



SERVICE MANUAL

MODELS : RH178H/188H/1999H/HDR688X



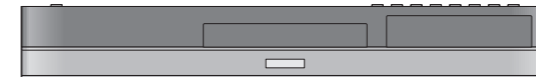
HDD/DVD RECORDER

SERVICE MANUAL

MODELS : RH178H/188H/1999H/HDR688X

CAUTION

BEFORE SERVICING THE UNIT, READ THE "SAFETY PRECAUTIONS"
IN THIS MANUAL.



P/NO : AFN30086042

APRIL,2006

LG Electronics Inc.

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SECTION 1

SUMMARY

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NEW FUNCTIONS OF HDD/DVD-RECORDER

• HDMI

HDMI IS THE SPECIFICATION FOR THE HIGH-DEFINITION MULTIMEDIA INTERFACE. HDMI IS PROVIDED FOR TRANSMITTING DIGITAL TELEVISION AUDIOVISUAL SIGNALS FROM HDD-DVD RECORDER TO TELEVISION SETS, OTHER VIDEO DISPLAYS. HDMI CAN CARRY HIGH QUALITY MULTI-CHANNEL AUDIO DATA AND CAN CARRY ALL STANDARD AND HIGH DEFINITION CONSUMER ELECTRONICS VIDEO FORMATS. CONTENT PROTECTION TECHNOLOGY IS AVAILABLE. HDMI CAN ALSO CARRY CONTROL AND STATUS INFORMATION IN BOTH DIRECTIONS.

<< OPERATING >>

AUDIO, VIDEO AND AUXILIARY DATA IS TRANSMITTED ACROSS THE THREE TMDS DATA CHANNELS. THE VIDEO PIXEL CLOCK IS TRANSMITTED ON THE TMDS CLOCK CHANNEL AND IS USED BY THE RECEIVER AS A FREQUENCY REFERENCE FOR DATA RECOVERY ON THE THREE TMDS DATA CHANNELS.

VIDEO DATA IS CARRIED AS A SERIES OF 24-BIT PIXELS ON THE THREE TMDS DATA CHANNELS. TMDS ENCODING CONVERTS THE 8BIT PER CHANNEL INTO THE 10BIT DC-BALANCED.

VIDEO PIXEL RATES CAN RANGE FROM 25MHZ TO 165MHZ. THE VIDEO PIXELS CAN BE ENCODED IN EITHER RGB, YCBCR 4:4:4 OR YCBCR 4:2:2 FORMATS. IN ALL THREE CASES, UP TO 24 BITS PER PIXEL CAN BE TRANSFERRED.

FAST DUBBING

DUBBING MEANS A COPYING FUNCTION BETWEEN HDD TO DVD DISCS.

COPYING BETWEEN HDD TO DVD IS A COMPLETELY DIGITAL PROCESS AND THEREFORE INVOLVES NO LOSS OF QUALITY IN THE AUDIO OR VIDEO. SO THIS MEANS THAT COPYING CAN BE CARRIED OUT AT THE MAXIMUM SPEED POSSIBLE.

<< DUBBING SPEED RATE >>

NORMAL DUBBING : SPEED RATE MAX X1

FAST DUBBING : SPEED RATE MAX X4

WHEN FAST DUBBING FROM HDD TO DVD , THE SPEED OF COPYING DEPENDS ON THE RECORDING MODE AND THE KIND OF USING THE DVD DISC, AND THIS MODE IS NOT AVAILABLE FOR EDITED VIDEO TITLE IN HDD.

WHEN FAST DUBBING FROM DVD TO HDD , ONLY AVAILABLE WHEN COPYING VR MODE DISC(DVD-RW) TO HDD , AND ONLY NORMAL DUBBING AVAILABLE WHEN COPYING VIDEO MODE DISC (DVD+R/RW, DVD-R) TO HDD

PRODUCT SAFETY SERVICING GUIDELINES FOR VIDEO PRODUCTS

IMPORTANT SAFETY NOTICE

This manual was prepared for use only by properly trained audio-video service technicians.

When servicing this product, under no circumstances should the original design be modified or altered without permission from LG Electronics Corporation. All components should be replaced only with types identical to those in the original circuit and their physical location, wiring and lead dress must conform to original layout upon completion of repairs.

Special components are also used to prevent x-radiation, shock and fire hazard. These components are indicated by the letter "x" included in their component designators and are required to maintain safe performance. No deviations are allowed without prior approval by LG Electronics Corporation.

Circuit diagrams may occasionally differ from the actual circuit used. This way, implementation of the latest safety and performance improvement changes into the set is not delayed until the new service literature is printed.

CAUTION: Do not attempt to modify this product in any way. Never perform customized installations without manufacturer's approval. Unauthorized modifications will not only void the warranty, but may lead to property damage or user injury.

Service work should be performed only after you are thoroughly familiar with these safety checks and servicing guidelines.

GRAPHIC SYMBOLS



The exclamation point within an equilateral triangle is intended to alert the service personnel to important safety information in the service literature.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the service personnel to the presence of noninsulated "dangerous voltage" that may be of sufficient magnitude to constitute a risk of electric shock.



The pictorial representation of a fuse and its rating within an equilateral triangle is intended to convey to the service personnel the following fuse replacement caution notice:

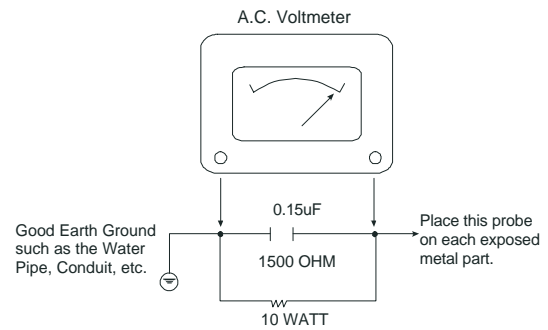
CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ALL FUSES WITH THE SAME TYPE AND RATING AS MARKED NEAR EACH FUSE.

SERVICE INFORMATION

While servicing, use an isolation transformer for protection from AC line shock. After the original service problem has been corrected, make a check of the following:

FIRE AND SHOCK HAZARD

1. Be sure that all components are positioned to avoid a possibility of adjacent component shorts. This is especially important on items transported to and from the repair shop.
2. Verify that all protective devices such as insulators, barriers, covers, shields, strain reliefs, power supply cords, and other hardware have been reinstalled per the original design. Be sure that the safety purpose of the polarized line plug has not been defeated.
3. Soldering must be inspected to discover possible cold solder joints, solder splashes, or sharp solder points. Be certain to remove all loose foreign particles.
4. Check for physical evidence of damage or deterioration to parts and components, for frayed leads or damaged insulation (including the AC cord), and replace if necessary.
5. No lead or component should touch a high current device or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces must be avoided.
6. After reassembly of the set, always perform an AC leakage test on all exposed metallic parts of the cabinet (the channel selector knobs, antenna terminals, handle and screws) to be sure that set is safe to operate without danger of electrical shock. **DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST.** Use an AC voltmeter having 5000 ohms per volt or more sensitivity in the following manner: Connect a 1500 ohm, 10 watt resistor, paralleled by a .15 mfd 150V AC type capacitor between a known good earth ground water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of 1500 ohm resistor and .15 mfd capacitor. Reverse the AC plug by using a non-polarized adaptor and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.75 volts RMS. This corresponds to 0.5 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.



