00 | 00 | 00 | 7C | 09 |  | 0 |  |  | B8 | 02 |
| 3E90 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1 E | 00 | B8 | 02 |
| 3EA0 | 08 | 03 | 88 | 00 | 20 | 00 | B8 | 02 | 08 | 03 | FF | 00 | 1 E | 00 | 01 | 10 |
| 3EB0 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 0 | 04 | 03 | B8 | 02 | 00 | 00 |
| 3EC0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 |
| 3E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 |
| 3E | 00 | 10 | 9E | 02 | 00 | 00 | 00 | 00 | 7 C | 09 | CC | 01 | 08 | 03 | 9E | 02 |
| 3E | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | F8 | 00 | 18 | 00 | 9 | 02 |
| 3F0 | 08 | 03 | A | 00 | 20 | 00 | 98 | 03 | 08 | 03 | FF | 00 | 1 L | 00 | 0 | 10 |
| 3 | AD | 00 | 00 | 03 | FE | 03 | 05 | 10 | 71 | 00 | FF | 02 | 9D | 02 | 00 | 00 |
| 3F | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 |
| 3F30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 3F40 | 00 | 10 | B8 | 02 | 00 | 00 | 00 | 00 | 40 | 08 | 8F | 01 | 06 | 03 | B8 | 02 |
| 3F50 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 0 | 6C | 00 | 1E | 00 | B8 | 02 |
| 3F60 | 08 | 03 | 88 | 00 | 20 | 00 | B8 | 02 | 08 | 03 | FF | 00 | 17 | 00 | 01 | 10 |
| 3F70 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | B8 | 02 | 00 | 00 |
| 3F80 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |


| 4060 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | 70 | 09 | CC | 01 | 08 | 03 | C2 | 02 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| O | 00 | 0 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1E | 00 | C2 | 02 |
| 4080 | 08 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 90 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | C2 | 02 | 00 | 00 |
| AO | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 40B0 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| C0 | 00 | 10 | 9E | 02 | 00 | 00 | 00 | 00 | 7C | 09 | CC | 01 | 08 | 03 | 9E | 02 |
| 40D0 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | F8 | 00 | 1E | 00 | 9E | 02 |
| 40E0 | 08 | 03 | A4 | 00 | 20 | 00 | 98 | 03 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 40F0 | AD | 00 | 00 | 03 | FE | 03 | 05 | 10 | 71 | 00 | FF | 02 | 9D | 02 | 00 | 0 |
| 4100 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4110 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4120 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | 40 | 08 | 8F | 01 | 06 | 03 | C2 | 02 |
| 4130 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 20 | 00 | C2 | 02 |
| 140 | 08 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 08 | 03 | FF | 00 | 17 | 00 | 01 | 10 |
| 4150 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 10 | 03 | C2 | 02 | 00 | 00 |
| 4160 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4170 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4180 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | 21 | 07 | 58 | 01 | 10 | 03 | C2 | 02 |
| 4190 | 00 | 00 | 10 | 03 | 02 | 00 | F8 | 05 | 3 F | 00 | 6 C | 00 | 20 | 00 | C2 | 02 |
| 41 A | 10 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 10 | 03 | FF | 00 | 18 | 00 | 01 | 10 |
| 41B0 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 10 | 03 | C2 | 02 | 00 | 00 |
| 41C0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 41E0 | 04 | 18 | B | 01 | 00 | 00 | 00 | 00 | F9 | 06 | E4 | 00 | 02 | 02 | BA | 01 |
| 41 | 00 | 00 | 00 | 02 | 01 | 00 | 3F | 02 | 95 | 00 | BE | 01 | 02 | 02 | 00 | 02 |
| 200 | FF | 2B | 48 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 4210 | 00 | 00 | 00 | 00 | 00 | 00 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 4220 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 230 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4240 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4250 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 426 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | 0F | 00 | 03 | 02 | 03 | 00 | 04 |
| 270 | 00 | 00 | 02 | 03 | 01 | 00 | 8 F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 280 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4290 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 |
| 42A0 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 42B0 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 42C0 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| AO | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| O | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 43 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 43D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 43E0 | 00 | 10 | 00 | 04 | 00 | 00 | 0 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 43F0 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | 0F | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4400 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4410 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 44 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 44 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4440 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4450 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4460 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | 5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 4470 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4480 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 |
| 4490 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 44A0 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 44B0 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 44C0 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 44D0 | 00 | 0 | 0 | 00 | 00 |  | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 44E0 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 44 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | OF | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4500 | FF | 63 | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4520 | 00 | 10 | 00 | 04 | 00 | 00 | 00 | 00 | F5 | OF | 00 | 03 | 02 | 03 | 00 | 04 |
| 4530 | 00 | 00 | 02 | 03 | 01 | 00 | 8F | 00 | 0F | 00 | 00 | 04 | 02 | 03 | 00 | 02 |
| 4540 | FF | 63 | 00 | 00 | 00 |  | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4550 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 45 | 00 | 10 | 82 | 02 | 00 | 00 | 00 | 00 | 00 | 10 | E4 | 01 | E4 | 01 | 82 | 02 |
| 4570 | 00 | 00 | E4 | 01 | 01 | 00 | 87 | 00 | 16 | 00 | 82 | 02 | E4 | 01 | 0 | 02 |
| 4580 | FF | 63 | 00 | 00 | 0 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4590 | 00 | 00 | 00 | 00 | 00 | 00 | 42 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 45A0 | E6 | 14 | FE | 01 | 0 | 08 | 00 | 00 | AC | 05 | 12 | 01 | 02 | 03 | FE | 01 |
| 45B0 | 00 | 00 | 02 | 03 | 01 | 00 | 5 C | 02 | CA | 00 | FE | 01 | 04 | 03 | 00 | 03 |
| 45C0 | FF | 2B | 1E | 00 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 00 |
| 45D0 | 00 | 00 | 00 | 00 | 00 | 00 | 52 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 45E0 | E6 | 14 | FE | 01 | 00 | 00 | 00 | 00 | 6E | OB | 23 | 02 | 02 | 03 | FE | 01 |
| 45F0 | 00 | 00 | 02 | 03 | 01 | 00 | 5 C | 02 | CA | 00 | FE | 01 | 04 | 03 | 00 | 03 |
| 4600 | FF | 63 | 1 E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 6E0 | 2D | 15 | FE | 01 | 00 | 00 | 00 | 00 | 90 | 09 | CE | 1 | 2 | 03 | FE | 01 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46F0 | 00 | 00 | 02 | 03 | 01 | 00 | 5C | 02 | CA | 00 | FE | 01 | 04 | 03 | 00 | 03 |
| 4700 | FF | 63 | CA | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4710 | 0 | 00 | 00 | 00 | 00 | 00 | 52 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 472 | 26 | 26 | FE | 01 | 00 | 08 | 00 | 00 | 40 | OE | B0 | 02 | 02 | 03 | FE | 01 |
| 4730 | 00 | 00 | 02 | 03 | 01 | 00 | 5C | 02 | CA | 00 | FE | 01 | 04 | 03 | 00 | 03 |
| 4740 | FF | 63 | 8 C | 00 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 750 | 00 | 00 | 00 | 00 | 00 | 00 | 52 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4760 | 0 | 39 | FE | 01 | 00 | 08 | 00 | 00 | B0 | 0A | 06 | 02 | 02 | 03 | FE | 01 |
| 770 | 00 | 00 | 02 | 03 | 01 | 00 | 5 C | 02 | C | 00 | FE | 01 | 04 | 03 | 00 | 03 |
| 4780 | FF | 63 | 8C | 00 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4790 | 0 | 00 | 00 | 00 | 00 | 00 | 52 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 47A0 | 26 | 3E | AE | 00 | 00 | 08 | 00 | 00 | 58 | 13 | 16 | 01 | E6 | 00 | AC | 00 |
| 47B0 | 0 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | 76 | 00 | AE | 00 | E6 | 00 | 00 | 02 |
| 47 C | FF | 2B | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 47 | 0 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 47 | 26 | 3E | AE | 00 | 00 | 08 | 00 | 00 | 58 | 13 | 16 | 01 | E6 | 00 | A | 00 |
| 47F0 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | C7 | 02 | AE | 00 | E6 | 00 | 00 | 02 |
| 4800 | FF | 2B | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4810 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4820 | CA | 3 E | AE | 00 | 00 | 00 | 00 | 00 | 00 | 10 | E6 | 00 | E6 | 00 | AC | 0 |
| 4830 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | 76 | 00 | A | 00 | E6 | 00 | 00 | 02 |
| 4840 | FF | 2B | 00 | 00 | 00 | OA | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4850 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4860 | CA | 3E | AE | 00 | 00 | 00 | 00 | 00 | 00 | 10 | E6 | 00 | E6 | 00 | AC | 00 |
| 4870 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | C7 | 02 | AE | 00 | E6 | 00 | 00 | 02 |
| - | FF | 2B | 00 | 00 | 00 | 0A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4890 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 48A0 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 48B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 48 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 80 | 25 | 10 | 0A | 11 |
| 48D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 48E0 | 38 | 00 | 3 C | 00 | 5E | 01 | 30 | 02 | 00 | 07 | OF | OF | 20 | 30 | OA | 11 |
| 48F0 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4900 | 40 | 00 | 3 C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 0 | 0A | 11 |
| 4910 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4920 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 10 | OA | 11 |
| 4930 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 |
| 4940 | 38 | 00 | $3 C$ | 00 | 5E | 01 | 30 | 02 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |


| 4A20 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 10 | OA |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4A30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A40 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 4A50 | 00 | 0 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4A60 | 38 | 00 | 3C | 00 | 5E | 01 | 30 | 02 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |
| 4A70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4A80 | 40 | 00 | 3C | 00 | A2 | 01 | 2A | 02 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 4A90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4AAO | 40 | 00 | 3C | 00 | A2 | 01 | D0 | 02 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 4AB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4AC0 | 52 | 00 | 6E | 00 | A | 02 | EE | 03 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 4AD0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4AE0 | 40 | 00 | A4 | 00 | 88 | 01 | E8 | 05 | 86 | 01 | 14 | 28 | 25 | 10 | 0A | 11 |
| 4 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4B00 | OF | 00 | 0F | 00 | AE | 01 | 80 | 02 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |
| 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4B20 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |
| 4B30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4B40 | 1E | 00 | 1 E | 00 | 76 | 02 | 6A | 04 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |
| 350 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4B60 | 32 | 00 | 32 | 00 | E0 | 01 | A4 | 06 | 00 | 07 | OF | OF | 20 | 30 | OA | 11 |
| 4B70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4B80 | 24 | 22 | 32 | 61 | 22 | 08 | 40 | 08 | 00 | 07 | OF | OF | 20 | 30 | 0A | 11 |
| 4B90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4BA0 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | A8 |
| 4BB0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | OF |
| 4 | 0A | 00 | 00 | 00 | OF | 08 | OA | 02 | 8C | 50 | 46 | 00 | 00 | 00 | C8 | 28 |
| 4BD0 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | A0 | 06 | 42 | 05 |
| 4BE0 | 1E | 0F | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| B\% | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4 COO | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 13 |
| 4 C 10 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 0 | 1E | OF |
| 4C20 | OA | 00 | 00 | 00 | OF | 08 | 0A | 02 | 8C | 50 | 46 | 0 | 00 | 00 | C8 | 28 |
| 4 C 30 | 1 E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | B4 | 06 | 42 | 05 |
| 4C40 | 1E | 0 | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 4C50 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4C60 | 80 | 80 | 80 | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 09 |
| 4C70 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 91 | 00 | 00 | 00 | 00 | 0 | 32 | 1E |
| 4C80 | 14 | 00 | 00 | 00 | 64 | 0F | 00 | 00 | 78 | 50 | 78 | 00 | 00 | 00 | 32 | 28 |


| 4D60 | 1E | OF | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4D70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4D80 | 80 | 80 | 80 | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4D90 | 01 | 0 | 11 | 00 | 00 | 01 | 08 | 00 | 90 | 00 | 00 | 00 | 00 | 00 | 32 | 1E |
| 4DA0 | 14 | 00 | 00 | 00 | 64 | 0F | 00 | 00 | 78 | 50 | 78 | 00 | 00 | 00 | 32 | 28 |
| 4DB0 | 64 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 06 | 42 | 05 |
| 4DC0 | 00 | 00 | 78 | 64 | 00 | 00 | 80 | E0 | 80 | E0 | 77 | 03 | 00 | 00 | 00 | 00 |
| 4DD0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4D | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4DF0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | 0 F |
| 4E00 | 0A | 00 | 00 | 00 | OF | 08 | 0A | 02 | 8C | 50 | 46 | 00 | 00 | 00 | C8 | 28 |
| 4E10 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 4E20 | 1E | OF | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 4E30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4E40 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4E50 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | 0 F |
| 4E60 | 0A | 00 | 00 | 00 | 0F | 08 | OA | 02 | 8C | 50 | 46 | 00 | 00 | 00 | C8 | 28 |
| 4E70 | 1 E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 4E80 | 1E | 0F | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 4E90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4EA0 | 80 | 80 | 80 | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4EB0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 92 | 00 | 00 | 00 | 00 | 00 | 32 | 1E |
| 4 | 14 | 00 | 00 | 00 | 64 | 0 F | 00 | 00 | 78 | 50 | 3C | 00 | 00 | 00 | 64 | 28 |
| 4ED0 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 4EE0 | 00 | 00 | 78 | 64 | 00 | 00 | 80 | E0 | 80 | E0 | 77 | 03 | 00 | 00 | 00 | 00 |
| 4EF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4F00 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 10 | 01 | 00 | 1 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 |  | 01 | 1E | OF |
| 4F20 | 0A | 00 | 00 | 00 | 0F | 08 | 0A | 02 | 8 C | 50 | 46 | 00 | 00 | 00 | C8 | 28 |
| F30 | 1 E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 4F40 | 1 E | OF | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 4F50 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4F60 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 00 | 00 | 00 |
| 4F70 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | OF |
| 4F80 | 0A | 00 | 00 | 00 | 0F | 08 | 0A | 02 | 8C | 50 | 46 | 00 | 00 | 00 | C8 | 28 |
| 4F90 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 4FA0 | 1E | 0 F | A0 | C8 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 4FB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 4F | 80 | 80 | 80 | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 50A0 | OA | 00 | 00 | 00 | OF | 08 | OA | 02 | 50 | 50 | 46 | 00 | 0 | 00 | 28 | 28 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50B0 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 50C0 | 1E | 0F | 50 | 28 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 50D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 50E0 | 7F | 80 | 7F | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 50F0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 8F | 00 | 00 | 00 | 00 | 00 | 32 | 1E |
| 5100 | 14 | 0 | 00 | 00 | OF | OF | 00 | 00 | 78 | 50 | 78 | 00 | 00 | 00 | 32 | 28 |
| 5110 | 46 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14 | 06 | 42 | 05 |
| 51 | 00 | 00 | 78 | 64 | 00 | 00 | 80 | EO | 80 | E0 | 76 | 03 | 00 | 00 | 00 | 00 |
| 5130 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 514 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5150 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | OF |
| 5160 | 0A | 00 | 00 | 00 | OF | 08 | OA | 02 | 50 | 50 | 46 | 00 | 00 | 00 | 28 | 28 |
| 5170 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 5180 | 1E | OF | 50 | 28 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 5190 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 51A0 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 51B0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | 0F |
| 51C0 | 0A | 00 | 00 | 00 | OF | 08 | OA | 02 | 50 | 50 | 46 | 00 | 00 | 00 | 28 | 28 |
| 5 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 51E0 | 1E | 0F | 50 | 28 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 51F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5200 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 5210 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | OF |
| 220 | 0A | 00 | 00 | 00 | OF | 08 | 0A | 02 | 50 | 50 | 46 | 00 | 00 | 00 | 28 | 28 |
| 5230 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 5240 | 1E | 0F | 50 | 28 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 5250 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 52 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 5270 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 03 | 00 | 08 | 01 | 1E | OF |
| 5280 | 0A | 00 | 00 | 00 | OF | 08 | 0A | 02 | 50 | 50 | 46 | 00 | 00 | 00 | 28 | 28 |
| 5290 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 52A0 | 1E | OF | 50 | 28 | 00 | 00 | 80 | 00 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| 52B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 52C0 | 7F | 80 | 7F | 80 | CC | 01 | 86 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 52D0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 8 F | 00 | 00 | 00 | 00 | 00 | 1E | 1 E |
| 52E0 | 0A | 00 | 00 | 00 | OF | OF | 00 | 00 | 50 | 50 | 14 | 00 | 00 | 00 | 3C | 28 |
| 52F0 | 14 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14 | 06 | C | 05 |
| 5300 | 00 | 00 | 00 | 00 | 00 | 00 | 80 | E0 | 80 | E0 | 7A | 00 | 00 | 00 | 00 | 00 |