TIPS ON PROPER INSTALLATION

1. Never install any receiver in a closed-in recess, cubbyhole, or closely fitting shelf space over, or close to, a heat duct, or in the path of heated air flow.
2. Avoid conditions of high humidity such as: outdoor patio installations where dew is a factor, near steam radiators where steam leakage is a factor, etc.
3. Avoid placement where draperies may obstruct venting. The customer should also avoid the use of decorative scarves or other coverings that might obstruct ventilation.
4. Wall- and shelf-mounted installations using a commercial mounting kit must follow the factory-approved mounting instructions. A product mounted to a shelf or platform must retain its original feet (or the equivalent thickness in spacers) to provide adequate air flow across the bottom. Bolts or screws used for fasteners must not touch any parts or wiring. Perform leakage tests on customized installations.
5. Caution customers against mounting a product on a sloping shelf or in a tilted position, unless the receiver is properly secured.
6. A product on a roll-about cart should be stable in its mounting to the cart. Caution the customer on the hazards of trying to roll a cart with small casters across thresholds or deep pile carpets.
7. Caution customers against using extension cords. Explain that a forest of extensions, sprouting from a single outlet, can lead to disastrous consequences to home and family.

SERVICING PRECAUTIONS

CAUTION : Before servicing the HDD/DVD Recorder covered by this service data and its supplements and addends, read and follow the *SAFETY PRECAUTIONS*. **NOTE :** if unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions in this publications, always follow the safety precautions.

Remembers Safety First:

General Servicing Precautions

1. Always unplug the HDD/DVD Recorder AC power cord from the AC power source before:
 - (1) Removing or reinstalling any component, circuit board, module, or any other assembly.
 - (2) Disconnection or reconnecting any internal electrical plug or other electrical connection.
 - (3) Connecting a test substitute in parallel with an electrolytic capacitor.
Caution : A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.
2. Do not spray chemicals on or near this HDD/DVD Recorder or any of its assemblies.
3. Unless specified otherwise in this service data, clean electrical contacts by applying an appropriate contact cleaning solution to the contacts with a pipe cleaner, cotton-tipped swab, or comparable soft applicator. Unless specified otherwise in this service data, lubrication of contacts is not required.
4. Do not defeat any plug/socket B+ voltage interlocks with which instruments covered by this service manual might be equipped.
5. Do not apply AC power to this HDD/DVD Recorder and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
6. Always connect test instrument ground lead to the appropriate ground before connection the test instrument positive lead. Always remove the test instrument ground lead last.

Insulation Checking Procedure

Disconnect the attachment plug from the AC outlet and turn the power on. Connect an insulation resistance meter(500V) to the blades of the attachment plug. The insulation resistance between each blade of the attachment plug and accessible conductive parts (Note 1) should be more than 1M-ohm.

Note 1 : Accessible Conductive Parts including Metal panels, Input terminals, Earphone jacks, etc.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field effect transistors and semiconductor chip components.

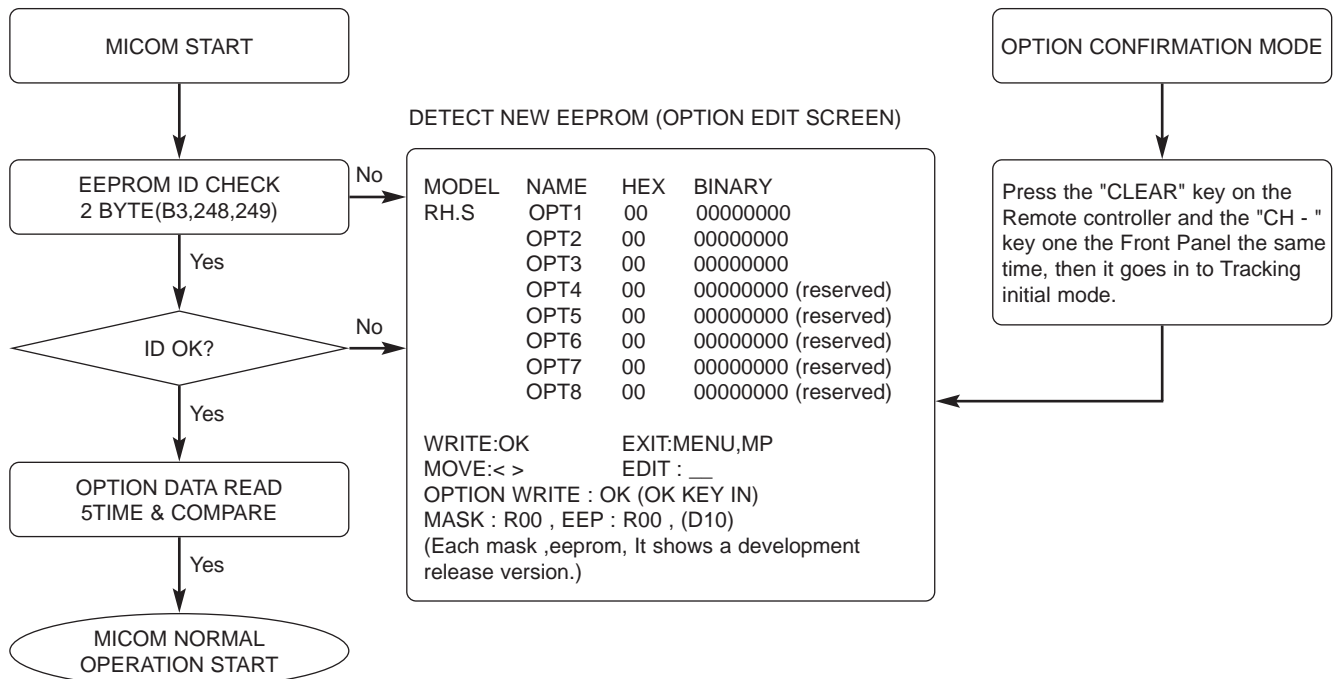
The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified a "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charge sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil, or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Normally harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

SERVICE INFORMATION FOR EEPROM IC SETTING



*** EEPROM INITIAL ***

- SETUP is displayed in the field if pressing the Front ch- & ch+ Key with the Remocon number "clear" key pressed in the status of powering on.
- AUTO SEARCH is done since the initial screen of ACMS is serviced if powering on.