| E0 | 7F | 80 | 7 F | 30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 53 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | B4 | 00 | 00 | 00 | 00 | 00 | 1E | 1E |
| 5400 | 0A | 00 | 00 | 00 | OF | 0F | 00 | 00 | 50 | 50 | 14 | 00 | 00 | 00 | 3C | 28 |
| 54 | 14 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14 | 06 | CE | 05 |
| 5420 | 00 | 00 | 78 | 64 | 00 | 00 | 80 | E0 | 80 | E0 | 83 | 03 | 00 | 00 | 00 | 00 |
| 5430 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5440 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5450 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 1E | OF |
| 5460 | 0A | 00 | 00 | 00 | 0F | 08 | 00 | 00 | 50 | 50 | 3 C | 00 | 00 | 00 | 28 | 28 |
| 5470 | 1E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 06 | 42 | 05 |
| 5480 | 1E | OF | 50 | 28 | 00 | 00 | 80 | E0 | 80 | 60 | 80 | 00 | 01 | 00 | 00 | 00 |
| 5490 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 54A0 | BE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 54B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 54C0 | D2 | D2 | 80 | 80 | 80 |  | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 0 | 00 |
| 54D0 | BE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 54E0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 54F0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5500 | BE | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 55 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 83 | 01 |
| 5520 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A | 80 | 20 | 00 | 00 | 00 | 00 |
| 55 | BE | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1 E | 00 | 00 | 00 |
| 5540 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5550 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5560 | BE | 00 | 00 | 00 | 50 |  | 3 C | 00 | 00 | 00 | 28 | 14 |  | 00 | 00 | 00 |
| 5570 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5580 | D2 | D2 | 80 | 80 | 80 | 00 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 00 |
| 5590 | BE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 55A0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 55B0 | 00 | 00 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 55C0 | BE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 0 |
| 55D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 55E0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 00 |
| 55F0 | BE | 00 | 00 | 00 | 50 | 28 | C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 5600 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5610 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5620 | BE | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 5630 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5640 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A | 80 | 20 | 00 | 00 | 00 | 00 |


| 5720 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5730 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5740 | 80 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 5750 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5760 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5770 | 57 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 57 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5790 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 57A0 | 57 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1 E | 00 | 00 | 00 |
| 57B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 57C0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 57D0 | 57 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 57E0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 57F0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A | 80 | 20 | 00 | 00 | 00 | 00 |
| 5800 | 57 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1 E | 00 | 00 | 00 |
| 5810 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5820 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 00 |
| 58 | 57 | 00 | 00 | 00 | 50 |  | 3 C | 00 | 00 | 00 | 28 | 14 |  | 00 | 00 | 00 |
| 5840 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5850 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5860 | 57 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 5870 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5880 | D2 | D2 | 80 | 80 | 7F | 7F | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 5890 | 57 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 58B0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 00 |
| 58 | 57 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 58D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 58E0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 58F0 | 80 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 5900 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 40 | 50 | 28 | 00 | 00 | 80 | 01 |
| 5910 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 0 |
| 5920 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 00 |
| 5930 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5940 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5950 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5960 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5970 | 80 | 00 | 00 | 04 | 6C | OA | 8D | 07 | 5E | 08 | 30 | 09 | 01 | 0A | D3 | OA |
| 5980 | A4 | O | 76 | OC | 47 | 0D | 05 | 00 | 76 | 04 | 44 | 00 | 00 | 04 | 00 |  |


| 5A60 | A4 | OB | 76 |  | 47 | OD | 05 | 00 | 76 | 04 |  | 00 | 00 | 04 | 0 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5A70 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 5A | OA | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | A4 | 02 | 1B | B4 |
| 5A | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5AA0 | 00 | 00 | 00 | 0 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5AC0 | 80 | 80 | 00 | 04 | 6 | A | 8D | 07 | 5 E | 08 | 30 | 09 | 01 | OA | D3 | 0A |
| 5A | 90 | OB | 6C | OC | 3 E | OD | 05 | 00 | 73 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5A | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 8A | 08 | 09 | 00 |
| 5AF0 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | A4 | 02 | 5B | B4 |
| 5B00 | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5B10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5B20 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| - | 80 | 00 | 00 | 04 | 6 C | OA | 8D | 07 | 5E | 08 | 30 | 09 | 01 | OA | D3 | 0A |
| 5B40 | A4 | 0B | 76 | OC | 47 | D | 35 | 00 | 56 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5B50 | 44 | 00 | 00 | 04 | 00 |  | 9E | 07 | C9 | 04 | 05 | 00 | 64 | 06 | 09 | O |
| 5B60 | OA | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | A4 | 02 | 5B | B4 |
| 5B | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5B80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5B90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5BAO | 80 | 00 | 00 | 04 | 6C | OA | 8D | 07 | 5 L | 08 | 30 | 09 | 01 | OA | D3 | OA |
| 5BB0 | A4 | 0B | 76 | OC | 47 | OD | 05 | 00 | 76 | 04 | 44 | 00 | 00 | 04 | 00 |  |
| 5BC0 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 5BD0 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | A4 | 02 | 1 B | B4 |
| 5 | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5B | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5C | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5C10 | 80 | 00 | 00 | 04 | CA | OD | 8D | 07 | 5E | 08 | 30 | 09 | 01 | OA | D3 | OA |
| 5C20 | A4 | OB | 76 | OC | 47 | OD | 05 | 00 | 76 | 04 | 44 | 00 | 00 | 04 | 00 |  |
| 5 | 44 | 00 | 00 | 04 | 00 |  | 9E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 5C40 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | 7E | 03 | 1B | B4 |
| 5 C 50 | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |
| 5C60 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5C70 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5C80 | 80 | 00 | 00 | 04 | 6C | OA | 8D | 07 | 5E | 08 | 30 | 09 | 01 | OA | D3 | OA |
| 5 C 90 | A4 | OB | 76 | OC | 47 | OD | 05 | 00 | 76 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5CA0 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 5CB0 | OA | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 66 | 00 | A4 | 02 | B | B4 |
| 5 | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 硅 | 39 | C7 | 13 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5DB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5DC0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5DD0 | 80 | 00 | 00 | 04 | 00 | 10 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 5DE0 | A4 | 08 | 55 | 09 | 14 | 0A | 05 | 00 | B2 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5DF0 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | B0 | 0A | 09 | 00 |
| 5 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 7A | OD | 9E | 00 | C4 | 04 | 1B | B5 |
| 5E1 | 39 | C7 | 68 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5E20 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5E30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5E40 | 80 | 00 | 00 | 04 | 00 | 10 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 5 | A4 | 08 | 55 | 09 | 14 | 0A | 05 | 00 | B2 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5E60 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 00 | 08 | 09 | 00 |
| 5E70 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | FC | 08 | 9E | 00 | 24 | 07 | 1B | B5 |
| 5E80 | 39 | C7 | 68 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5E90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 5EA0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5EB0 | 80 | 00 | 00 | 04 | 00 | 10 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 5EC0 | A4 | 08 | 55 | 09 | 4 | 0A | 05 | 00 | B2 | 04 | 44 | 00 | 00 | 04 | 00 | 04 |
| 5ED0 | 44 | 00 | 00 | 04 | 00 | 04 | 9E | 07 | C9 | 04 | 05 | 00 | 00 | 08 | 09 | 00 |
| 5EE0 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | FC | 08 | 9 F | 00 | 24 | 07 | 1 B | B5 |
| 5EF0 | 39 | C7 | 68 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5 F | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5F10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5F | 80 | 00 | 56 | 05 | E0 | 07 | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| 5F30 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 5F40 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 3D | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 5 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 1B | B3 |
| 5F60 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | 0F | 00 | AE | 01 | 80 | 02 |
| 5F7 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5F80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5F90 | 80 | 00 | 56 | 05 | 78 | OA | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| 5FA0 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 5FB0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 3D | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 5FC0 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 1B | B3 |
| 5FD0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | OF | 00 | AE | 01 | 80 | 02 |
| 5FE0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5FF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6000 | 80 | 00 | 56 | 05 | E0 | 07 | 1D | 07 | 4D | 07 | 68 | 07 | A | 07 | D9 |  |


| 60E0 | 80 | 00 | 56 | 05 | E0 | 07 | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 60F0 | 77 | 08 | 23 | 09 | 23 | 09 | 23 | 00 | DB | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6100 | 44 | 00 | 56 | 05 | 00 | 03 | DC | 05 | C3 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6110 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 58 | B3 |
| 6120 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | OF | 00 | AE | 01 | 80 | 02 |
| 6130 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6140 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6150 | 80 | 00 | 56 | 05 | EO | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 61 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6170 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6180 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 619 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 61A0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 61B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 61C0 | 80 | 00 | 56 | 05 | 78 | 0A | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 61 D | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 61E0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 61F0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6200 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 621 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6220 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6230 | 80 | 00 | 56 | 05 | E0 | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C | 07 | F2 | 07 |
| 6240 | 8 | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6250 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6260 | 0A | C0 | 40 | 00 | 00 | 00 | , | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6270 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 6280 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6290 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 62 | 80 | 80 | 56 | 05 | 1C | 08 | FB | 06 | 2B | 07 | 46 | 07 | 8A | 07 | B7 | 07 |
| 62B0 | 55 | 08 | 01 | 09 | 01 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 62C0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 62D0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 62E0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 62F0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6300 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6310 | 80 | 00 | 56 | 05 | E0 | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | 2 | 07 |
| 6320 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6330 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6340 | 0A | C | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |


| 6420 | OA | - | 40 | 00 | 00 | 00 |  | 04 | F | OB | 5 A | 00 | 90 | 07 | 1B | B3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6430 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 32 | 00 | 32 | 00 | E0 | 01 | A4 | 06 |
| - | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6450 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6460 | 80 | 00 | 56 | 05 | 00 | 10 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 6470 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | 45 | 06 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6480 | 44 | 00 | 56 | 05 | 00 | 03 | F6 | 05 | 3E | 03 | 05 | 00 | D6 | 0A | 09 | 00 |
| 6490 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | FF | 0B | B | 00 | 7E | 07 | 1B | B3 |
| 64A0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 32 | 00 | 32 | 00 | E0 | 01 | A4 | 06 |
| 64B0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 64C0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 64D0 | 80 | 00 | 56 | 05 | 7F | 07 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A | 07 |
| 64E0 | A4 | 08 | 55 | 09 | 14 | 0A | 15 | 00 | 08 | 06 | 44 | 00 | 00 | 04 | 00 | 03 |
| 64F0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 48 | 03 | 05 | 00 | 00 | 0A | 09 | 00 |
| 6500 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 5B | B3 |
| 6510 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 6520 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6530 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6540 | 80 | 00 | 00 | 04 | 00 | OA | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A | 07 |
| 6550 | A4 | 08 | 55 | 09 | 14 | 0A | 15 | 00 | 08 | 06 | EF | 00 | 00 | 04 | 00 | 03 |
| 65 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 48 | 03 | 05 | 00 | 00 | 0A | 09 | 0 |
| 6570 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 5B | B3 |
| 6580 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 6590 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 65A0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 65B0 | 80 | 00 | 56 | 05 | 6 | 08 | B6 | 05 | 57 | 06 | D | 06 | 68 | 07 | A0 | 07 |
| 65C0 | A4 | 08 | 55 | 09 | 14 | 0A | 02 | 00 | 08 | 06 | 44 | 00 | 00 | 04 | 0 | 03 |
| 65D0 | 44 | 00 | 56 | 05 | 00 | 03 | 08 | 06 | 55 | 03 | 05 | 00 | B0 | 09 | 09 | 00 |
| 65E0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | DB | B3 |
| 65 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E | 01 | D | 02 |
| 6600 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6610 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6620 | 80 | 00 | 56 | 05 | 40 | OB | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 6630 | A4 | 08 | 55 | 09 | 14 | 0A | 02 | 00 | 08 | 06 | EF | 00 | 00 | 04 | 00 | 03 |
| 6640 | 44 | 00 | 56 | 05 | 00 | 03 | 08 | 06 | 55 | 03 | 05 | 00 | B0 | 09 | 09 | 00 |
| 6650 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | DB | 33 |
| 6660 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 6670 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6680 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 6760 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6770 | 80 | 00 | 56 | 05 | 5E | 09 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 6780 | A4 | 08 | 55 | 09 | 14 | 0A | 0A | 00 | 08 | 06 | 44 | 00 | 00 | 04 | 00 | 03 |
| 6790 | 44 | 00 | 56 | 05 | 00 | 03 | F6 | 05 | 29 | 03 | 05 | 00 | 80 | OC | 09 | 00 |
| 67 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 9B | B2 |
| 67B0 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 67C0 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 67D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 67 | 80 | 00 | 00 | 04 | 80 | 0C | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 67 F | A4 | 08 | 55 | 09 | 14 | OA | 0A | 00 | 08 | 06 | EF | 00 | 00 | 04 | 00 | 03 |
| 6800 | 44 | 00 | 56 | 05 | 00 | 03 | F6 | 05 | 29 | 03 | 05 | 00 | 80 | OC | 09 | 00 |
| 6810 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 9B | B2 |
| 820 | 05 | C0 | 7D | 00 | 3 C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 6830 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6840 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 |
| 850 | 80 | 0 | 56 | 05 | FE | OB | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 6860 | A4 | 08 | 55 | 09 | 14 | OA | OD | 00 | 08 | 06 | 44 | 00 | 00 | 04 | 00 | 03 |
| 870 | 44 | 00 | 56 | 05 | 00 | 03 | FA | 05 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6880 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 9B | B2 |
| 68 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 68A0 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 68 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 68C0 | 80 | 00 | 00 | 04 | 00 | 10 | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A | 07 |
| 68D0 | A4 | 08 | 55 | 09 | 14 | 0A | OD | 00 | 08 | 06 | EF | 00 | 00 | 04 | 00 | 03 |
| 68E0 | 44 | 00 | 56 | 05 | 00 | 03 | FA | 05 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 68F0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 9B | B2 |
| 6900 | 05 | C0 | 7D | 00 | 3 C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | E0 | 01 | D0 | 02 |
| 6910 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6920 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6930 | 80 | 00 | 56 | 05 | FE | OE | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 69 | A | 08 | 55 | 09 | 14 | OA | 04 | 00 | 08 | 06 | 44 | 00 | 00 | 05 | 00 | 03 |
| 6950 | 44 | 00 | 56 | 05 | 00 | 03 | F7 | 05 | 1D | 03 | 05 | 00 | 00 | 0F | 09 | 00 |
| 6960 | 0 A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 18 | 00 | 32 | 04 | 5 B | B2 |
| 6970 | 05 | C0 | 7D | 00 | 3C | 00 | 60 | 05 | 00 | 00 | 00 | 00 | EO | 01 | D0 | 02 |
| 6980 | 20 | 05 | 00 | 00 | 00 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 6990 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 69A0 | 80 | 00 | 56 | 05 | FE | OE | B6 | 05 | 57 | 06 | DC | 06 | 68 | 07 | A0 | 07 |
| 69B0 | A4 | 08 | 55 | 09 | 14 | OA | 05 | 00 | 08 | 06 | 44 | 00 | 00 | 05 | 00 | 03 |
| 69 CO | 44 | 00 | 56 | 05 | 00 | 03 | F7 | 05 | 1D | 03 | 05 | 00 | 00 | 10 | 09 | 00 |


| 6AAO | 44 | 00 | 00 | 04 | 00 | 04 |  | 07 | C9 | 04 | 05 | 00 | 80 | 07 | 09 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6AB0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 9E | 00 | 00 | 04 | 1B | B4 |
| C0 | 39 | C7 | A4 | 00 | 40 | 00 | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6AD0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6AE0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6AFO | 80 | 00 | 56 | 05 | EO | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 300 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6B10 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6B20 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6B30 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 0 F | 00 | OF | 00 | A | 01 | 80 | 02 |
| 6B40 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6B50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6B60 | 80 | 00 | 56 | 05 | 78 | 0A | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| B70 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6B80 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6B90 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6BA0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | OF | 00 | AE | 01 | 80 | 02 |
| 6BB0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6BC0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 6BD0 | 80 | 00 | 56 | 05 | E0 | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 6BE0 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6BF0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | 2 |
| 6C10 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 0 F | 00 | OF | 00 | AE | 01 | 80 | 02 |
| 6C20 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6C30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6C40 | 80 | 80 | 56 | 05 | 1C | 08 | FB | 06 | 2B | 07 | 46 | 07 | 8A | 07 | B7 | 07 |
| 6 | 55 | 08 | 01 | 09 | 01 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6C60 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6C | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6C80 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | OF | 00 | AE | 01 | 80 | 02 |
| 6C90 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6CA0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6CB0 | 80 | 00 | 56 | 05 | EO | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 6CC0 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6CD0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6CE0 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6CF0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 0F | 00 | 0F | 00 | AE | 01 | 80 | 02 |
| 6D00 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |


| 6D | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | , |  |
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| 6DF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6E00 | 80 | 00 | 56 | 05 | E0 | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 6E10 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6E | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6E30 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6E40 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 6E5 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6E60 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6E70 | 80 | 80 | 56 | 05 | 1C | 08 | FB | 06 | 2B | 07 | 46 | 07 | 8A | 07 | B7 | 07 |
| 6E80 | 55 | 08 | 01 | 09 | 01 | 09 | 05 | 00 | F | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6E | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6EA0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 6EC0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6E | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6EE0 | 80 | 00 | 56 | 05 | E0 | 07 | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| 6EF0 | 8E | 08 | 3A | 09 | 3A | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6F0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 27 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6F10 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 6 F | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 6F30 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6F50 | 80 | 00 | 56 | 05 | E0 | 07 | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| 6F | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6F7 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 3D | 03 | 05 | 00 | 00 | 10 | 09 | 0 |
| 6F80 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 1B | B3 |
| 6F90 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | 0F | 00 | AE | 01 | 80 | 02 |
| 6FA0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6F | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 6FC0 | 80 | 00 | 56 | 05 | 78 | OA | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| 6FD | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 | 03 |
| 6FE0 | 44 | 00 | 56 | 05 | 00 | 03 | F8 | 05 | 3D | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 6FF0 | OA | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 1B | B3 |
| 7000 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | OF | 00 | 0F | 00 | AE | 01 | 80 | 02 |
| 7010 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7020 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7030 | 80 | 00 | 56 | 05 | E0 | 07 | 1D | 07 | 4D | 07 | 68 | 07 | AC | 07 | D9 | 07 |
| 7040 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | F8 | 05 | 44 | 00 | 56 | 05 | 00 |  |


| 7120 | 77 | 08 | 23 | 09 | 23 | 09 | 25 | 00 | DB | 05 | 44 | 00 | 56 | 05 | 00 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7130 | 44 | 00 | 56 | 05 | 00 | 03 | DC | 05 | C3 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 140 | 0A | C0 | 40 | 00 | 00 | 80 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 5B | B3 |
| 7150 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 0F | 00 | 0F | 00 | AE | 01 | 80 | 02 |
| 7160 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7170 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7180 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7190 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 71A0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 71B0 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 71C0 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 71D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 71E0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 71F0 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7200 | 14 | 00 | 00 | 00 | 64 | 00 | 50 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7210 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 220 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 8C | 00 |
| 7230 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7250 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 7260 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 7270 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 80 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7290 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 72A0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 72B0 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 72C0 | 14 | 00 | 00 | 00 | 64 | 00 | 50 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 72D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 72E0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 8C | 00 |
| 72F | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 7300 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7310 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | F | FF |
| 7320 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 7330 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7340 | 14 | 00 | 00 | 00 | 64 | 00 | 78 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7350 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 7360 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| 7370 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7380 | 14 | 00 | 00 | 00 | 64 | 00 | 50 | 00 | 01 | 10 | 01 | 00 | 0 | 04 | 00 | 04 |


| 7460 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 78 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7470 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7480 | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7490 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 74A0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 74B0 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 74 CO | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 74D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 74E0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 74F0 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7500 | 14 | 00 | 00 | 00 | 64 | 00 | 50 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7510 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 7520 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 8C | 00 |
| 7530 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7540 | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 7550 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 7560 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 7570 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7580 | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 00 | 04 |
| 75 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 75A0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 75B0 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 75 | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | AC | 00 | 00 | 03 | 00 | 04 |
| 75D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 75E0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 75F0 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7600 | 14 | 00 | 00 | 00 | 28 | 00 | 28 | 00 | 01 | 10 | AC | 00 | 00 | 03 | 00 | 4 |
| 7610 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| 76 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 30 | 00 | 50 | 00 |
| 7630 | 50 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7640 | 14 | 00 | 00 | 00 | 28 | 00 | 00 | 00 | 01 | 10 | 01 | 00 | 00 | 04 | 0 | 04 |
| 7650 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 7 | 20 | 26 | 20 | FF | FF | FF | FF |
| 7660 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 28 | 00 |
| 7670 | 00 | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7680 | 14 | 00 | 02 | 02 | 64 | 00 | 50 | 00 | 01 | 10 | 7 | 00 | 00 | 04 | 06 | 03 |
| 7690 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 7 | 20 | 26 | 20 | FF | FF | FF | F |
| 76A0 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 8C | 00 |
| 76B0 | 8C | 00 | 40 | 00 | 00 | 04 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 76C0 | 14 | 00 | 00 | 00 | 64 | 00 | 28 | 00 | 01 | 10 | AC | 00 | 00 | 03 | 00 | 04 |


| A0 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | , |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 77B0 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 77C0 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 77D0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 77 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 77 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 0 |
| 7800 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7810 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7820 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7830 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7840 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10 | 0 | 00 | 00 | 00 | 00 | 0 | 0 |
| 7850 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7860 | 00 | 00 | 46 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7870 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 06 | 00 | 00 | 00 |
| 7880 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7890 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 78A0 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 78B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 78C0 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 78 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 78E0 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 78 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7900 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7910 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7920 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7930 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7940 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7950 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7960 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7970 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7980 | 00 | 00 | 46 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7990 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 06 | 00 | 00 | 00 |
| 79A | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 79B0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 79C0 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 79D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 79E0 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 79F0 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7A00 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 7AE0 | 01 | 00 | 0 | 00 | 42 | 00 | 00 | 0 | 00 | 00 | 0 | 0 | 05 | 00 | 0 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7AF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7B00 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B10 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 20 | 06 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B30 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B40 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7B5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7B60 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B70 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B80 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7B90 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7BA0 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7BB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7BC0 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 B | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 7BE0 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7BF0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| $7 \mathrm{C00}$ | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7 C 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7C20 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 C 30 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 7 C | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 C 50 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7 C 70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7 C | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| $7 \mathrm{C90}$ | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CA0 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CB0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CC0 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CD0 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CE0 | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7CFO | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7D00 | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7D10 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7D20 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7D30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 00 |
| 7D40 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |


| 7E20 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
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| 7E30 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7E40 | 01 | 00 | 00 | 00 | 42 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 00 | 00 | 00 |
| 7E50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 44 | 00 | 00 | 0 |
| 7E60 | 00 | 00 | 49 | 00 | 00 | 00 | 43 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 7E70 | 00 | 00 | 00 | 00 | 00 | 00 | 46 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7E80 | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7E90 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7E | 01 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7EB0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7EC0 | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7ED0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7E | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7EF | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F00 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F20 | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F40 | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F60 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F80 | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7FA | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7FB0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7FD0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7F | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 7FF0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 80 | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| 8010 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8020 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8030 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 | 0 |
| 8040 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8050 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8060 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8070 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8080 | 3 E | 74 | A | 3E | 74 | AE | 3E | 74 | AE | 3E | 74 | AE | 3E | 74 | AE | 3E |


| 8160 | FF | E3 | 14 | 00 | 00 | 08 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
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| 8170 | 00 | 00 | 00 | 00 | 00 | 00 | 72 | 09 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8180 | 00 | 10 | 9C | 02 | 00 | 00 | 00 | 00 | 00 | 10 | 26 | 02 | 26 | 02 | 9C | 02 |
| 8190 | 00 | 00 | 26 | 02 | 01 | 00 | 5A | 08 | 3F | 00 | 4E | 00 | 27 | 00 | 9C | 02 |
| 81A0 | 26 | 02 | 6A | 00 | 29 | 00 | 9C | 02 | 26 | 02 | 00 | 00 | 1 E | 00 | FF | FF |
| 81B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | 00 | 02 |
| 0 | 03 | 00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 81D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 81 | 80 | 00 | 00 | 04 | 6C | FF | 8D | 07 | 5E | 08 | 30 | 09 | 01 | OA | D3 | 0A |
| 81F0 | A4 | OB | 76 | OC | 47 | FF | 1 C | 00 | 56 | 05 | 2 | 00 | 00 | 04 | 00 | 04 |
| 82 | 2 C | 00 | 00 | 04 | 00 | FF | 9E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 8210 | 0A | C0 | 40 | 00 | 00 | FF | 10 | 04 | 00 | 10 | 20 | 00 | FB | 02 | 1B | B4 |
| 8220 | 39 | CE | 00 | 00 | 28 | FF | 56 | 05 | FF | FF | FF | FF | FF | FF | FF | FF |
| 230 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 240 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 8250 | 80 | 00 | 00 | 04 | CF | FF | 8D | 07 | 5E | 08 | 30 | 09 | 01 | 0A | D3 | 0A |
| 8260 | A4 | 0B | 76 | OC | 47 | FF | 1C | 00 | 56 | 05 | A8 | 00 | 00 | 04 | 00 | 04 |
| 8270 | 2 C | 00 | 00 | 04 | 00 | FF | 9 E | 07 | C9 | 04 | 05 | 00 | 8C | 08 | 09 | 00 |
| 8280 | 0A | C0 | 40 | 00 | 00 | FF | 10 | 04 | 00 | 10 | 20 | 00 | FB | 02 | 1B | B4 |
| 82 | 39 | C7 | 00 | 00 | 28 | FF | 56 | 05 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 82A0 | 00 | 00 | 00 | 00 | 00 | FF | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 82B0 | 00 | 00 | 00 | 00 | 00 | FF | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | FF |
| 82C0 | C4 | 04 | 26 | 00 | B0 | 02 | 00 | 98 | OC | 05 | 00 | A0 | C4 | 04 | CF | OB |
| 82D0 | D2 | 04 | 1E | 00 | D0 | 02 | 00 | 98 | 0 C | 05 | 00 | A0 | C | 04 | CF | 0B |
| 82E0 | 57 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 82F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 73 | 01 |
| 8300 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 310 | 57 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 |  | 1 E | 00 | 00 | 00 |
| 8320 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 73 | 01 |
| 析 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8340 | 57 | 00 | 00 | 00 | 50 | 28 | 3 | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 350 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 73 | 01 |
| 8360 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 0 | 0 | 00 | 00 |
| 83 | 57 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8380 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 73 | 01 |
| 8390 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | AO | 80 | 20 | 00 | 00 | 00 | 00 |
| 83A0 | 59 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 83B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 0 | 73 | 01 |
| 83 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |


| 84A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 84B0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 84C0 | AB | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 84D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 84E0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 84F0 | 71 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8500 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 8510 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8520 | 71 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8530 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 8540 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8550 | 72 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8560 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 8570 | D2 | D2 | 7E | 80 | 7E | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8580 | 71 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8590 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 85A0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 85B0 | 71 | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 85C0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 85D0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 85 | 72 | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 85F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 71 | 01 |
| 8600 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8610 | DE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1 L | 00 | 00 | 00 |
| 8620 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 8630 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8640 | DE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1 | 00 | 00 | 00 |
| 8 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 8660 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 867 | DE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 8680 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 8690 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 86A0 | DE | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 86B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 86C0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 86D0 | DE | 00 | 00 | 00 | 50 | 28 | 3C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |
| 86E0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 50 | 28 | 00 | 00 | 80 | 01 |
| 86F0 | D2 | D2 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8700 | D | 00 | 00 | 00 | 50 | 28 | 3 C | 00 | 00 | 00 | 28 | 14 | 1E | 00 | 00 | 00 |


| 87E0 | 3C | 05 | 49 | 00 | DA | 01 | 0 | 98 | OC | 05 | 00 | A0 | 80 | 02 | CF | B |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 87F0 | 3C | 05 | 36 | 00 | DA | 01 | 00 | 98 | OC | 05 | 00 | A0 | 80 | 02 | CF | OB |
| 800 | 3C | 05 | 60 | 00 | DA | 01 | 00 | 98 | 0 C | 05 | 00 | AO | 80 | 02 | CF | OB |
| 810 | 00 | 10 | 80 | 02 | 00 | 00 | 00 | 00 | 7 C | 09 | CC | 01 | 08 | 03 | 80 | 02 |
| 8820 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1 E | 00 | 80 | 02 |
| 8830 | 08 | 03 | 90 | 00 | 20 | 00 | 80 | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 8840 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | 80 | 02 | 00 | 00 |
| 8850 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8860 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8870 | 00 | 10 | 56 | 02 | 00 | 00 | 00 | 00 | 7C | 09 | CC | 01 | 08 | 03 | 56 | 02 |
| 88 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | D9 | 00 | 1E | 00 | 56 | 02 |
| 8890 | 08 | 03 | 90 | 00 | 20 | 00 | 2E | 03 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 88A0 | AD | 00 | 00 | 03 | FE | 03 | 05 | 10 | 65 | 00 | FF | 02 | 55 | 02 | 00 | 00 |
| 88 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 88C0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 0 | 00 | 10 | 80 | 02 | 00 | 00 | 00 | 00 | 35 | 08 | 90 | 01 | OC | 03 | 80 | 02 |
| 88E0 | 00 | 00 | OC | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 20 | 00 | 80 | 02 |
| 88F0 | OC | 03 | 90 | 00 |  | 00 | 80 | 02 | OC | 03 | FF | 00 | 7 | 0 | 01 | 10 |
| 8900 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | 80 | 02 | 00 | 00 |
| 89 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8920 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8930 | 00 | 10 | 80 | 02 | 00 | 00 | 00 | 00 | EE | 08 | B1 | 01 | 08 | 03 | 80 | 02 |
| 8940 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1E | 00 | 80 | 02 |
| 8950 | 08 | 03 | 90 | 00 | 20 | 00 | 80 | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 8960 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | 80 | 02 | 00 | 00 |
| 8970 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8980 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8990 | 00 | 10 | 80 | 02 | 00 | 00 | 00 | 00 | 2D | 07 | 5C | 01 |  |  | 80 | 02 |
| 89 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 20 | 00 | 80 | 02 |
| 89B0 | 08 | 03 | 90 | 00 | 20 | 00 | 80 | 02 | 08 | 03 | FF | 00 | 18 | 00 | 01 | 10 |
| 89C0 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | 80 | 02 | 00 | 00 |
| 89D0 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 89E0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 0 | 00 | 0 | 0 | 0 | 00 |
| 89F0 | 00 | 10 | C2 | 02 | 00 | 00 | 00 | 00 | F3 | 08 | B2 | 01 | 08 | 03 | C2 | 02 |
| 8A00 | 00 | 00 | 08 | 03 | 02 | 00 | F8 | 05 | 3F | 00 | 6C | 00 | 1 E | 00 | C2 | 02 |
| 8A10 | 08 | 03 | 88 | 00 | 20 | 00 | C2 | 02 | 08 | 03 | FF | 00 | 1E | 00 | 01 | 10 |
| 8A20 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | 04 | 03 | C2 | 02 | 00 | 0 |
| 8A30 | 12 | 01 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 8A | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


|  | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |  |  |  |  |  |  |  |
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| 8B30 | 80 | 80 | 80 | 80 | 80 | 80 | 00 | 00 | 40 | A0 | 80 | 20 | 00 | 00 | 00 | 00 |
| 8B40 | 80 | 00 | 56 | 05 | 02 | 07 | 4E | 06 | 7E | 06 | 99 | 06 | DD | 06 | 0 | 07 |
| 8B50 | A8 | 07 | 54 | 08 | 54 | 08 | 05 | 00 | 6E | 06 | 44 | 00 | 80 | 02 | 00 | 03 |
| 8B60 | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 8B70 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 8B80 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | , |
| 8B90 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8BA0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8BB0 | 80 | 00 | 56 | 05 | 58 | 09 | 4E | 06 | 7E | 06 | 99 | 06 | DD | 06 | OC | 07 |
| 8B | A8 | 07 | 54 | 08 | 54 | 08 | 05 | 00 | 6E | 06 | 44 | 00 | 56 | 05 | 00 | 03 |
| 8B | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 8BE0 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 8BF0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 4 | 00 | 4 | 00 | A4 | 01 | 76 | 倍 |
| 8C00 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8C10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8C20 | 80 | 00 | 56 | 05 | 02 | 07 | 4E | 06 | 7 E | 06 | 99 | 06 | DD | 06 | OC | 07 |
| 8C30 | A8 | 07 | 54 | 08 | 54 | 08 | 05 | 00 | 6E | 06 | 44 | 00 | 80 | 02 | 00 | 03 |
| 8 C | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 8C50 | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 8 C | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 8C70 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8C80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8C90 | 80 | 80 | 56 | 05 | 02 | 07 | 1C | 06 | 4C | 06 | 67 | 06 | AB | 06 | DA | 06 |
| 8CA0 | 76 | 07 | 22 | 08 | 22 | 08 | 05 | 00 | 6E | 06 | 44 | 00 | 80 | 02 | 00 | 03 |
| 8C | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 0 |
| 8CC0 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 8C | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 8CE0 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8CF | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8D00 | 80 | 00 | 56 | 05 | 02 | 07 | 4E | 06 | 7E | 06 | 99 | 06 | DD | 06 | 0 C | 07 |
| 8D10 | A8 | 07 | 54 | 08 | 54 | 08 | 05 | 00 | 6E | 06 | 44 | 00 | 80 | 02 | 00 | 03 |
| 8D20 | 44 | 00 | 56 | 05 | 00 | 03 | 6 E | 06 | 26 | 03 | 05 | 00 | 00 | 10 | 09 | 00 |
| 8D30 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 56 | 05 | 9B | B2 |
| 8D40 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 14 | 00 | 14 | 00 | A4 | 01 | 76 | 02 |
| 8D50 | 20 | 05 | 00 | 00 | 00 | 40 | 00 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 00 | 00 |
| 8D60 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8D70 | 14 | 00 | 00 | 00 | 64 | 00 | 50 | 00 | 01 | 10 | 7D | 00 | 00 | 04 | 06 | 03 |
| 8D80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF |  |