SPECIFICATIONS

• GENERAL

Power requirements	AC 200-240V, 50/60 Hz
Power consumption	35W
Dimensions (approx.)	430 X 54 X 275 mm (w x h x d) without foot
Mass (approx.)	4.1 kg
Operating temperature	5°C to 35°C
Operating humidity	5 % to 90 %
Television system	PAL I, B/G, I/I, SECAM D/K, K1 color system
Recording format	PAL

• RECORDING

Recording format	DVD Video Recording, DVD-VIDEO
Recordable media	HDD (80GB), DVD-ReWritable, DVD-Recordable, DVD+ReWritable, DVD+Recordable, DVD+Recordable (Double Layer)
Recordable time	DVD (4.7GB): Approx. 1 hour (XP mode), 2 hours (SP mode), 4 hours (LP mode), 6 hours (EP mode) DVD+R DL (8.5GB): Approx. 3 hour (XP mode), 3 hours 40 minutes (SP mode), 7 hours 10 minutes (LP mode), 10 hours 30 minutes (EP mode) HDD (80GB): Approx. 20 hours (XP mode), 40 hours (SP mode), 74 hours (LP mode), 111 hours (EP mode)

Video recording format

Sampling frequency	27MHz
Compression format	MPEG 2 (VBR support)

Audio recording format

Sampling frequency	48kHz
Compression format	Dolby Digital

• PLAYBACK

Frequency response	DVD (PCM 48 kHz): 8 Hz to 22 kHz, CD: 8 Hz to 20 kHz DVD (PCM 96 kHz): 8 Hz to 44 kHz
Signal-to-noise ratio	More than 100 dB (AUDIO OUT connector)
Harmonic distortion	Less than 0.008% (AUDIO OUT connector)
Dynamic range	More than 95 dB (AUDIO OUT connector)

• INPUTS

AERIAL IN	Aerial input, 75 ohms
VIDEO IN	1.0 Vp-p 75 ohms, sync negative, RCA jack x 2 / SCART x 2
AUDIO IN	2.0 Vrms more than 47 kohms, RCA jack (L, R) x 2 / SCART x 2
S-VIDEO IN	(Y) 1.0 V (p-p), 75 Ω, sync negative, Mini DIN 4-pin x 1 (C) 0.3 V (p-p) 75 Ω
DV IN	4 pin (IEEE 1394 standard)

• OUTPUTS

VIDEO OUT	1 Vp-p 75 Ω, sync negative, RCA jack x 1 / SCART x 2
S-VIDEO OUT	(Y) 1.0 V (p-p), 75 Ω, sync negative, Mini DIN 4-pin x 1 (C) 0.3 V (p-p) 75 Ω
COMPONENT VIDEO OUT	(Y) 1.0 V (p-p), 75 Ω, sync negative, RCA jack x 1 (Pb)/(Pr) 0.7 V (p-p), 75 Ω, RCA jack x 2
Audio output (digital audio)	0.5 V (p-p), 75 Ω, RCA jack x 1
Audio output (optical audio)	3 V (p-p), 75 Ω, Optical connector x 1
Audio output (analog audio)	2.0 Vrms (1 KHz, 0 dB), 600 Ω, RCA jack (L, R) x 1 / SCART x 2

SECTION 2
CABINET & MAIN CHASSIS

CONTENTS

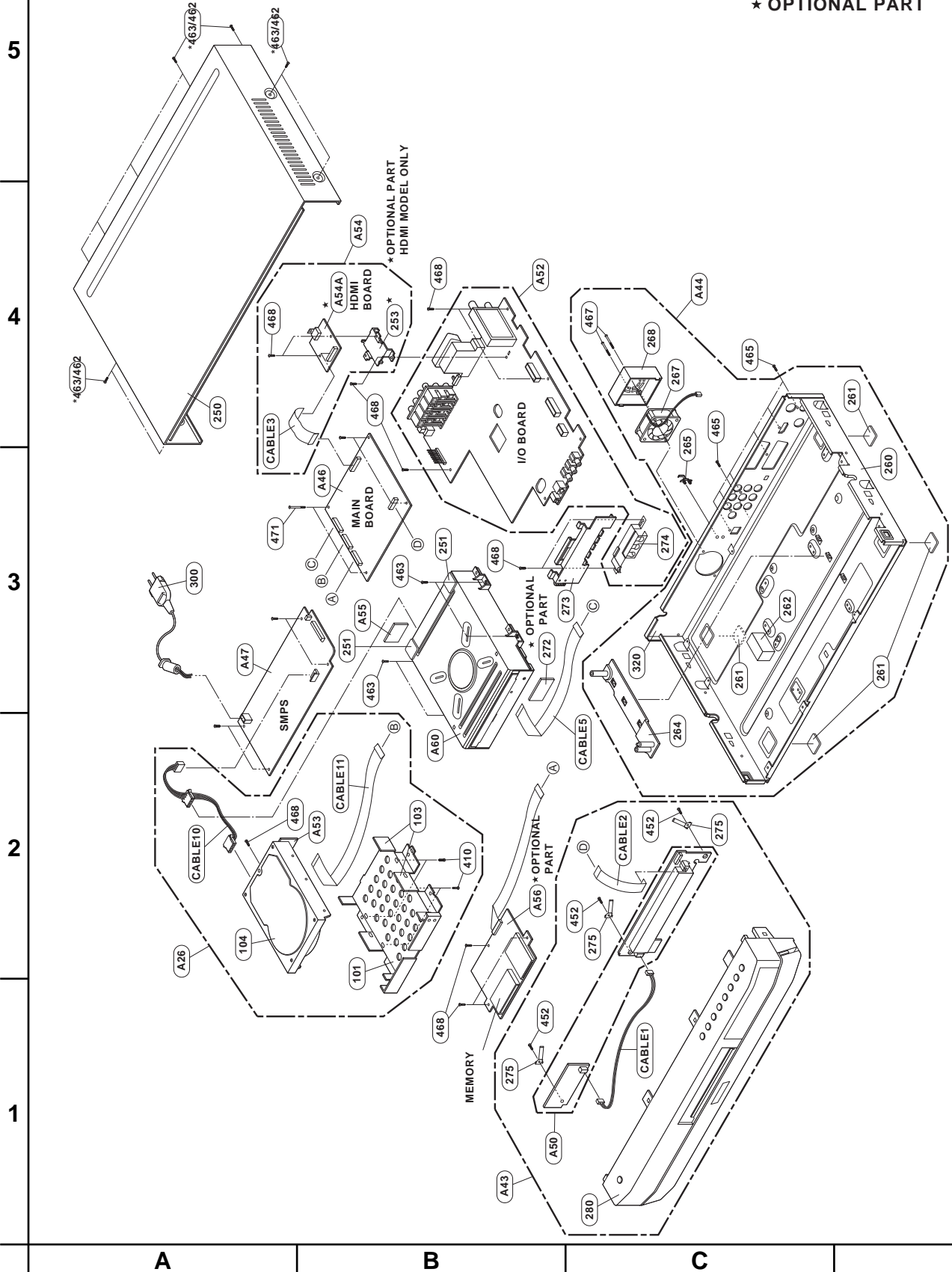
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- 2. DECK MECHANISM SECTION(RS-01A)2-3**
- 3. PACKING ACCESSORY SECTION2-4**