| 8E60 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 0 | 00 |  |
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| 70 | 26 | 3E | AE | 00 | 00 | 08 | 00 | 00 | 58 | 13 | 16 | 01 | E6 | 00 | AC | 00 |
| 8E80 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | C7 | 02 | AE | 00 | E6 | 00 | 00 | 02 |
| 8E90 | FF | 2B | 00 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8EA0 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8E | CA | 3E | AE | 00 | 00 | 00 | 00 | 00 | 00 | 10 | E6 | 00 | E6 | 00 | AC | 00 |
| 8EC0 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | 76 | 00 | AE | 00 | E6 | 00 | 00 | 02 |
| 8E | FF | 2B | 00 | 00 | 00 | OA | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8EE0 | 0 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8EF0 | CA | 3E | A | 00 | 00 | 00 | 00 | 00 | 00 | 10 | E6 | 00 | E6 | 00 | AC | 00 |
| 8F00 | 00 | 00 | E4 | 00 | 01 | 00 | C8 | 02 | C7 | 02 | AE | 00 | E6 | 00 | O0 | 02 |
| 8F10 | FF | 2B | 00 | 00 | 00 | 0A | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8F20 | 00 | 00 | 00 | 00 | 00 | 00 | 61 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8F | D2 | 04 | 10 | 00 | DO | 02 | 00 | 98 | 08 | 05 | 00 | A0 | C | 04 | CF | OB |
| 8F40 | D2 | 04 | 10 | 00 | D0 | 02 | 00 | 98 | 08 | 05 | 00 | A0 | C | 04 | CF | OB |
| 8F50 | D2 | 04 | 1 C | 00 | D0 | 02 | 00 | 98 | 08 | 05 | 00 | A0 | C | 04 | CF | OB |
| 8F6 | D2 | 04 | 1 C | 00 | D0 | 02 | 00 | 98 | 08 | 05 | 00 | A0 | C | 04 | CF | OB |
| 8F70 | D2 | 04 | 1 C | 00 | D0 | 02 | 00 |  | 08 | 05 | 00 | A0 | CE | 04 | CF | B |
| 8F80 | 22 | 08 | 40 | 08 | 10 | 00 | OF | 00 | 01 | 08 | 00 | 00 | 24 | 62 | 32 | 41 |
| 8 | 00 | 10 | CE | 04 | 00 | 00 | 00 | 00 | 00 | 10 | D | 02 | D0 | 02 | C | 04 |
| 8FA0 | 00 | 00 | D0 | 02 | 02 | 00 | 6E | 06 | 3F | 00 | 6 | 00 | 20 | 00 | C | 04 |
| 8FB0 | D0 | 02 | 88 | 00 | 20 | 00 | CE | 04 | D0 | 02 | 00 | 00 | 2B | 00 | 01 | 10 |
| 8FC0 | 01 | 00 | 00 | 03 | 56 | 05 | 0 | 00 | 00 | 00 | D0 | 02 | C | 04 | 01 | 0 |
| 8 F | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 |
| 8FE0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 8 F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9000 | 00 | 04 | 08 | OC | 10 | 14 | 18 | 1C | 20 | 24 | 28 | 2 C | 30 | 34 | F | 3 C |
| 9010 | 40 | 44 | 48 | 4C | 50 | 54 | 58 | 5C | 60 | 64 | 68 | 6C | 70 | 74 | 78 | 7C |
| 9020 | 80 | 84 | 88 | 8C | 90 | 94 | 98 | 9C | A0 | A4 | A8 | AC | B0 | B4 | B8 | BC |
| 9030 | C0 | C4 | C | CC | D0 | D | D8 | DC | E0 | E4 | E8 | EC | F0 | F |  | FC |
| 9040 | 00 | 04 | 08 | OC | 10 | 14 | 18 | 10 | 20 | 24 | 28 | 2 C | 30 | 34 | 38 | 3C |
| 9050 | 40 | 44 | 48 | 4C | 50 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7D |
| 9060 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9D | A1 | A5 | A9 | AD | B1 | B5 | B9 | BD |
| 070 | C1 | C5 | C9 | CD | D1 | D5 | D9 | DD | E1 | E5 | E9 | ED | F1 | F5 | F9 | FD |
| 9080 | 01 | 05 | 09 | OD | 11 | 15 | 19 | 1D | 21 | 25 | 29 | 2D | 31 | 35 | 39 | 3D |
| 9090 | 41 | 45 | 49 | 4D | 51 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7D |
| 90A0 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9D | A1 | A5 | AA | AE | B2 | B6 | BA | BE |
| 90B0 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | E |
| 90C0 | 02 | 06 | OA | OE | 12 | 16 | 1A | 1 E | 22 | 26 | 2A | 2E | 32 | 36 | 3A | 3E |


| 91A0 | 81 | 85 | 89 | 8D | , | 95 | 99 | 9D | A1 | A5 | AA | AE | B2 | B6 | BA |  |
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| 91B0 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | FE |
| 91C0 | 02 | 06 | 0A | 0E | 12 | 16 | 1A | 1 E | 22 | 26 | 2A | 2E | 32 | 36 | 3A | 3E |
| 91D | 42 | 46 | 4A | 4E | 52 | 56 | 5A | 5E | 62 | 66 | 6A | 6E | 72 | 76 | 7A | 7E |
| 91E0 | 82 | 86 | 8A | 8E | 92 | 96 | 9A | 9E | A2 | A6 | AA | AE | B2 | B6 | BA | BE |
| 91F0 | C2 | C6 | CA | CE | D2 | D6 | DA | D | E2 | E6 | EA | E | F2 | F6 | FA | FF |
| 9200 | 00 | 04 | 08 | OC | 10 | 14 | 18 | 10 | 20 | 24 | 28 | 2 C | 30 | 34 | 38 | 3C |
| 9210 | 40 | 44 | 48 | 4C | 50 | 54 | 58 | 5C | 60 | 64 | 68 | 6 | 70 | 74 |  | 70 |
| 9220 | 80 | 84 | 88 | 8C | 90 | 94 | 98 | 9C | A0 | A4 | A8 | AC | B0 | B4 | B8 | BC |
| 9230 | CO | C4 | C8 | CC | D0 | D4 | D8 | DC | E0 | E4 | E8 | EC | F0 | F4 | F8 | FC |
| 9240 | 00 | 04 | 08 | 0 C | 10 | 14 | 18 | 1 C | 20 | 24 | 28 | 2 C | 30 | 34 | 38 | 3C |
| 9250 | 40 | 44 | 48 | 4C | 50 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7D |
| 9260 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9 D | A1 | A5 | A9 | AD | B | B 5 | B9 | BD |
| 927 | C1 | C5 | C9 | CD | D1 | D5 | D9 | DD | E1 | E5 | E9 | ED | F1 | F5 | F9 | FD |
| 9280 | 01 | 05 | 09 | 0D | 11 | 15 | 19 | 1D | 21 | 25 | 29 | 2D | 31 | 35 | 39 | 3D |
| 9290 | 41 | 45 | 49 | 4D | 51 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | D |
| 92A0 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9 D | A1 | A | AA | A | B2 | B6 | BA | BE |
| 92B0 | C2 | C6 | CA | CE | D2 | D6 | DA | D | E2 | E6 | EA | E | F2 | F6 | FA | FE |
| 92C0 | 02 | 06 | OA | OE | 12 | 16 | 1A | 1 L | 22 | 26 | 2A | 2 E | 32 | 36 | 3A | 3E |
| 92 | 42 | 46 | 4A | 4E | 52 | 56 | 5A | 5 | 62 | 66 | 6A | 6E | 72 | 76 | 7A | 7 E |
| 92E0 | 82 | 86 | 8A | 8E | 92 | 96 | 9A | 9 E | A2 | A6 | AA | AE | B2 | B6 | BA | BE |
| 92 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | FF |
| 9300 | 3C | 05 | 2A | 00 | FE | 01 | 00 | 98 | OC | 05 | 00 | A0 | C2 | 02 | CF | OB |
| 9310 | E0 | 73 | 77 | 1B | FF | 3F | 00 | 10 | 3C | 05 | 2A | 00 | FE | 01 | 00 | 98 |
| 9320 | OC | 05 | 00 | A0 | AC | 02 | CF | OB | E | 73 | 77 | 1B | FF | 3F | 00 | 10 |
| 9330 | 3C | 05 | 49 | 00 | D | 01 | 00 | 98 | 0 C | 05 | 00 | A0 | C | 02 | CF | OB |
| 9340 | E0 | 73 | 77 | 1B | FF | 3F | 00 | 10 | $3 C$ | 05 | 37 | 00 | FE | 01 | 00 | 98 |
| 9350 | OC | 05 | 00 | AO | C2 | 02 | CF | OB | E0 | 73 | 77 | 1B | FF | 3F | 00 | 10 |
| 9360 | 3C | 05 | 64 | 00 | D0 | 01 | 00 | 98 | OC | 05 | 00 | A0 | C | 02 | CF | 0B |
| 仡 | E0 | 73 | 77 | 1B | FF | 3F | 00 | 10 | E1 | E5 | E9 | ED | F | F5 | F9 | D |
| 9380 | 01 | 05 | 09 | 0D | 11 | 15 | 19 | 1D | 21 | 25 | 29 | 2D | 31 | 35 | 39 | 3D |
| 9390 | 41 | 45 | 49 | 4D | 51 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7D |
| 93A0 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9 D | A1 | A | AA | A | B2 | B6 | BA | BE |
| 93 B | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | E | F2 | F6 | FA | FE |
| 93C0 | 02 | 06 | OA | 0E | 12 | 16 | 1A | 1E | 22 | 26 | 2A | 2E | 32 | 36 | 3A | 3E |
| 93D0 | 42 | 46 | 4A | 4E | 52 | 56 | 5A | 5 L | 62 | 66 | 6A | 6E | 72 | 76 | 7A | 7E |
| 93E0 | 82 | 86 | 8A | 8E | 92 | 96 | 9A | 9E | A2 | A6 | AA | AE | B2 | B6 | BA | BE |
| 93F0 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | FF |
| 9400 | 00 | 04 | 08 | 0C | 10 | 14 | 18 | 1C | 20 | 24 | 28 | 2C | 30 | 34 | 38 | 3C |


| 94E0 | 82 | 86 | 8A | 8E | 92 | 96 | 9A | 9E | A2 | A6 | AA | AE | B2 | B6 | BA |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 94F0 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | FF |
| 9500 | 00 | 04 | 08 | 0C | 10 | 14 | 18 | 1 C | 20 | 24 | 28 | 2 C | 30 | 34 | 38 | 3C |
| 9510 | 40 | 44 | 48 | 4C | 50 | 54 | 58 | 5 C | 60 | 64 | 68 | 6C | 70 | 74 | 78 |  |
| 9520 | 80 | 84 | 88 | 8C | 90 | 94 | 98 | 9C | A0 | A4 | A8 | AC | B0 | B4 | B8 | BC |
| 9530 | C0 | C4 | C8 | CC | D0 | D4 | D8 | DC | E0 | E4 | E8 | EC | F0 | F4 | F8 | FC |
| 9540 | 00 | 04 | 08 | 0C | 10 | 14 | 18 | 1C | 20 | 24 | 28 | 2 C | 30 | 34 | 38 |  |
| 9550 | 40 | 44 | 48 | 4C | 50 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7 D |
| 9560 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | 9D | A1 | A5 | A9 | AD | B1 | B5 | B9 | BD |
| 9570 | C1 | C5 | C9 | CD | D1 | D5 | D9 | DD | E1 | E5 | E9 | ED | F1 | F5 | F9 | FD |
| 9580 | 01 | 05 | 09 | OD | 11 | 15 | 19 | D | 21 | 25 | 29 | 2D | 31 | 35 | 39 |  |
| 9590 | 41 | 45 | 49 | 4D | 51 | 55 | 59 | 5D | 61 | 65 | 69 | 6D | 71 | 75 | 79 | 7D |
| 95A0 | 81 | 85 | 89 | 8D | 91 | 95 | 99 | D | A1 | A5 | AA | AE | B2 | B6 | BA | BE |
| 95B0 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | FA | FE |
| 95C0 | 02 | 06 | 0A | 0E | 12 | 16 | 1 A | 1 F | 22 | 26 | 2A | 2 E | 32 | 36 | 3A | E |
| 95D0 | 42 | 46 | 4A | 4E | 52 | 56 | 5 A | 5 E | 62 | 66 | AA | 6 | 72 | 76 | 7A |  |
| 95E0 | 82 | 86 | 8A | 8E | 92 | 96 | 9A | 9E | A2 | A6 | AA | AE | B2 | B6 | BA | BE |
| 95 | C2 | C6 | CA | CE | D2 | D6 | DA | DE | E2 | E6 | EA | EE | F2 | F6 | A | F |
| 9600 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9620 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9640 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |  |
| 9650 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| 9660 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| 9670 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9680 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |  |
| 9690 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96A | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| 96B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 96E | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |
| 96F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9700 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9710 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9720 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9730 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9740 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |  |  |  |


| 9820 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | Fr | FF |
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| 9830 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9840 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9850 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9860 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | F | FF |
| 9870 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9880 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9890 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 98F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9900 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9910 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9920 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9930 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9940 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9950 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9960 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9970 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9980 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9990 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 99A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 99B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 99C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 99D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 99E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| 99F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 A 00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 A 40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 A 50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9A80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| $9 \mathrm{B60}$ | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |
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| 9B70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9B80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9B90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9BA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ | FF |
| 9BB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9BC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9BD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9BE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9BF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ | FF |
| 9C00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9C90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | F |
| 9CA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |
| 9CB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9CC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9CD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |
| 9CE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9CF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |
| 9D30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9D90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9DA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9DB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9DC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF |


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| 9EB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9EC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9EE | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9EF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 F 30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| 9 F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9F90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9FB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9FD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 9F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF |
| 9FF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A000 | 20 | OC | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A010 | 00 | 00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| A020 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A030 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A040 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | F |
| A050 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A060 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |  |  |  |
| A070 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | F | Fr |
| A080 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | F | FF |
| A090 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A0AO | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | Fr |
| A0B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | F |
| AOCO | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| AOD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A0E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A0FO | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A100 | 00 | 10 | CE | 04 | 00 | 00 | 00 | 00 | 00 | 10 | D0 | 02 | D | 02 | C | 04 |


| A1E0 | DO | 02 | 88 | 00 | 20 | 00 | CE | 04 | D0 | 02 | 00 | 00 | 2B | 00 | 01 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A1F0 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | D0 | 02 | CE | 04 | 01 | 00 |
| A200 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A210 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 20 | 00 | 10 | CE | 04 | 00 | 00 | 00 | 00 | 00 | 10 | D0 | 02 | D0 | 02 | CE | 04 |
| A230 | 00 | 00 | D0 | 02 | 02 | 00 | 6E | 06 | 3F | 00 | 6 | 00 | 20 | 00 | CE | 04 |
| 40 | D0 | 02 | 88 | 00 | 20 | 00 | CE | 04 | D0 | 02 | 00 | 00 | 2B | 00 | 01 | 10 |
| A250 | 01 | 00 | 00 | 03 | 56 | 05 | 00 | 00 | 00 | 00 | DO | 02 | CE | 04 | 01 | 00 |
| A260 | 12 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 270 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A280 | 1E | 00 | 1E | 00 | 76 | 02 | 6A | 04 | 00 | 07 | OF | 0F | 20 | 30 | OA | 11 |
| A290 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A2A0 | 7F | 80 | 7F | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A2B0 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | B4 | 00 | 00 | 00 | 00 | 00 | 1E | E |
| A2C0 | 0A | 00 | 00 | 00 | OF | OF | 00 | 00 | 50 | 50 | 14 | 00 | 00 | 00 | 3C | 28 |
| D0 | 14 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14 | 06 | 42 | 05 |
| E0 | 00 | 00 | 00 | 00 | 00 | 00 | 80 | E0 | 80 | E0 | 80 | 03 | 00 | 00 | 00 | 00 |
| A2F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A300 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A310 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| A320 | FF | FF | FF | FF | FF | F | FF | FF | 40 | A0 | 80 | 20 | FF | FF | FF | FF |
| A330 | 80 | 00 | 56 | 05 | 40 | OE | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| A340 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | 3F | 06 | 44 | 00 | 56 | 05 | 00 | 03 |
| 350 | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 3E | 0E | 09 | 00 |
| A360 | OA | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 60 | 05 | 1B | B4 |
| A370 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 1E | 00 | 1E | 00 | 76 | 02 | 6A | 04 |
| A380 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A390 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A3A0 | 80 | 00 | 56 | 05 | 40 | OE | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| A3B0 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | 3F | 06 | 44 | 00 | 56 | 05 | 00 | 03 |
| A3C0 | 44 | 00 | 56 | 05 | 00 | 03 | 6E | 06 | 26 | 03 | 05 | 00 | 3E | OE | 09 | 00 |
| A | 0A | C0 | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 60 | 5 | B | B4 |
| A3E0 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 1E | 00 | 1E | 00 | 76 | 02 | 6A | 04 |
| A3F0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 |
| A400 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A410 | 80 | 00 | 56 | 05 | 40 | OE | 34 | 07 | 64 | 07 | 7F | 07 | C3 | 07 | F2 | 07 |
| A420 | 77 | 08 | 23 | 09 | 23 | 09 | 05 | 00 | 3F | 06 | 44 | 00 | 56 | 05 | 00 | 03 |
| A430 | 44 | 00 | 56 | 05 | 00 | 03 | 6 E | 06 | 26 | 03 | 05 | 00 | 3E | OE | 09 | 00 |
| A440 | OA | CO | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 60 | 05 | 18 |  |