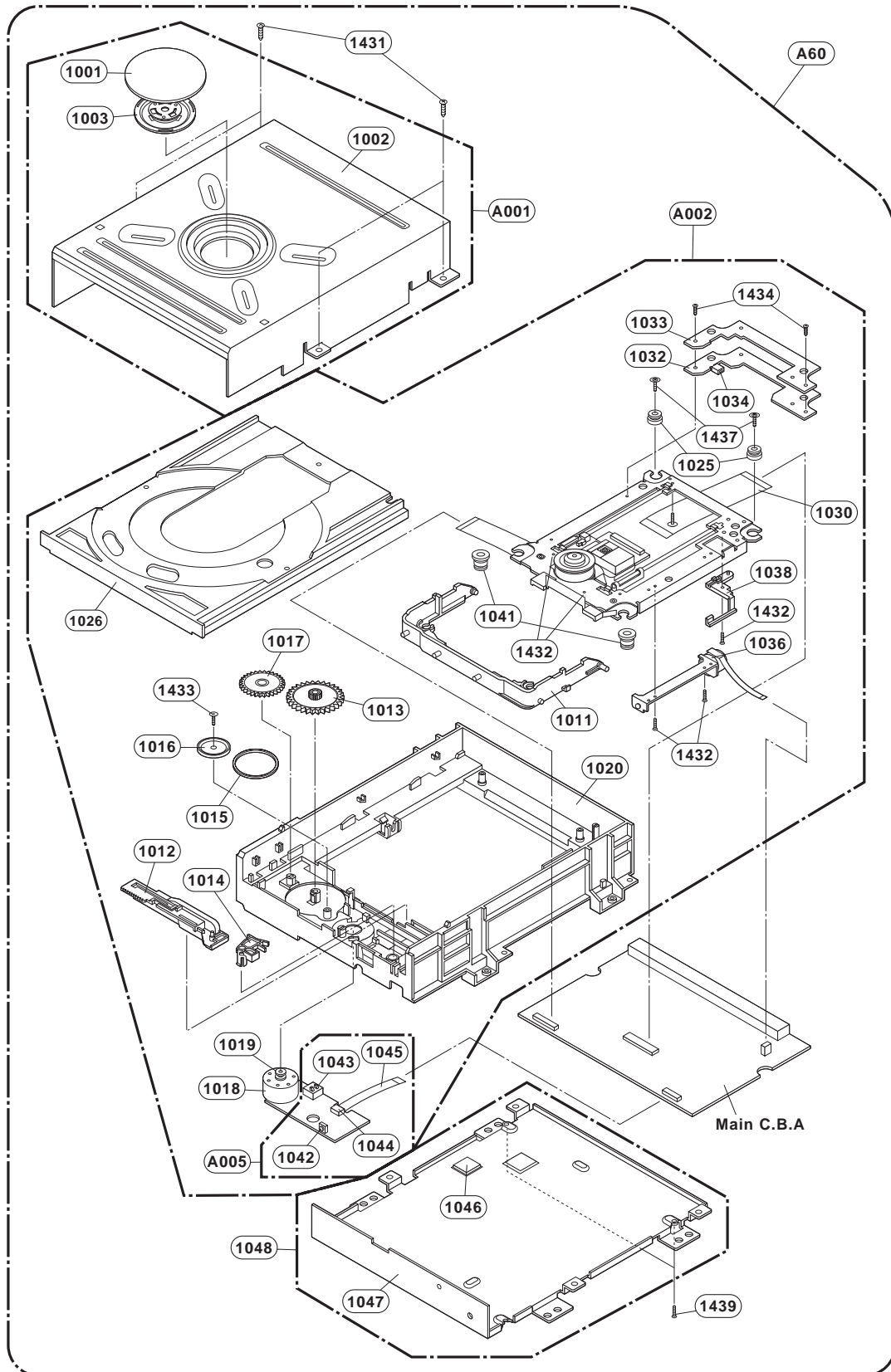
EXPLODED VIEWS

1. CABINET AND MAIN FRAME SECTION

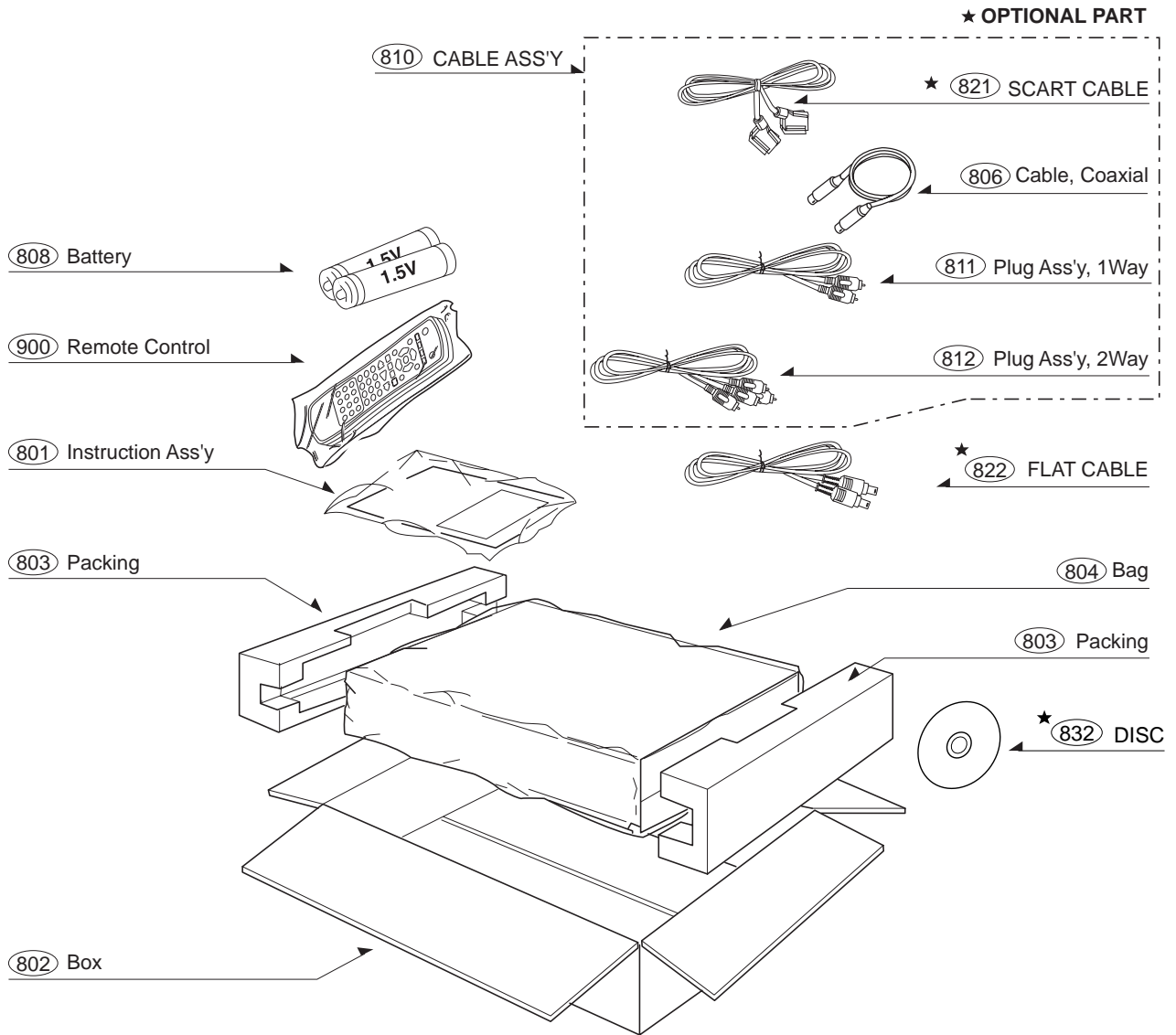
★ OPTIONAL PART



2. DECK MECHANISM SECTION(RS-01A)



3. PACKING ACCESSORY SECTION