| 20 | OA | CO | 40 | 00 | 00 | 00 | 10 | 04 | 00 | 10 | 82 | 00 | 60 | 05 | 1B | B4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A530 | 39 | C7 | EA | 00 | 40 | 00 | 56 | 05 | 1E | 00 | 1E | 00 | 76 | 02 | 6A | 04 |
| A540 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A550 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A560 | 14 | 00 | 00 | 00 | 14 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 70 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7F | 20 | 26 | 20 | FF | FF | FF | FF |
| A580 | FF | FF | 02 | 00 | 00 | 00 | 18 | 28 | 00 | 00 | 30 | 00 | 00 | 00 | 14 | 00 |
| 90 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A5A0 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A5B0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A5C0 | 00 | 00 | 00 | 00 | 00 | 00 | 45 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A5D0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 5E0 | 44 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 00 |
| A5F0 | 01 | 01 | 60 | 60 | 93 | 53 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 00 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A610 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A620 | 80 | 06 | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 630 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A640 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 50 | 80 | 06 | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A660 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A670 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | F | F |
| A680 | 80 | 06 | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A690 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| A6A0 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| A6B0 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| C0 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | Fr |
| A6D0 | FF | FF | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E0 | 80 | 06 | 03 | 50 | 00 | 6C | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 6F0 | 20 | 00 | 00 | CE | 8C | 79 | FF | 3F | 10 | 00 | 00 | CE | 82 | 79 | FF | 3F |
| A700 | 30 | 00 | 00 | CE | 85 | 79 | FF | 3F | 30 | 00 | 00 | CE | 85 | 79 | FF | 3F |
| A710 | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F | 10 | 00 | 00 | C | 88 | 79 | FF | 3 F |
| A72 | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F |
| A730 | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F |
| A740 | 10 | 00 | 00 | C | 88 | 79 | FF | 3F | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F |
| A750 | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F |
| A760 | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F | 10 | 00 | 00 | CE | 88 | 79 | FF | 3F |
| A770 | 80 | 80 | 80 | 80 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| A780 | 01 | 00 | 11 | 00 | 00 | 01 | 08 | 00 | 80 | 00 | 00 | 00 | 08 | 01 | 1E | OF |


| D060 | OE | OE | 00 | 00 | 00 | 00 | 00 | 00 | OF | OF | 0 | 00 | 00 | 00 | 02 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D070 | 0F | OF | 00 | 01 | 00 | 0A | 00 | 00 | OF | 0F | 00 | 02 | 00 | OA | 00 | 00 |
| D080 | OF | OF | 00 | 03 | 00 | 0A | 00 | 00 | OF | OF | 00 | 0A | 00 | 0A | 00 | 00 |
| D090 | OF | OF | 00 | 63 | 00 | 0A | 00 | 00 | 10 | 10 | 00 | 00 | 00 | 00 | 02 | 00 |
| DOAO | 11 | 11 | 00 | 00 | 00 | 00 | 02 | 00 | 12 | 12 | 00 | 00 | 00 | 00 | 02 | 00 |
| DOB0 | 13 | 13 | 00 | 00 | 00 | 00 | 02 | 00 | 14 | 14 | 00 | 00 | 00 | 00 | 02 | 00 |
| DOC0 | 15 | 15 | 00 | 00 | 00 | 00 | 02 | 00 | 16 | 16 | 00 | 00 | 00 | 00 | 02 | 00 |
| DOD0 | 17 | 17 | 00 | 00 | 00 | 00 | 02 | 00 | 18 | 18 | 00 | 00 | 00 | 00 | 02 | 00 |
| DOE0 | 19 | 19 | 00 | 00 | 00 | 00 | 02 | 00 | 1A | 1 | 00 | 00 | 00 | 00 | 00 | 00 |
| DOF0 | 1B | 1B | 00 | 00 | 00 | 00 | 02 | 00 | 1 C | 1 C | 00 | 00 | 00 | 00 | 02 | 00 |
| D100 | 1D | 1D | 00 | 00 | 00 | 00 | 02 | 00 | 1E | 1E | 00 | 00 | 00 | 00 | 02 | 00 |
| D110 | 1 F | 1F | 00 | 00 | 00 | 00 | 02 | 00 | 20 | 20 | 00 | 00 | 00 | 00 | 02 | 00 |
| D120 | 21 | 21 | 00 | 00 | 00 | 00 | 02 | 00 | 22 | 22 | 00 | 00 | 00 | 00 | 02 | 00 |
| D130 | 23 | 23 | 00 | 00 | 00 | 00 | 02 | 00 | 24 | 24 | 00 | 00 | 00 | 00 | 02 | 00 |
| D140 | 25 | 25 | 00 | 00 | 00 | 00 | 02 | 00 | 26 | 26 | 00 | 00 | 00 | 00 | 02 | 00 |
| D150 | 27 | 27 | 00 | 00 | 00 | 00 | 02 | 00 | 28 | 28 | 00 | 00 | 00 | 00 | 02 | 00 |
| D160 | 29 | 29 | 00 | 00 | 00 | 00 | 02 | 00 | 2A | 2A | 00 | 00 | 00 | 00 | 02 | 00 |
| D170 | 2B | 2B | 00 | 00 | 00 | 00 | 00 | 00 | 2C | 2C | 00 | 00 | 00 | 00 | 02 | 00 |
| D180 | 2D | 2D | 00 | 00 | 00 | 00 | 00 | 00 | 2E | 2E | 00 | 00 | 00 | 00 | 00 | 00 |
| D190 | 2F | 2 F | 00 | 00 | 00 | 00 | 02 | 00 | 30 | 30 | 00 | 00 | 00 | 00 | 02 | 00 |
| D1A0 | 31 | 31 | 00 | 00 | 00 | 00 | 02 | 00 | 32 | 32 | 00 | 00 | 00 | 00 | 00 | 00 |
| D1 | 33 | 33 | 00 | 00 | 00 | 00 | 02 | 00 | 34 | 34 | 00 | 00 | 00 | 00 | 02 | 00 |
| D1C0 | 35 | 35 | 00 | 00 | 00 | 00 | 02 | 00 | 36 | 36 | 00 | 00 | 00 | 00 | 02 | 00 |
| D1 | 37 | 37 | 00 | 00 | 00 | 00 | 02 | 00 | 38 | 38 | 00 | 00 | 00 | 00 | 02 | 00 |
| D1E0 | 39 | 39 | 00 | 00 | 00 | 00 | 02 | 00 | 3A | 3A | 00 | 00 | 00 | 00 | 02 | 00 |
| D | 3B | 3B | 00 | 00 | 00 | 00 | 02 | 00 | 3C | 3C | 00 | 00 | 00 | 00 | 02 | 0 |
| D200 | 3D | 3D | 00 | 00 | 00 | 00 | 00 | 00 | 3E | 3E | 00 | 00 | 00 | 00 | 02 | 00 |
| D210 | 3E | 3E | 00 | 01 | 00 | 0A | 00 | 00 | 3F | 3F | 00 | 00 | 00 | 00 | 00 | 00 |
| D220 | 40 | 40 | 00 | 00 | 00 | 00 | 02 | 00 | 41 | 41 | 00 | 00 | 00 | 00 | 02 | 00 |
| D230 | 42 | 42 | 00 | 00 | 00 | 00 | 02 | 00 | 43 | 43 | 00 | 00 | 00 | 00 | 02 | 00 |
| D240 | 44 | 44 | 00 | 00 | 00 | 00 | 02 | 00 | 45 | 45 | 00 | 00 | 00 | 00 | 02 | 00 |
| D250 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D260 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D270 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D280 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D290 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D2A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D2B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D2C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| D3A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D3B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D3C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D3D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D3E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| D3F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| D400 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D410 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D420 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D430 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | FF | $F$ |
| D440 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| D450 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D460 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D470 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D480 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D490 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D4A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| D4B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D4C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D4D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D4E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D4F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| D500 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D510 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D520 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| D530 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D540 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D550 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D560 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | FF | $F$ |
| D570 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D580 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D590 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D5F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D600 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| D | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF\| | FF | FF | FF |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D6F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D700 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D710 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D720 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D730 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D740 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D750 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D760 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D770 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D780 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D790 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D7A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| D7B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D7C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D7D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D7E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D7F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D800 | 01 | 01 | 00 | 00 | 00 | 00 | 02 | 00 | 02 | 02 | 00 | 00 | 00 | 00 | 02 | 00 |
| D810 | 03 | 03 | 00 | 00 | 00 | 00 | 00 | 00 | 04 | 04 | 00 | 00 | 00 | 00 | 00 | 00 |
| D820 | 05 | 05 | 00 | 00 | 00 | 00 | 02 | 00 | 06 | 06 | 00 | 00 | 00 | 00 | 02 | 00 |
| D830 | 07 | 07 | 00 | 00 | 00 | 00 | 00 | 00 | 08 | 08 | 00 | 00 | 00 | 00 | 00 | 00 |
| D840 | 09 | 09 | 00 | 00 | 00 | 00 | 02 | 00 | OA | 0A | 00 | 00 | 00 | 00 | 02 | 00 |
| D850 | 0B | 0B | 00 | 00 | 00 | 00 | 02 | 00 | OC | OC | 00 | 00 | 00 | 00 | 00 | 00 |
| D860 | OD | OD | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0E | 00 | 00 | 00 | 00 | 00 | 00 |
| D870 | 0F | 0F | 00 | 00 | 00 | 00 | 02 | 00 | 10 | 10 | 00 | 00 | 00 | 00 | 02 | 00 |
| 80 | 11 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 12 | 12 | 00 | 00 | 00 | 00 | 02 | 00 |
| D890 | 13 | 13 | 00 | 00 | 00 | 00 | 02 | 00 | 14 | 14 | 00 | 00 | 00 | 00 | 02 | 00 |
| D8A0 | 15 | 15 | 00 | 00 | 00 | 00 | 02 | 00 | 16 | 16 | 00 | 00 | 00 | 00 | 00 | 00 |
| D8B0 | 17 | 17 | 00 | 00 | 00 | 00 | 00 | 00 | 18 | 18 | 00 | 00 | 00 | 00 | 02 | 00 |
| D8C0 | 19 | 19 | 00 | 00 | 00 | 00 | 00 | 00 | 1A | 1 A | 00 | 00 | 00 | 00 | 02 | 00 |
| D8D0 | 1B | 1 B | 00 | 00 | 00 | 00 | 02 | 00 | 1C | 1 C | 00 | 00 | 00 | 00 | 02 | 00 |
| D8E0 | 1D | 1D | 00 | 00 | 00 | 00 | 02 | 00 | 1E | 1 E | 00 | 00 | 00 | 00 | 02 | 00 |
| D8F0 | 1F | 1 F | 00 | 00 | 00 | 00 | 00 | 00 | 20 | 20 | 00 | 00 | 00 | 00 | 02 | 00 |
| D900 | 21 | 21 | 00 | 00 | 00 | 00 | 02 | 00 | 22 | 22 | 00 | 00 | 00 | 00 | 02 | 00 |
| D910 | 23 | 23 | 00 | 00 | 00 | 00 | 02 | 00 | 24 | 24 | 00 | 00 | 00 | 00 | 00 | 00 |
| D920 | 25 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 26 | 26 | 00 | 00 | 00 | 00 | 02 | 00 |
| D930 | 27 | 27 | 00 | 00 | 00 | 00 | 02 | 00 | 28 | 28 | 00 | 00 | 00 | 00 | 02 | 00 |
| D940 | 29 | 29 | 00 | 00 | 00 | 00 | 02 | 00 | 2A | 2A | 00 | 00 | 00 | 00 | 02 | 00 |


|  | 45 | 45 | 00 | 00 | 00 | 00 | 02 | 00 | 46 | 46 | 00 | 00 | 00 | 00 | 02 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DA30 | 47 | 47 | 00 | 00 | 00 | 00 | 02 | 00 | 48 | 48 | 00 | 00 | 00 | 00 | 02 | 00 |
| DA40 | 49 | 49 | 00 | 00 | 00 | 00 | 02 | 00 | 4A | 4A | 00 | 00 | 00 | 00 | 02 | 00 |
| DA50 | 4B | 4B | 00 | 00 | 00 | 00 | 02 | 00 | 4C | 4C | 00 | 00 | 00 | 00 | 02 | 00 |
| DA60 | 4D | 4D | 00 | 00 | 00 | 00 | 00 | 00 | 4E | 4E | 00 | 00 | 00 | 00 | 02 | 00 |
| DA70 | 4F | 4F | 00 | 00 | 00 | 00 | 02 | 00 | 50 | 50 | 00 | 00 | 00 | 00 | 02 | 00 |
| DA80 | 51 | 51 | 00 | 00 | 00 | 00 | 02 | 00 | 52 | 52 | 00 | 00 | 00 | 00 | 02 | 00 |
| D | 53 | 53 | 00 | 00 | 00 | 00 | 02 | 00 | 54 | 54 | 00 | 00 | 00 | 00 | 02 | 00 |
| DAA0 | 55 | 55 | 00 | 00 | 00 | 00 | 00 | 00 | 56 | 56 | 00 | 00 | 00 | 00 | 00 | 00 |
| DAB0 | 57 | 57 | 00 | 00 | 00 | 00 | 02 | 00 | 58 | 58 | 00 | 00 | 00 | 00 | 02 | 00 |
| DAC0 | 59 | 59 | 00 | 00 | 00 | 00 | 02 | 00 | 5A | 5A | 00 | 00 | 00 | 00 | 02 | 00 |
| DAD0 | 5B | 5B | 00 | 00 | 00 | 00 | 02 | 00 | 5 C | 5 C | 00 | 00 | 00 | 00 | 00 | 00 |
| DAE0 | 5D | 5D | 00 | 00 | 00 | 00 | 02 | 00 | 5E | 5 E | 00 | 00 | 00 | 00 | 00 | 00 |
| DAF0 | 5F | 5F | 00 | 00 | 00 | 00 | 02 | 00 | 60 | 60 | 00 | 00 | 00 | 00 | 00 | 00 |
| 00 | 61 | 61 | 00 | 00 | 00 | 00 | 02 | 00 | 62 | 62 | 00 | 00 | 00 | 00 | 02 | 00 |
| DB10 | 63 | 63 | 00 | 00 | 00 | 00 | 02 | 00 | 64 | 64 | 00 | 00 | 00 | 00 | 00 | 00 |
| DB20 | 65 | 65 | 00 | 00 | 00 | 00 | 02 | 00 | 66 | 66 | 00 | 00 | 00 | 00 | 00 | 00 |
| DB30 | 67 | 67 | 00 | 00 | 00 | 00 | 02 | 00 | 68 | 68 | 00 | 00 | 00 | 00 | 02 | 00 |
| DB40 | 69 | 69 | 00 | 00 | 00 | 00 | 02 | 00 | 6A | 6A | 00 | 00 | 00 | 00 | 00 | 00 |
| DB50 | 6B | 6B | 00 | 00 | 00 | 00 | 02 | 00 | 6C | 6C | 00 | 00 | 00 | 00 | 02 | 00 |
| DB60 | 6D | 6D | 00 | 00 | 00 | 00 | 02 | 00 | 6E | 6E | 00 | 00 | 00 | 00 | 02 | 00 |
| DB | 6F | 6F | 00 | 00 | 00 | 00 | 02 | 00 | 70 | 70 | 00 | 00 | 00 | 00 | 02 | 00 |
| DB80 | 71 | 71 | 00 | 00 | 00 | 00 | 02 | 00 | 72 | 72 | 00 | 00 | 00 | 00 | 02 | 00 |
| DB90 | 73 | 73 | 00 | 00 | 00 | 00 | 02 | 00 | 74 | 74 | 00 | 00 | 00 | 00 | 02 | 00 |
| DBA0 | 75 | 75 | 00 | 00 | 00 | 00 | 02 | 00 | 76 | 76 | 00 | 00 | 00 | 00 | 02 | 00 |
| DBB0 | 77 | 77 | 00 | 00 | 00 | 00 | 00 | 00 | 78 | 78 | 00 | 00 | 00 | 00 | 02 | 00 |
| DBC0 | 79 | 79 | 00 | 00 | 00 | 00 | 02 | 00 | 7A | 7A | 00 | 00 | 00 | 00 | 02 | 00 |
| DBD0 | 7B | 7B | 00 | 00 | 00 | 00 | 02 | 00 | 7C | 7 C | 00 | 00 | 00 | 00 | 02 | 00 |
| DBE0 | 7D | 7D | 00 | 00 | 00 | 00 | 02 | 00 | FF | FF | FF | FF | FF | FF | FF | FF |
| DBF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| DC50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DC80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