SECTION 3 ELECTRICAL CONTENTS

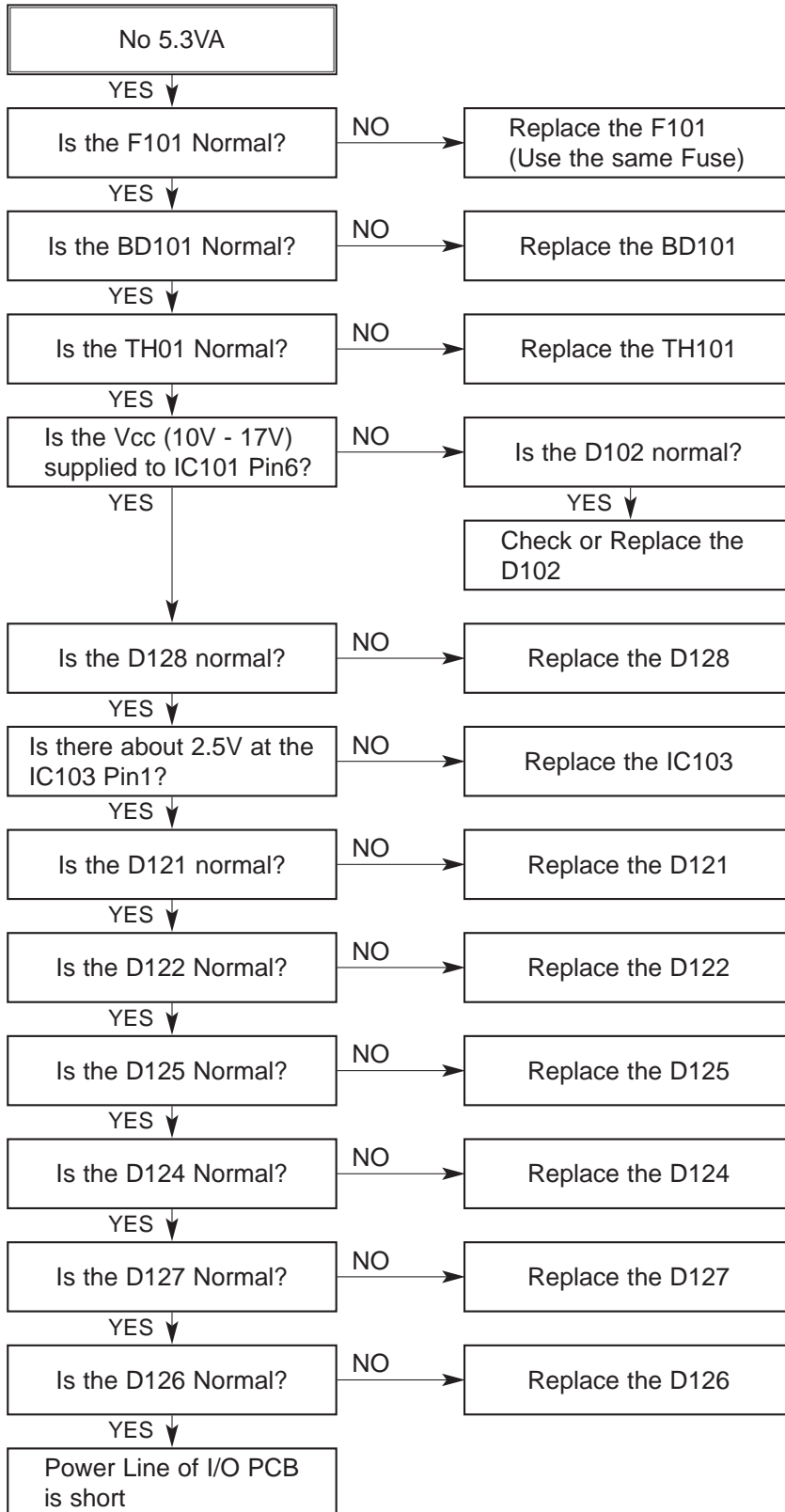
HDR PART

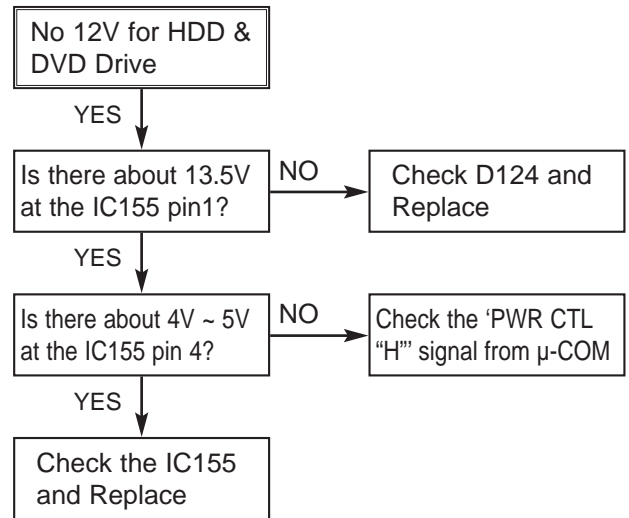
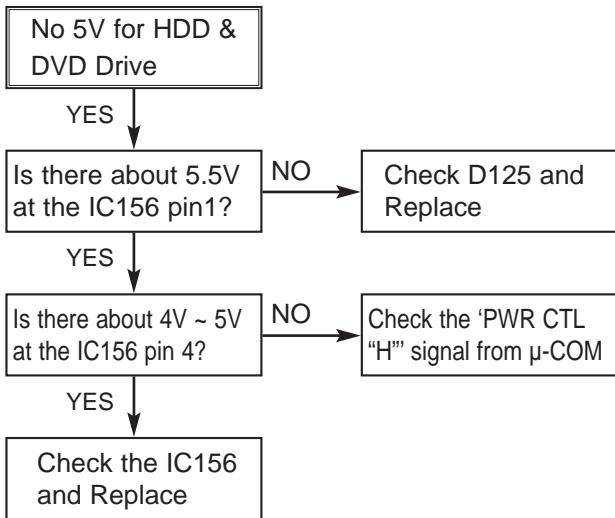
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HDR PART