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| DD70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DD80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DDA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| B0 | FF | FF | F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DDC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DDD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DDE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DDF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| DE00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| D | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| DE30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DE50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DE60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| DE70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DE80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DEA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DEB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DEC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DED0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | FF | FF |
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| DEF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DF00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| DF60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| DF90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DFA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| DFB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E0B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E0C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E0D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E0E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E0F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E100 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E110 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E190 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E1F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| E2F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E3F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E400 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E490 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E4A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E4F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E500 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E510 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E520 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E530 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E540 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E550 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E560 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E570 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E580 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E590 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E5A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E5B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E5F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E600 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E610 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E620 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E630 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E640 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| E720 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E730 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E750 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E760 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E770 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E780 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E790 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E7A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E800 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E830 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E850 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E860 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E880 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E890 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E8A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E8B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E900 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E910 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| E960 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E970 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E980 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |


| EA60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| EAB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| EAD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EAE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EAF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | F |
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| EB40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| EC40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EC50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EC60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EC70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EC80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EC90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| ECA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| ECB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| ECC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| EDA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| EDB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EDC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EDD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EDE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EDF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EEA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EEB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EEC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EED0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EEE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EEF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EF90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EFF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F000 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| F0E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| F100 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F110 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F120 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| F130 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| F140 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F150 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F160 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F170 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF | FF | FF | F |
| F180 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F190 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F1F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
| F200 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F210 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F220 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F230 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| F240 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F250 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F260 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF |
| F270 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F280 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F290 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F2A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| F2B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F2C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F2D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F2E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F2F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F300 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F310 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F320 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F330 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F340 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| F420 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| F430 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F440 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F450 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F460 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F470 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F480 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F490 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F4F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F500 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F510 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F520 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F530 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F540 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F550 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F560 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F570 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F580 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F590 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F5F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F600 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F610 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F620 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F630 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F640 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F650 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F660 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F670 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F680 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| F760 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| F770 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F780 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F790 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F7A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | $F$ |
| F7B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F7C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F7D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F7E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F7F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F800 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F810 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F820 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F830 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F840 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F850 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F860 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F870 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F880 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F890 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8D0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8E0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F8F0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F900 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F910 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F920 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F930 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F940 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F950 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F960 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F970 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F980 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F990 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F9A0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F9B0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F9C0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


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| FAB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FAC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FAD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FAE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| FB80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FB90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FBA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FBB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
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| FC00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FC10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FC20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F |
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| FC90 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCC0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCD0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FCF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FD00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |


| FDEO | FF | FF | Fr | FF | FF | Fr | FF | FF | FF | FF | Fr | FF | FF | FF | FF |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FDF0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE00 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE10 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE20 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE30 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| E40 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE50 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | F | FF | FF |
| FE60 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FE70 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| 80 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EA0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FEB0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |  | FF |
| F | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| EE0 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |
| FEFO | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF |

## ELECTRICAL ADJUSTMENTS

## 1. ADJUSTMENT PROCEDURE

Read and perform these adjustments when repairing the circuits or replacing electrical parts or PCB assemblies.

## CAUTION

- Use an isolation transformer when performing any service on this chassis.
- When removing a PCB or related component, after unfastening or changing a wire, be sure to put the wire back in its original position.
- When you exchange IC and Transistor with a heat sink, apply silicon grease on the contact section of the heat sink. Before applying new silicon grease, remove all the old silicon grease. (Old grease may cause damages to the IC and Transistor).

Prepare the following measurement tools for electrical adjustments.

## 1. Patterm Generator

## On-Screen Display Adjustment

1. Set the VOLUME to minimum.
2. Press the VOL. DOWN button on the set and the channel button (9) on the remote control for more than 2 seconds to display adjustment mode on the screen as shown in Fig. 1-1.

3. Use the Channel UP/DOWN button or Channel button (0-9) on the remote control to select the options shown in Fig. 1-2.
4. Press the INPUT button on the remote control to end the adjustments.
5. To display the adjustment screen for TV, AV, GAME, YUV, HDMI, DVD and PC mode, press the INPUT button on the remote control to set to the TV, AV, GAME, YUV, HDMI, DVD and PC mode. Press the VOL.DOWN button on the set and the channel (9) on the remote control for more than 2 seconds.

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| NO. | FUNCTION | NO. | FUNCTION |
| 01 | H POSI OSD | 22 | H POSI 60Hz |
| 02 | V POSI OSD | 24 | V POSI 60Hz |
| 03 | R DRIVE(N) | 25 | BAK LIGHT CENT |
| 04 | R CUT OFF(N) | 26 | BAK LIGHT MAX |
| 05 | G DRIVE(N) | 27 | BAK LIGHT MIN |
| 06 | G CUT OFF(N) | 28 | BRIGHT CENT |
| 07 | B DRIVE(N) | 29 | BRIGHT MAX |
| 08 | B CUT OFF(N) | 30 | BRIGHT MIN |
| 09 | R DRIVE(C) | 31 | TINT |
| 10 | R CUT OFF(C) | 32 | SHARP CENTER |
| 11 | G DRIVE(C) | 33 | SHARP MAX |
| 12 | G CUT OFF(C) | 34 | SHARP MIN |
| 13 | B DRIVE(C) | 35 | CONTRAST CENTER |
| 14 | B CUT OFF(C) | 36 | CONTRAST MAX |
| 15 | R DRIVE(W) | 37 | CONTRAST MIN |
| 16 | R CUT OFF(W) | 38 | COLOR CENT |
| 17 | G DRIVE(W) | 39 | COLOR MAX |
| 18 | G CUT OFF(W) | 40 | COLOR MIN |
| 19 | B DRIVE(W) |  |  |
| 20 | B CUT OFF(W) |  |  |

## 2. BASIC ADJUSTMENTS

## 2-1: CONTRAST MAX

1. Receive the monoscope pattern. (RF Input)
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of Fig. 1-1 and press the channel button (36) on the remote control to select "CONTRAST MAX".
4. Press the LEFT/RIGTH button on the remote control until the contrast step No. becomes "212"
5. Check if the picture is normal.
6. Receive the monoscope pattern. (VIDEO Input)
7. Press the INPUT button on the remote control to set to the AV mode.
8. Using the remote control, set the brightness and contrast to normal position.
9. Activate the adjustment mode display of Fig. 2-1 and press the channel button (36) on the remote control to select "CONTRAST MAX".
10. Press the LEFT/RIGTH button on the remote control until the contrast step No. becomes "216".
11. Check if the picture is normal.
12. Playback the DVD(480i) disc. (COMPONENT Input)
13. Press the INPUT button on the remote control to set to the YUV mode. Then perform the above adjustments 8~11.
14. Playback the DVD(480i) disc. (HDMI Input)
15. Press the INPUT button on the remote control to set to the HDMI mode.
16. Using the remote control, set the brightness and contrast to normal position.
Activate the adjustment mode display of Fig. 1-1 and press
17. the channel button (36) on the remote control to select "CONTRAST MAX".
18. Press the LEFT/RIGTH button on the remote control until the contrast step No. becomes "160".
19. Check if the picture is normal.

## ELECTRICAL ADJUSTMENTS

## 2-2: WHITE BALANCE

1. Place the set in Aging Test for more than 15 minutes.
2. Receive the gray scale pattern from the Pattern Generator.
3. Using the remote control, set the brightness and contrast to normal position.
4. Activate the adjustment mode display of Fig. 1-1 and press the channel button (03) on the remote control to select "R DRIVE(N)".
5. Press the CH. UP/DOWN button on the remote control to select the "R CUT OFF(N)", "B DRIVE(N)", "B CUT OFF(N)", "R DRIVE(C)", "R CUT OFF(C)", "B DRIVE(C)", "B CUT OFF(C)", "R DRIVE(W)", "R CUT OFF(W)", "B DRIVE(W)" or "B CUT OFF(W)".
6. Adjust the LEFT/RIGTH button on the remote control to whiten the R CUT OFF(N), B DRIVE(N), B CUT OFF(N), R DRIVE(C), R CUT OFF(C)", B DRIVE(C), B CUT OFF(C), R DRIVE(W), R CUT OFF(W), B DRIVE(W) or B CUT OFF(W) at each step tone sections equally.
7. Perform the above adjustments 5 and 6 until the white achieved.

## ELECTRICAL ADJUSTMENTS

## 2-3: Confirmation of Fixed Value (Step No.)

Please check if the fixed values of each of the adjustment items are set correctly referring below.
(TV/AV/GAME/YUV/HDMI/DVD/PC)

| NO. | FUNCTION | TV | $\overline{\mathrm{AV} /}$ <br> GAME | YUV |  |  |  | HDMI |  |  |  | VGA | DVD | PC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 480i | 480p | 720P | 1080i | 480i | 480p | 720P | 1080i |  |  |  |
|  |  | Step No. |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | H POSI OSD | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 |
| 2 | $V$ POSI OSD | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| 3 | R DRIVE(N) | ... | ... | ... | $\ldots$ | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | 120 |
| 5 | G DRIVE(N) | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | 120 |
| 7 | B DRIVE(N) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | 120 |
| 22 | H POSI | 284 | 284 | 284 | 145 | 320 | 122 | 284 | 145 | 280 | 228 | 156 | 288 | 158 |
| 24 | V POSI | 35 | 35 | 35 | 35 | 55 | 36 | 35 | 35 | 50 | 31 | 33 | 35 | 24 |
| 25 | BAK LIGHT CENT | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 |
| 26 | BAK LIGHT MAX | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 |
| 27 | BAK LIGHT MIN | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 28 | BRIGHT CENT | 132 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 |
| 29 | BRIGHT MAX | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 168 |
| 30 | BRIGHT MIN | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 80 |
| 31 | TINT | 125 | 125 | 131 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | ... |
| 35 | CONTRAST CENTER | 161 | 165 | 165 | 107 | 107 | 106 | 104 | 104 | 104 | 105 | 104 | 165 | 100 |
| 36 | CONTRAST MAX | 212 | 216 | 216 | 140 | 140 | 140 | 160 | 160 | 160 | 160 | 160 | 219 | 140 |
| 37 | CONTRAST MIN | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 60 |
| 38 | COLOR CENT | 86 | 64 | 83 | 120 | 120 | 120 | 70 | 70 | 70 | 70 | 70 | 64 | $\ldots$ |
| 39 | COLOR MAX | 127 | 127 | 127 | 180 | 180 | 180 | 127 | 127 | 127 | 127 | 127 | 127 | ... |
| 40 | COLOR MIN | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |

## ELECTRICAL ADJUSTMENTS

3. ELECTRICAL ADJUSTMENT PARTS LOCATION GUIDE (WIRING CONNECTION)


## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE

(DVD SECTION)


## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



## TROUBLESHOOTING GUIDE



NO SOUND DVD/CD
DIGITAL AUDIO.

DOES THIS HAVE

## $<$ SIGNAL AT PIN 1 OF

CD703?


DOES THIS HAVE YES
SIGNAL AT PIN 110
OF IC4001?


CHANGE IC4001

## MECHANICAL EXPLODED VIEW



## MECHANICAL EXPLODED VIEW



## MECHANICAL EXPLODED VIEW (PACKING DIAGRAM)



## DVD DECK EXPLODED VIEW



| CLASS | MARK |
| :---: | :---: |
| GREASE | AA |

NOTE: Applying positions AA for the grease are displayed for this section. Check if the correct grease is applied for each position.

## MECHANICAL REPLACEMENT PARTS LIST

| Location No. | TSB P/N | Reference No. | Description |
| :---: | :---: | :---: | :---: |
| 101 | AE008506 | 7A7010234A | FRONT CABI ASS'Y |
| 101A | AE008652 | 701WPJ1450 | CABINET,FRONT |
| 101B | AE008653 | 702WPB0101 | COVER,HINGE |
| 101C | AE007691 | 711WPA0242 | PLATE,FRONT |
| 101D | AE008654 | 711WPK0001 | PLATE TOP ASS'Y |
| 101E | AE008655 | 713WPA0404 | GLASS,LED |
| 101F | AE007694 | 7235490068 | BADGE BRAND |
| 101G | AE007695 | 7290000158 | DOUBLE,FACE-TAPE |
| 101H | AE007696 | 735WPE0048 | BUTTON,CAP-1 |
| 1011 | AE008656 | 735WPE0051 | BUTTON,CAP-2 |
| 101J | AE008657 | 735WPE0052 | BUTTON,CAP-3 |
| 101K | AE008658 | 738WPA0200 | BUTTON,FRAME-TV |
| 101L | AE008659 | 738WPA0201 | BUTTON,FRAME-DVD |
| 101M | AE008660 | 752WSA0563 | SHIELD,BUTTON |
| 101N | AE005451 | 800WQ0A049 | FELT SHEET |
| 1010 | AE007702 | 800WQ00094 | FELT,SHEET |
| 102 | AE008661 | 7A7040018A | STAND ASS'Y |
| 102A | AE008662 | 704WPBA010 | STAND |
| 102B | AE007736 | 761WSB0008 | ANGLE STAND |
| 102C | AE007737 | 800WFA0078 | CUSHION LEG |
| 102D | AE007710 | 89900FB118 | BAND |
| 102E | AE007711 | 899000NK4N | CABLE CLAMPS |
| 103 | AE008663 | 7A7020097A | BACK CABI ASS'Y |
| 103A | AE008664 | 702WPJ0054 | CABINET,BACK |
| 103B | AE008457 | 704WPE0003 | SLOT DVD |
| 103C | AE008458 | 706WPBA004 | COVER CONNECTOR |
| 103D | AE008665 | 774WPA0009 | HOLDER CORD |
| 103E | AE003069 | 800WQ0A070 | FELT SHEET |
| 103F | AE007707 | 800WQ0A110 | FELT SHEET |
| 103G | AE008459 | 800WQ00105 | FELT SHEET |
| 104 | AE008460 | 706JSA0015 | HINGE ASS'Y |
| 105 | AE008666 | 702WPB0100 | COVER,BACK |
| 106 | AE008667 | 705WPBA011 | HANDLE |
| 107 | AE008668 | 7225490252 | SHEET RATING |
| 108 | AE008669 | 7230008153 | SHEET,JACK-1 |
| 109 | AE008670 | 7230008155 | SHEET,JACK-3 |
| 110 | AE008671 | 7230008204 | SHEET JACK-2 |
| 111 | BZ710039 | 8995034000 | CORD CLIP UL CO. |
| 112 | AE008672 | 7235490089 | POP,LABEL |
| 113 | AE008673 | 7240001124 | SHEET PC |
| 114 | AE005122 | 726000A073 | SHEET CAUTION |
| 115 | AE008674 | 744WUA0022 | SPRING EARTH |
| 116 | AE008675 | 752WSA0575 | SHIELD SCALER |
| 117 | AE008676 | 752WSA0589 | SHIELD,JACK-1 |
| 118 | AE008677 | 752WSA0590 | SHIELD,JACK-2 |
| 119 | AE008471 | 752WSA0595 | SHIELD FFC |
| 120 | AE008678 | 752WSA0607 | SHIELD MPEG |
| 121 | AE008679 | 753WEA0040 | SHEET CU |
| 122 | AE008680 | 761WPA0429 | HOLDER,PCB-TV |
| 123 | AE008476 | 761WPA0430 | HOLDER PCB-DVD |
| 124 | AE007717 | 761WSA0264 | ANGLE,HINGE |
| 125 | AE008481 | 761WSA0364 | ANGLE DECK-L |
| 126 | AE008482 | 761WSA0365 | ANGLE DECK-R |
| 127 | AE008681 | 761WSA0382 | COVER,LCD |
| 128 | AE008682 | 761WSA0394 | ANGLE,HANDLE-DVD |
| 129 | AE008683 | 771WPB0072 | PLATE,JACK-1 |