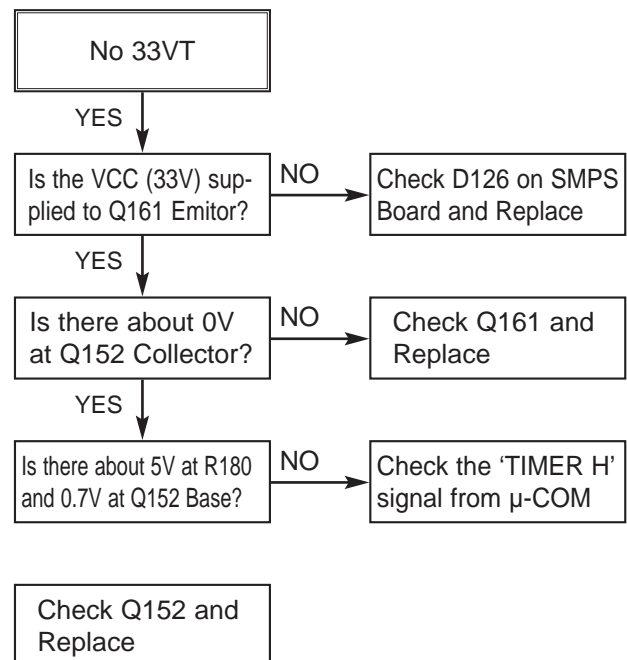
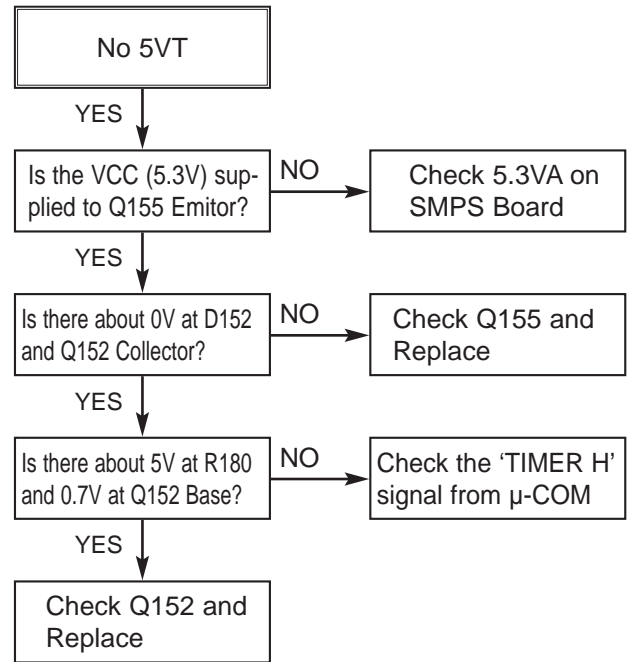
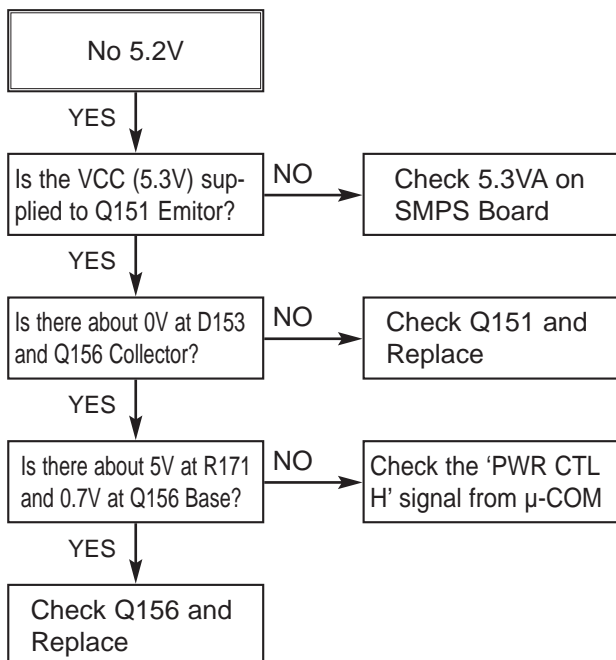
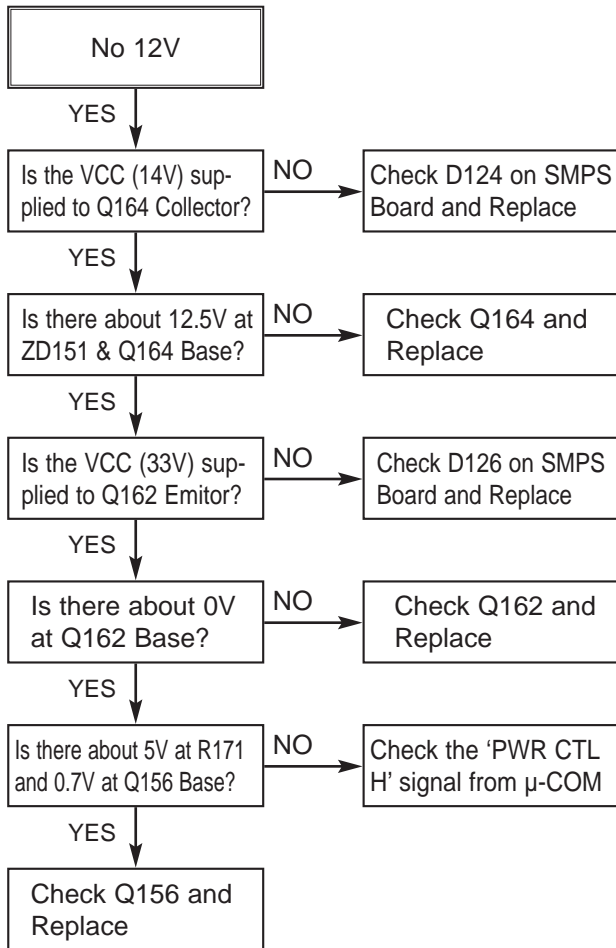
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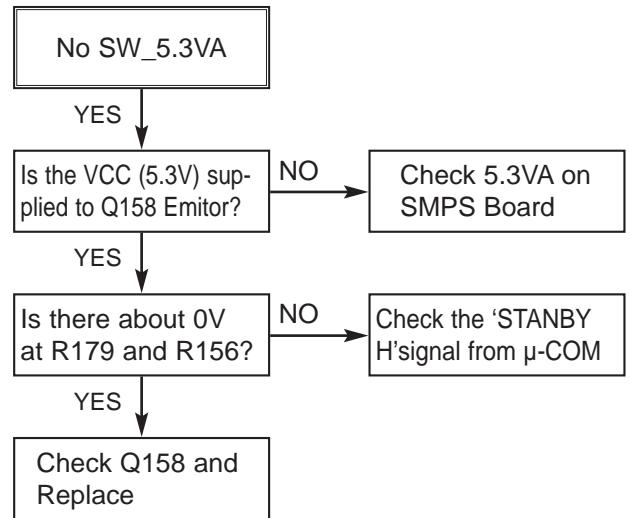
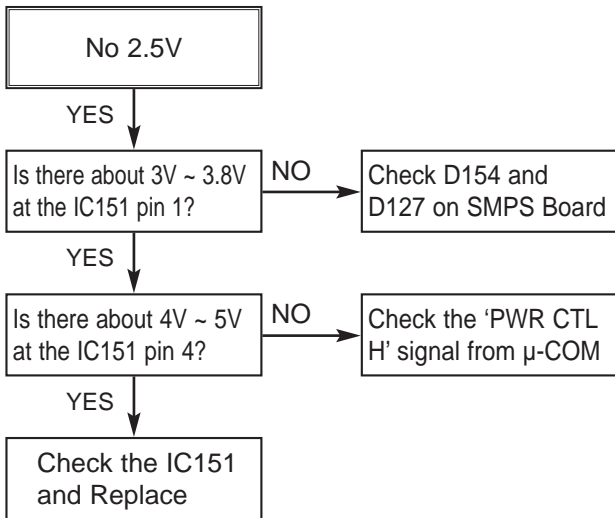
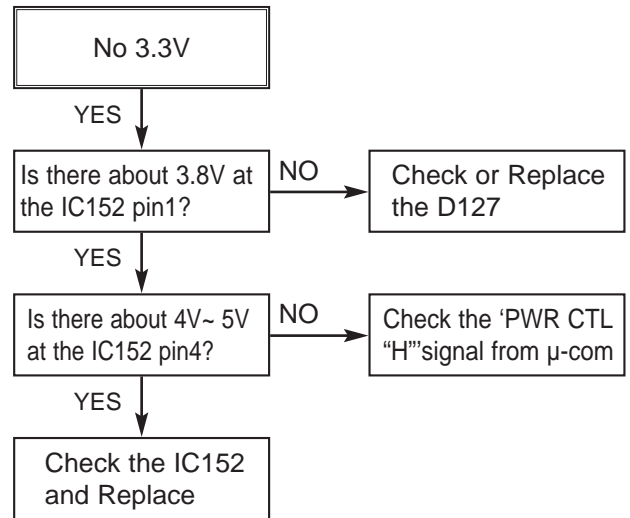
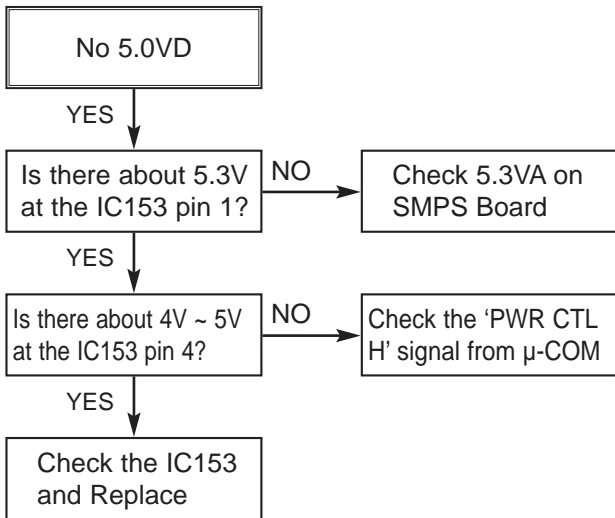
1. POWER SUPPLY ON SMPS BOARD