## MECHANICAL REPLACEMENT PARTS LIST

| Location No. | TSB P/N | Reference No. | Description |
| :---: | :---: | :---: | :---: |
| 130 | AE008684 | 771WPB0073 | PLATE,JACK-2 |
| 131 | AE008685 | 771WPB0074 | PLATE,JACK-3 |
| 132 | AE000164 | 774WPA0005 | HOLDER WIRE-2 |
| 133 | AE008686 | 8965TS0230 | CUSHION W6/H2/L30 |
| 134 | AE008687 | 8965TS0260 | CUSHION W6/H2/L60 |
| 135 | AE008688 | 8965TS1030 | CUSHION W10/H10/L30 |
| 136 | AE007726 | 8965 TS1060 | CUSHION W10/H10/L60 |
| 137 | AE008689 | 8965 TS2015 | CUSHION W20/H15/L20 |
| 138 | AE008690 | 8965TS2180 | CUSHION W6/H2/L180 |
| 139 | AD301370 | 899EFBA002 | WIRING-CLIP |
| 140 | AE008691 | J5X20310A | INSTRUCTION BOOK(F) |
| 141 | AE002901 | 791WHDA001 | LAMIFILM BAG |
| 142 | AE008692 | 792WHA0676 | PACKAGE TOP |
| 143 | AE008693 | 792WHA0677 | PACKAGE BOTTOM |
| 144 | AE008694 | 793WCD1768 | GIFT BOX |
| 145 | AE008695 | A5X203D975 | INSTRUCTION BOOK KIT |
| 146 | AE008696 | JA4ND500 | POLYBAG,INSTRUCTION(RED CAUTION) |
| 147 | AE007451 | J3N51617A | REGISTRATION CARD |
| 148 | AE007852 | J5N00629A | INFORMATION SHEET(CND) |
| 149 | AE007627 | J5S10229A | INFORMATION SHEET(USA) |
| 150 | AE008697 | J5X20301A | INSTRUCTION BOOK(E) |
| 151 | AE008698 | 7230008156 | SHEET,BARCODE |
| 201 | AE005338 | 810A140A0U | SCREW WASHER(A) M4*10 CH |
| 202 | AE003528 | 8110630A0U | SCREW TAP TITE(P) BRAZIER $3 * 10 \mathrm{CH}$ |
| 203 | AE007747 | 814623080 U | SCREW TAP TITE(B) BIND 3*5.7+4*2.3 CH |
| 204 | AE003529 | $811063080 \cup$ | SCREW TAP TITE(P) BRAZIER 3*8 CH |
| 205 | AE005472 | 8159130A0S | SCREW,TAPPING(B) WASHER12 PAN 3*10 BLACK |
| 206 | AE007748 | 810A13050U | SCREW WASHER(A) M3*5 CH |
| 207 | AE005214 | 810213080U | SCREW,PAN M3*8 |
| 208 | AE003524 | 8109130AOU | SCREW TAP TITE(B) WH7 3*10 CH |
| 209 | AE005471 | 8102240A2U | SCREW,BIND M4*12 CH |
| 210 | AE005987 | 810723060U | SCREW TAP TITE(S) BIND $3^{*} 6 \mathrm{CH}$ |
| 211 | AE003526 | $810923080 U$ | SCREW TAP TITE(B) BIND 3*8 CH |
| 212 | AE005470 | 8110230A4U | SCREW TAP TITE(P) BIND 3*14 CH |
| 213 | AE007749 | $811023080 U$ | SCREW TAP TITE(P) BIND 3*8 CH |
| 214 | AE005832 | 8110630A2U | SCREW TAP TITE(P) BRAZIER $3 * 12 \mathrm{CH}$ |
| 215 | AE004847 | 8117540A6U | SCREW TAP TITE(B0) TRUSS $4 * 16 \mathrm{CH}$ |

## DVD DECK REPLACEMENT PARTS LIST

| Location No. | TSB P/N | Reference No. | Description |
| :---: | :---: | :---: | :---: |
| $\triangle 600$ | AE008498 | A5X002C650 | DVD MECHA ASS'Y A5X002C650 |
| 601 | AE008499 | 92SBB0033A | LOADER SUB ASS'Y DLM1D29-31 |
| 602 | AE005815 | 92AAA0017A | FEED RACK ASS'Y |
| 603 | AE003551 | 92P100088A | GEAR,MOTOR |
| 604 | AE005805 | 92P100117A | GEAR,MIDDLE |
| 605 | AE008500 | 92P200017A | INSULATOR, F |
| 606 | AE008501 | 92P200018A | INSULATOR, R |
| 607 | AE005816 | 92P100116A | GEAR,FEED |
| 608 | BZ710149 | 800WFAA008 | CUSHION C |
| 701 | AE005817 | 92P700007A | SCREW,GEAR FEED |
| 702 | AE003554 | 814011723 U | SCREW,PAN M1.7*2.3 P3 CH |
| 703 | AE003555 | $816112080 \cup$ | SEMS.TAP TITE(P) PAN W10 2*8 CH |
| 704 | AE005006 | 813381750 U | SCREW,T-TITE(B)CAMERA PAN M1.7*5.0 P3 CH |
| 705 | AE003557 | $811022080 \cup$ | SCREW,TAP TITE(P) BIND 2*8 CH |
| CD2001 | AE008502 | 122 J 401603 | CORD JUMPER 127000-2933 |
| CD2301 | AE003558 | 122 H 062102 | CORD JUMPER 2H062102 |
| SW2 | AE001158 | 0500101036 | PUSH SWITCH ESE22MH22 |
| PCB640 | AE008503 | A5X002C640 | SW PCB ASS'Y DED020A |
| $\triangle \mathrm{M} 2602$ | AE005821 | 1515S98004 | MOTOR BCZ3B05 |

## ELECTRICAL REPLACEMENT PARTS LIST

| Location No. | TSB P/N | Reference N | Description |  |
| :---: | :---: | :---: | :---: | :---: |
| RESISTORS |  |  |  |  |
| R338 | BZ210191 | R3X28B010J | R,METAL OXIDE | 1 OHM 3W |
| - R3801 | BZ210206 | R002T2155J | RC | 1.5M OHM 1/2W |
| $\triangle$ R3805 | BZ210063 | R3X181R22J | R,METAL OXIDE | 0.22 OHM 1W |
| $\triangle$ R3812 | BZ210078 | R65584101J | R,FUSE | 100 OHM 1/4W |
| $\triangle$ R3813 | AE007372 | R3K58A104J | R,METAL OXIDE | 100K OHM 2 W |
| $\triangle$ R3815 | AE008642 | R63884102J | R,FUSE | J 1K OHM 1/4W |
| $\triangle$ R3818 | AE005735 | R63881R22J | R,FUSE | 0.22 OHM 1W |
| CAPACITORS |  |  |  |  |
| C339 | AE006603 | E61FF3102D | CE | 1000 UF 25V |
| $\triangle$ C3801 | BZ110025 | P2122B224M | CMP | 0.22 UF 275V ECQUL |
| $\triangle$ C3803 | BZ110035 | P2122B104M | CMP | 0.1 UF 275V ECQUL |
| - C 3806 | AE000950 | CD39E0ME3M | CC | 0.0015 UF 250V |
| $\triangle$ C3807 | AE005071 | E61FT2681D | CE | 680 UF 16V |
| $\triangle$ C3810 | BZ110025 | P2122B224M | CMP | 0.22 UF 275V ECQUL |
| $\triangle$ C3817 | AE008632 | CD39B0ML2K | CC | 330 PF 250V |
| $\triangle$ C3821 | AE004934 | CD39B0MH2K | CC | 220 PF 250V |
| C3826 | AE005071 | E61FT2681D | CE | 680 UF 16V |
| - ${ }_{\text {C3827 }}$ | AE008635 | E71LFC591D | CE | 590 UF 200V |
| C3829 | BZ110182 | C03L0R713K | CC | 0.001 UF 2KV R |
| C3836 | AE002229 | P411F4393J | CMPP | 0.039 UF 400V ECWF |
| $\triangle$ C3839 | AE004934 | CD39B0MH2K | CC | 220 PF 250V |
| C3841 | BZ110175 | C03L0R7H2K | CC | 220 PF 2KV R |
| - C3842 $^{\text {d }}$ | AE007807 | E61FF4122D | CE | 1200 UF 35V |
| $\triangle$ C3843 | AE007807 | E61FF4122D | CE | 1200 UF 35V |
| C3847 | AE000471 | E5EZU5100M | CE | 10 UF 50V |
| C3849 | AE007807 | E61FF4122D | CE | 1200 UF 35V |
| - C3853 $^{\text {d }}$ | AE006603 | E61FF3102D | CE | 1000 UF 25V |
| - C 3857 | AE002708 | E5EZU2101M | CE | 100 UF 16V |
| - C 3862 | AE002708 | E5EZU2101M | CE | 100 UF 16V |
| DIODES |  |  |  |  |
| D101 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D105 | AE007801 | DD7R20S300 | DIODE,SCHOTTKY BARRIER | RB520S-30-TE61 |
| D106 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D109 | AE007801 | DD7R20S300 | DIODE,SCHOTTKY BARRIER | RB520S-30-TE61 |
| D301 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D802 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D803 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D805 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D807 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D808 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D2202 | AE000288 | 0021E9Q010 | LED | LTL-1BEFJ-002A |
| D2303 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D2304 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D3001 | AE008321 | DD7RB051L0 | DIODE,SCHOTTKY | RB051L-40_TE25 |
| D3002 | AE008321 | DD7RB051L0 | DIODE,SCHOTTKY | RB051L-40_TE25 |
| D3003 | AE008321 | DD7RB051L0 | DIODE,SCHOTTKY | RB051L-40_TE25 |
| D3206 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D3207 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D3209 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D3600 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D3601 | AE004793 | DD7R60L400 | DIODE,SCHOTTKY | RB160L-40-TE25 |
| D3602 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D3603 | AE004793 | DD7R60L400 | DIODE,SCHOTTKY | RB160L-40-TE25 |
| D3606 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D3609 | AE004794 | DE7RB3R32B | DIODE,ZENER | UDZS3.3B TE-17 |
| D3613 | AE004794 | DE7RB3R32B | DIODE,ZENER | UDZS3.3B TE-17 |
| $\triangle$ D3801 | BZ410031 | D6CE24110A | DIODE,VARISTA | ENE241D-10A-Q6 |
| $\triangle$ D3803 | AE004936 | D6E027110A | DIODE,VARISTA | ENE271D-10A |
| D3804 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| $\triangle$ D3806 | AE008634 | DOU033020M | DIODE,VARISTA | DSS-302M-S00B |
| D3809 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D3811 | AE008319 | D4AT01H3E0 | DIODE,RECTIFIER | 1H3-E |
| $\triangle$ D3812 | AE008633 | D2B0BV6080 | DIODE,BRIDGE | RBV-608 |
| D3813 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D3814 | BZ410066 | D97U06R21B | DIODE,ZENER | MTZJ6.2B T-77 |
| D3815 | AE002133 | D2BXARS010 | DIODE,SILICON | SARS01-V1 |
| D3817 | AE008319 | D4AT01H3E0 | DIODE,RECTIFIER | 1H3-E |
| D3818 | AE008319 | D4AT01H3E0 | DIODE,RECTIFIER | 1H3-E |
| $\triangle$ D3819 | AE005173 | D2BAMX22S0 | DIODE,SCHOTTKY | FMX-22S |
| $\triangle$ D3820 | AE005173 | D2BAMX22S0 | DIODE,SCHOTTKY | FMX-22S |
| $\triangle$ D3824 | AE007800 | D2CA2C15R0 | DIODE,SCHOTTKY BARRIER | YG862C15R |
| D3825 | AE008319 | D4AT01H3E0 | DIODE,RECTIFIER | 1H3-E |
| D3826 | BZ410109 | D97U02001B | DIODE,ZENER | MTZJ20B T-77 |
| D3827 | AD302208 | D97U03R31B | DIODE,ZENER | MTZJ3.3B T-77 |
| D3828 | BZ410020 | D97U05R11B | DIODE,ZENER | MTZJ5.1B T-77 |

## ELECTRICAL REPLACEMENT PARTS LIST

| Location No. | TSB P/N | ference No. | Description |  |
| :---: | :---: | :---: | :---: | :---: |
| DIODES |  |  |  |  |
| D3829 | BZ410064 | D97U03R91B | DIODE,ZENER | MTZJ3.9B T-77 |
| D3831 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D3832 | AD302208 | D97U03R31B | DIODE,ZENER | MTZJ3.3B T-77 |
| D3834 | BZ410084 | D97U01101B | DIODE,ZENER | MTZJ11B T-77 |
| D4002 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D4003 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D4005 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1 SS355 TE-17 |
| D4008 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1 SS355 TE-17 |
| D4209 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D4301 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D4302 | AE004795 | DE7RB5R62B | DIODE,ZENER | UDZS5.6B TE-17 |
| D4310 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D6401 | BZ410006 | D1VT001330 | DIODE,SILICON | 1SS133T-77 |
| D6402 | AE004643 | D28R1QS040 | DIODE | EC31QS04-TE12L |
| D6403 | AE008319 | D4AT01H3E0 | DIODE,RECTIFIER | 1H3-E |
| D8509 | BZ410086 | DD7R0S3550 | DIODE,SILICON | 1SS355 TE-17 |
| D8510 | BZ410086 | DD7R0S3550 | DIODE,SILICON | $1 \mathrm{SS355}$ TE-17 |
| ICS |  |  |  |  |
| IC101 | AE008648 | S5X203DM01 | MEMORY DATA | OEC7158A |
| IC102 | 79097849 | I9UF032290 | IC | PST3229NR |
| IC103 | AE008644 | S5X203DE02 | MEMORY DATA | AT24C256N-10SU-2.7 |
| IC104 | AE008643 | S5X203DE01 | MEMORY DATA | AT24C256N-10SU-2.7 |
| IC301 | AD301983 | 101FF58910 | IC | AN5891SA-E1V |
| -1/302 | AE008430 | 103 SP 20520 | IC | LA42052-E |
| IC303 | AE002504 | 10QF0580V0 | IC | NJM4580V(TE1) |
| IC801 | AE008638 | 156K07A720 | IC | R8J66607A72FP |
| IC901 | AE004647 | 101FF58320 | IC | AN5832SA-E1V |
| IC2101 | AE005610 | IFSK0883C0 | IC | MST9883C-LF-110 |
| $\triangle \mathrm{C} 2301$ | AE008194 | 103FV65650 | IC | LA6565VR-TLM-E |
| $\triangle 1$ C3001 | AE004650 | 107F097430 | IC | BA9743AFV-E2 |
| $\triangle 1$ C3002 | AE006395 | I0GF91ZPH0 | IC | PQ070XZ01ZPH |
| $\triangle 1$ C3003 | AE004653 | 11KF98D050 | IC | KIA78D05F |
| $\triangle 1$ C3201 | AE007825 | 107F0C0WF0 | IC | BAOOBCOWFP-E2 |
| \1C3202 | AE008431 | 107F078200 | IC | BD7820FP-E2 |
| IC3600 | AE008431 | 107F078200 | IC | BD7820FP-E2 |
| IC3601 | AE008646 | S5X203DE04 | MEMORY DATA | BR24L02F-WE2 |
| IC3602 | AE007825 | 107F0COWF0 | IC | BA00BCOWFP-E2 |
| IC3603 | AE008640 | IG1F090110 | IC | SII9011CLU |
| IC3604 | AE001295 | 10QJ045800 | IC | NJM4580M (TE1) |
| IC3605 | AE008641 | IG4F020210 | IC | CM2021-00TR |
| IC3607 | AE004802 | I1FF043340 | IC | CS4334-KSZR |
| IC3608 | AE008645 | S5X203DE03 | MEMORY DATA | BR24L32F-WE2 |
| IC3611 | AE008639 | ICMF089E50 | IC | SST89E58RD2-40-C-TQJE |
| $\triangle$ IC3801 | AE007826 | IOBTOX6730 | IC | STR-X6737 |
| $\triangle 1$ C3802 | AE008636 | $103 T 057740$ | IC | LA5774-E |
| IC3803 | AE008593 | IOGA9120R0 | IC | PQ120RDA1SZH |
| $\triangle 1$ C3805 | AD302211 | 11KJ9A431A | IC | KIA431A-AT |
| $\triangle 1$ C3806 | AE007827 | IOGA9090R0 | IC | PQ090RDA1SZH |
| $\triangle 1$ C3807 | AE008637 | IOGA9050R0 | IC | PQ050RDA1SZH |
| $\triangle 1$ C3808 | AE002809 | 000220002W | PHOTO COUPLER | PS2561AL1-1-V(W) |
| IC4001 | AE008196 | ICQK068821 | IC | ZR36882ELCG |
| IC4005 | AE008377 | IG2J081657 | IC | EM638165TS-7G |
| IC4007 | AE008647 | S5X203DF01 | MEMORY DATA | SST39VF1601-70-4C-EKE |
| IC4201 | AE002728 | 101F05853B | IC | AN15853B-E1 |
| IC4202 | AE001295 | 10QJ045800 | IC | NJM4580M(TE1) |
| IC4203 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC4204 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC4301 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC4302 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC4303 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC4304 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| $\triangle 1$ C6401 | AE008435 | 11LF010150 | IC | AL1015 |
| IC6402 | AE007842 | TJ7M50P030 | FET | RSS050P03_TB |
| $\triangle$ IC6403 | AE004648 | 103 D 979950 | IC | LA7995M-TLM |
| IC7201 | AE008438 | IF8F0385A0 | IC | ICSV385AGLFT |
| IC8103 | AD301988 | IOUF015010 | IC | MM1501XNRE |
| IC8104 | AE004651 | 10QF025840 | IC | NJM2584AM(TE1) |
| IC8502 | AE003584 | 117F017530 | IC | PCM1753DBQR |
| TRANSISTORS |  |  |  |  |
| Q101 | BZ510067 | TNAAC05002 | COMPOUND TRANSISTOR | KRC103SRTK |
| Q104 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q105 | BZ510072 | TPAAC05002 | COMPOUND TRANSISTOR | KRA103SRTK |
| Q106 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q301 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q302 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |