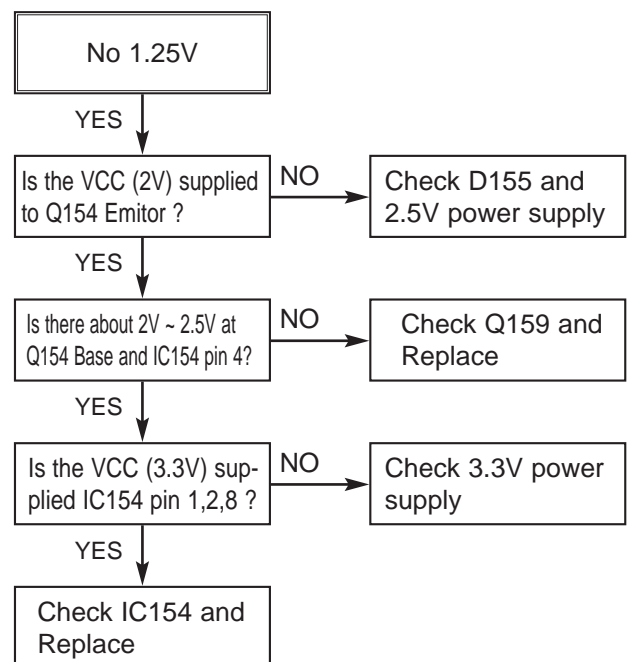
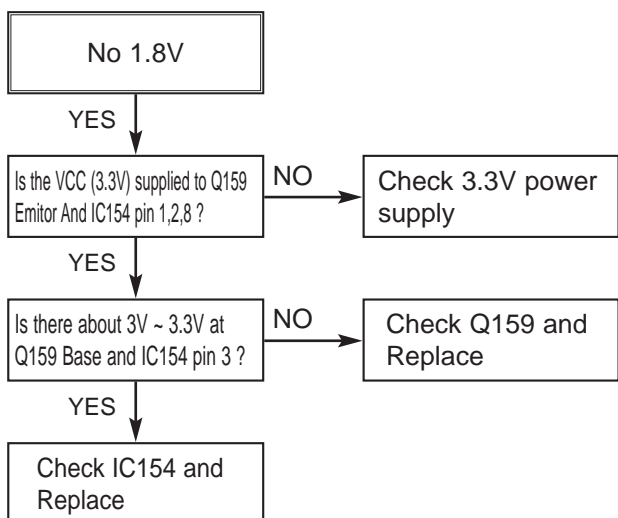
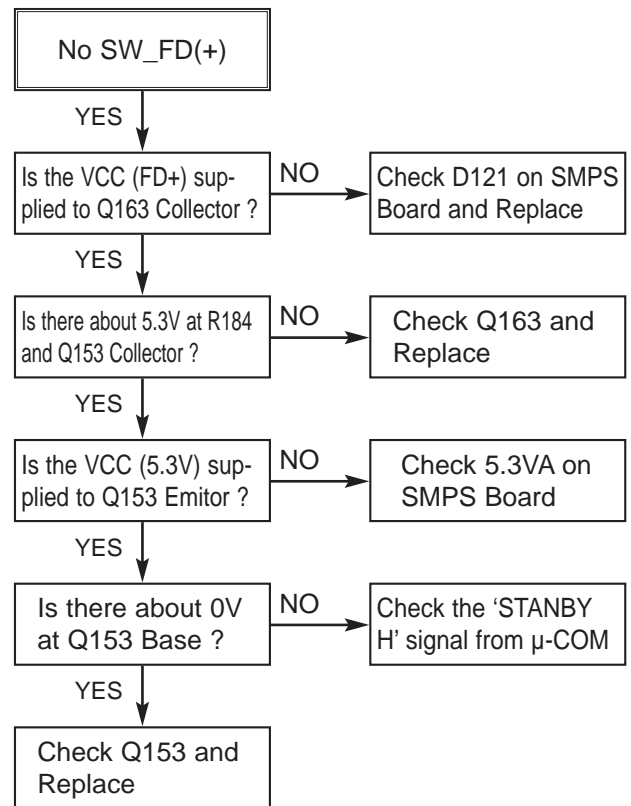
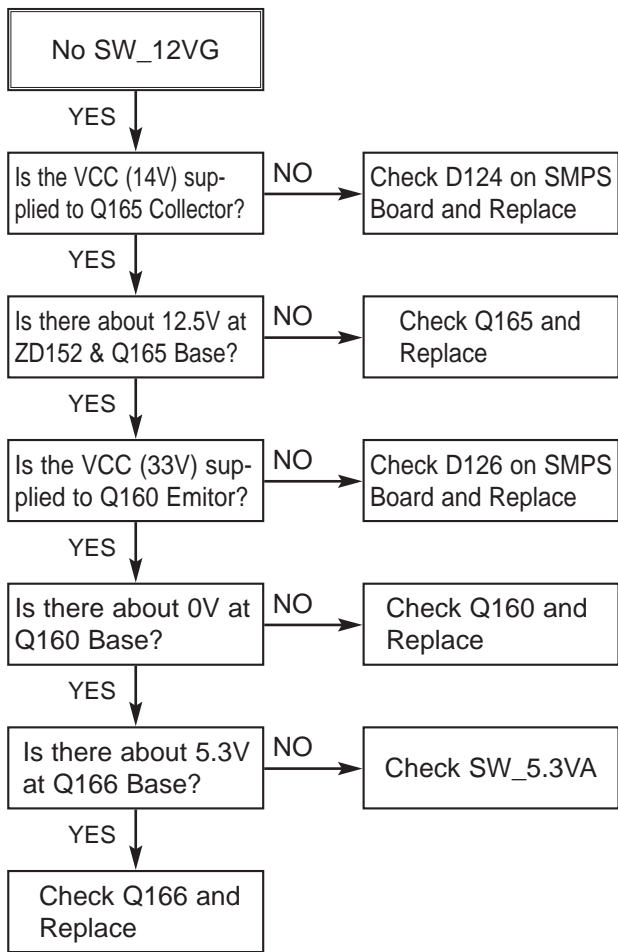