## ELECTRICAL REPLACEMENT PARTS LIST

| Location No. | TRANSISTORS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Q303 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q304 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q305 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q306 | BZ510107 | TPAAA05001 | COMPOUND TRANSISTOR | KRA101SRTK |
| Q709 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q2101 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |
| Q2301 | AE008330 | TAAA1505SY | TRANSISTOR,SILICON | KTA1505S-Y-RTK/P |
| Q2302 | AE008331 | TAAA1544T0 | TRANSISTOR,SILICON | KTA1544T-RTK/P |
| Q2303 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q2304 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q2305 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3001 | AE008441 | TAAA01664Y | TRANSISTOR,SILICON | KTA1664-Y-RTF/P |
| Q3002 | BZ510071 | TNAAB05003 | COMPOUND TRANSISTOR | KRC102SRTK |
| Q3003 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3004 | BZ510112 | T67J1036K0 | TRANSISTOR,SILICON | 2SA1036KT146 |
| Q3005 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3006 | BZ510112 | T67J1036K0 | TRANSISTOR,SILICON | 2SA1036KT146 |
| $\triangle$ Q3007 | AE004663 | TJ5M081090 | FET | TPC8109(T2LORION_Q) |
| $\triangle$ Q3008 | AE004663 | TJ5M081090 | FET | TPC8109(T2LORION_Q) |
| $\triangle$ Q3205 | AE008441 | TAAA01664Y | TRANSISTOR,SILICON | KTA1664-Y-RTF/P |
| Q3206 | BZ510071 | TNAAB05003 | COMPOUND TRANSISTOR | KRC102SRTK |
| Q3209 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3210 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3600 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q3601 | BZ510088 | TNAAD05001 | COMPOUND TRANSISTOR | KRC104SRTK |
| Q3605 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q3606 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q3607 | BZ510088 | TNAAD05001 | COMPOUND TRANSISTOR | KRC104SRTK |
| Q3608 | BZ510107 | TPAAA05001 | COMPOUND TRANSISTOR | KRA101SRTK |
| Q3609 | BZ510088 | TNAAD05001 | COMPOUND TRANSISTOR | KRC104SRTK |
| Q3610 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3611 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3612 | BZ510107 | TPAAA05001 | COMPOUND TRANSISTOR | KRA101SRTK |
| Q3613 | BZ510088 | TNAAD05001 | COMPOUND TRANSISTOR | KRC104SRTK |
| Q3801 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q3804 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |
| Q3805 | BZ510020 | TNYJB05001 | COMPOUND TRANSISTOR | DTC114EKAT146 |
| Q3808 | BZ510071 | TNAAB05003 | COMPOUND TRANSISTOR | KRC102SRTK |
| Q3809 | BZ510070 | TCAT032034 | TRANSISTOR,SILICON | KTC3203_Y-AT |
| Q4201 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4202 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4203 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4204 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4205 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q4206 | AE008379 | T2AA5132E0 | FET | KTK5132E-RTK/P |
| Q4207 | BZ510088 | TNAAD05001 | COMPOUND TRANSISTOR | KRC104SRTK |
| Q4208 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4209 | BZ510107 | TPAAA05001 | COMPOUND TRANSISTOR | KRA101SRTK |
| Q4210 | BZ510067 | TNAAC05002 | COMPOUND TRANSISTOR | KRC103SRTK |
| Q4231 | BZ510072 | TPAAC05002 | COMPOUND TRANSISTOR | KRA103SRTK |
| Q4233 | BZ510071 | TNAAB05003 | COMPOUND TRANSISTOR | KRC102SRTK |
| Q4301 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4302 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4304 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q4305 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q6401 | BZ510067 | TNAAC05002 | COMPOUND TRANSISTOR | KRC103SRTK |
| Q6402 | BZ510071 | TNAAB05003 | COMPOUND TRANSISTOR | KRC102SRTK |
| Q8101 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |
| Q8102 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q8103 | BZ510109 | TCAA3875SY | TRANSISTOR,SILICON | KTC3875S_Y_RTK |
| Q8105 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |
| Q8106 | BZ510108 | TAAA1504SY | TRANSISTOR,SILICON | KTA1504S_Y_RTK |
|  |  | COILS | RANSFORMERS |  |
| L001 | AD300613 | 02167F150J | COIL | 15 UH |
| L002 | BZ310041 | 02167F101J | COIL | 100 UH |
| L003 | AE005592 | 0216S8330K | COIL | F 33 UH |
| L301 | BZ310041 | 02167F101J | COIL | 100 UH |
| L302 | AD300613 | 02167F150J | COIL | 15 UH |
| L703 | BZ310041 | 02167F101J | COIL | 100 UH |
| L901 | BZ310041 | 02167F101J | COIL | 100 UH |
| L2101 | AE005284 | 0216S8220K | COIL | F 22 UH |
| L2102 | AE005284 | 0216S8220K | COIL | F22 UH |
| L2103 | AE005285 | 0216S8470K | COIL | F 47 UH |
| L2106 | AE008606 | 0216S42R2J | COIL | 2.2 UH |
| L2107 | AE005284 | 0216S8220K | COIL | F22 UH |

## ELECTRICAL REPLACEMENT PARTS LIST



## ELECTRICAL REPLACEMENT PARTS LIST

| Location No. | nce No. Description MISCELLANEOUS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| B3201 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3202 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3203 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3204 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3206 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3207 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3208 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B3601 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3602 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3603 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3604 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3605 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3608 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B3609 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B3610 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B3611 | AE008609 | 024HC51023 | CORE,BEADS | FCM1608KF-102T02 |
| B3613 | AE008609 | 024HC51023 | CORE,BEADS | FCM1608KF-102T02 |
| B3614 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3615 | AE008610 | 024HC51513 | CORE,BEADS | FCM1608KF-151T06 |
| B3802 | BZ310129 | 024HT03564 | CORE,BEADS | W4BRH3.5X6X1.0 |
| B3804 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B4001 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4002 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4003 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4004 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4005 | AE005476 | 0246 C 51024 | CORE,BEADS | MMZ1608R102CT |
| B4006 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4007 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4008 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4009 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4010 | AE005476 | 0246 C 51024 | CORE,BEADS | MMZ1608R102CT |
| B4011 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4012 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4013 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4014 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4015 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4016 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B4018 | AE005476 | 0246 C 51024 | CORE,BEADS | MMZ1608R102CT |
| B4303 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B4304 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B4305 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B4307 | AE005476 | 0246 C 51024 | CORE,BEADS | MMZ1608R102CT |
| B4308 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| B6402 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B6403 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B6404 | AE007761 | 024AC5181J | CORE,BEADS | BLM18PG181SN1D |
| B7201 | AE008395 | 024HC56005 | CORE,BEADS | FCM1608CF-600T06 |
| B8503 | AE005476 | 0246C51024 | CORE,BEADS | MMZ1608R102CT |
| BT001 | AE008217 | 141 U 004016 | BATTERY,MANGAN | MNAAA(R03) |
| BT002 | AE008217 | 141 U 004016 | BATTERY,MANGAN | MNAAA(R03) |
| $\triangle$ CD501 | AE008615 | 06CH241602 | CORD,CONNECTOR | CH241602 |
| CD702 | AE004616 | 06CU261503 | CORD,CONNECTOR | CU261503 |
| CD703 | AE008622 | 06CU291703 | CORD,CONNECTOR | CU291703 |
| CP101 | AD300752 | 069S250629 | CONNECTOR PCB SIDE | A2001WV2-5P |
| CP102 | BZ614213 | 069S2A0629 | CONNECTOR PCB SIDE | A2001WV2-10P |
| CP103 | BZ614485 | 069S270629 | CONNECTOR PCB SIDE | A2001WV2-7P |
| CP301 | AD301045 | 069S140419 | CONNECTOR PCB SIDE | A2502WV2-4P |
| CP802 | AE006528 | 069EVU3030 | CONNECTOR PCB SIDE | 00_6232_030_006_800+ |
| CP803 | AE007769 | 069EVT3030 | CONNECTOR PCB SIDE | 00_6232_029_006_800+ |
| CD1004 | AE008618 | 06CU147404 | CORD,CONNECTOR | CU147404 |
| CD2200 | AE008620 | 06CU233002 | CORD,CONNECTOR | CU233002 |
| CD2201 | AE008621 | 06CU251003 | CORD,CONNECTOR | CU251003 |
| CD2202 | AE005289 | 06CU220702 | CORD,CONNECTOR | CU220702 |
| $\triangle$ CD3801 | AE005639 | 1209414909 | CORD,AC BUSH | 9414909 |
| CD3807 | AE008617 | 06CH2E4401 | CORD,CONNECTOR | CH2E4401 |
| CD3810 | AE008619 | 06CU1E2001 | CORD,CONNECTOR | CU1E2001 |
| CD4203 | AE007786 | 122H0T0801 | CORD,JUMPER | 2H0T0801 |
| CD4204 | AE007787 | 122 HOU 0802 | CORD,JUMPER | 2H0U0802 |
| CD6402 | AE008616 | 06CH281501 | CORD,CONNECTOR | CH281501 |
| CD6403 | AE008623 | 06CU2B3401 | CORD,CONNECTOR | CU2B3401 |
| CD7204 | AE007779 | 06CHRU3401 | CORD,CONNECTOR | CHRU3401 |
| CP2200 | BZ614350 | 069S230629 | CONNECTOR PCB SIDE | A2001WV2-3P |
| CP2201 | AD300752 | 069S250629 | CONNECTOR PCB SIDE | A2001WV2-5P |
| CP2251 | AE005287 | 069S220639 | CONNECTOR PCB SIDE | A2001WR2-2P |
| CP2301 | AE008156 | 069KYOT159 | CONNECTOR PCB SIDE | LD07T2-24ND-03 |

## ELECTRICAL REPLACEMENT PARTS LIST

| Location No. | MISCELLANEOUS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| CP2302 | AE005934 | 069EV53030 | CONNECTOR PCB SIDE | 00_6232_005_006_800+ |
| CP2303 | AE005935 | 069EV63030 | CONNECTOR PCB SIDE | 00_6232_006_006_800+ |
| CP3201 | BZ614214 | 069S2B0629 | CONNECTOR PCB SIDE | A2001WV2-11P |
| CP3601 | AE004763 | 069HYJ3010 | CONNECTOR PCB SIDE | DC1R019JDA |
| CP3604 | BZ614458 | 069S290629 | CONNECTOR PCB SIDE | A2001WV2-9P |
| CP3802 | BZ614016 | 069W01001A | CONNECTOR PCB SIDE | 003P-2100 |
| $\triangle$ CP3805 | BZ614016 | 069W01001A | CONNECTOR PCB SIDE | 003P-2100 |
| CP3807 | BZ614459 | 069S2E0629 | CONNECTOR PCB SIDE | A2001WV2-14P |
| CP3808 | AD301998 | 069S240629 | CONNECTOR PCB SIDE | A2001WV2-4P |
| CP3810 | AE008614 | 069S1E0019 | CONNECTOR PCB SIDE | A2501WV2-14P |
| CP3811 | AD301796 | 069S280629 | CONNECTOR PCB SIDE | A2001WV2-8P |
| CP4202 | AD300752 | 069S250629 | CONNECTOR PCB SIDE | A2001WV2-5P |
| CP4203 | AE007769 | 069EVT3030 | CONNECTOR PCB SIDE | 00_6232_029_006_800+ |
| CP4204 | AE006528 | 069EVU3030 | CONNECTOR PCB SIDE | 00_6232_030_006_800+ |
| CP4302 | AE007768 | 0694S15017 | CONNECTOR PCB SIDE | 1-1734344-1 |
| CP4303 | BZ614242 | 069S260629 | CONNECTOR PCB SIDE | A2001WV2-6P |
| CP4401 | BZ614458 | 069S290629 | CONNECTOR PCB SIDE | A2001WV2-9P |
| CP6401 | AE008614 | 069S1E0019 | CONNECTOR PCB SIDE | A2501WV2-14P |
| CP6402 | AD301796 | 069S280629 | CONNECTOR PCB SIDE | A2001WV2-8P |
| $\triangle$ CP6403 | BZ614214 | 069S2B0629 | CONNECTOR PCB SIDE | A2001WV2-11P |
| CP7203 | AE005151 | 069HVWT04A | CONNECTOR PCB SIDE | FI-X30S-HF-NPB |
| CUS911 | BZ710148 | 800WFAA007 | CUSHION B |  |
| EL2401 | BZ614043 | 124116281A | EYE LET | XRY16X28BD |
| EL2402 | BZ614044 | 124120301A | EYE LET | XRY20X30BD |
| - F3001 | AE004626 | 083LA05007 | FUSE | 1206FA5A-T |
| \F3801 | BZ614504 | 081PC05005 | FUSE | 51MS050L |
| FH3801 | AE002634 | 06710T0009 | HOLDER,FUSE | EYF-52BCY |
| FH3803 | AE002634 | 06710T0009 | HOLDER,FUSE | EYF-52BCY |
| NR801 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR802 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR803 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR804 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR805 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR806 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR807 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR808 | AE008077 | 110P4103M4 | R,NETWORK | 4D03WGJ0103T5E |
| NR809 | AE008077 | 110P4103M4 | R,NETWORK | 4D03WGJ0103T5E |
| NR2101 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR2102 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR2103 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR2104 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR2105 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR2106 | AE004680 | 110P4101M4 | R,NETWORK | 4D03WGJ0101T5E |
| NR3601 | AE008078 | 110P4330M4 | R,NETWORK | 4D03WGJ0330T5E |
| NR3602 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR3604 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR3605 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR3606 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR3607 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR3608 | AE006386 | 110P4000M4 | R,NETWORK | 4D03WGJ0000T5E |
| NR7201 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| NR7202 | AE005937 | 110P4470M4 | R,NETWORK | 4D03WGJ0470T5E |
| OS2201 | AE008414 | 077A033001 | REMOTE RECEIVER | ROM-V338TAO |
| - SP301 $^{\text {a }}$ | AE006459 | 070N546012 | SPEAKER | YDP4010-2 |
| $\triangle$ SP302 | AE006459 | 070N546012 | SPEAKER | YDP4010-2 |
| SH8501 | AE008418 | 126R000038 | TERMINAL PIN | TP00370-21 |
| TM101 | AE007781 | 076D0LT010 | TRANSMITTER | ORV205N1505026-J |
| $\triangle$ TU001 | AE008392 | 0162300048 | RF UNIT | 115-V-LA35ARH |
| $\triangle$ TH3801 | AE007804 | DSROLDNB00 | THERMISTOR | NTPAA2R2LDNB0 |
| TR3801 | BZ310181 | 02A6B2E0A1 | CORE,FERRITE | HF70T22*10*14 |
| TR3803 | BZ310118 | 02AHB9A972 | CORE,FERRITE | W5T29X7.5X19 |
| TR3804 | BZ310118 | 02AHB9A972 | CORE,FERRITE | W5T29X7.5X19 |
| TR3805 | BZ310118 | 02AHB9A972 | CORE,FERRITE | W5T29X7.5X19 |
| TR3806 | BZ310181 | 02A6B2E0A1 | CORE,FERRITE |  |
| - V2301 | AE007783 | $09 E S 120001$ | LCD | LC200WX1-SL01 |
| X101 | AE004780 | 100WT01611 | CRYSTAL | HC-49/U-S |
| X801 | AE007784 | 100YT05401 | CRYSTAL | FCX-03 |
| X3601 | AE004779 | 100CT01101 | CRYSTAL | HC-49/U-S |
| X3602 | AE008624 | 100DT02801 | CRYSTAL | SMD-49 |
| X4001 | AE008161 | 100GT02720 | CRYSTAL | B27000C005 |

## ELECTRICAL REPLACEMENT PARTS LIST

## RESISTOR

RC................... CARBON RESISTOR
CAPACITORS
C................... CERAMIC CAPACITOR
CE.................. ALUMI ELECTROLYTIC CAPACITOR
CP..
CPP.
CPL. POLYESTER CAPACITOR POLYPROPYLENE CAPACITOR
CMP.. PLASTIC CAPACITOR METAL POLYESTER CAPACITOR METAL PLASTIC CAPACITOR

CMPP METAL POLYPROPYLENE CAPACITOR

## TOSHIBA CORPORATION

1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN