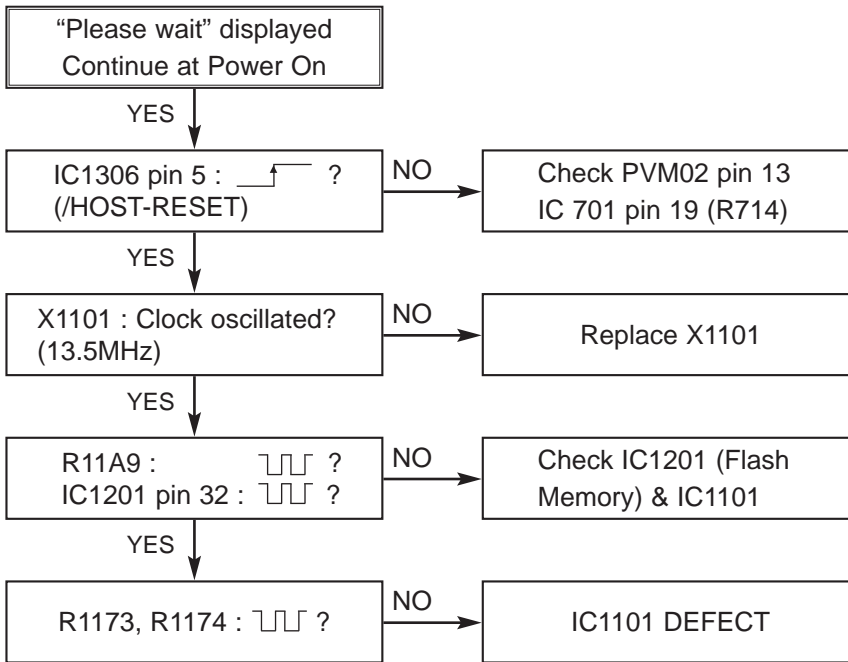
2. POWER SUPPLY ON I/O BOARD



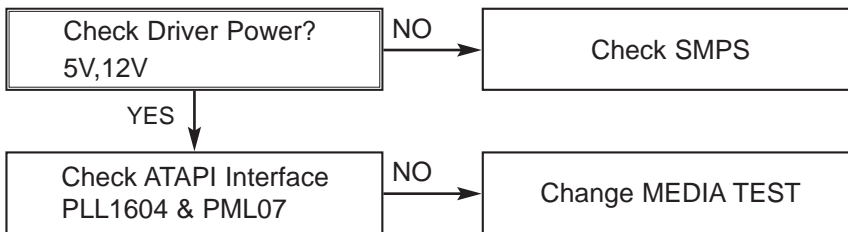




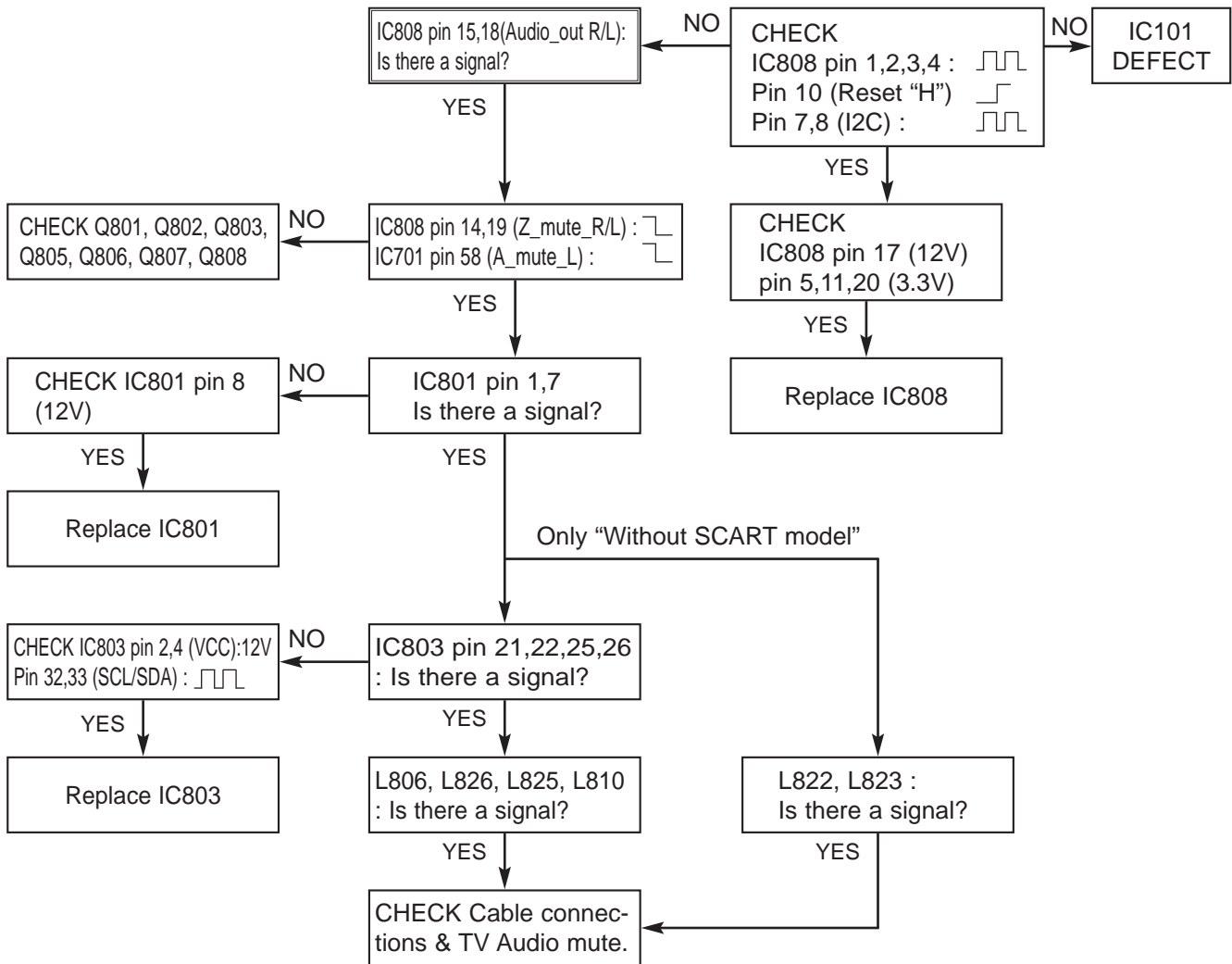
3. SYSTEM CIRCUIT PART



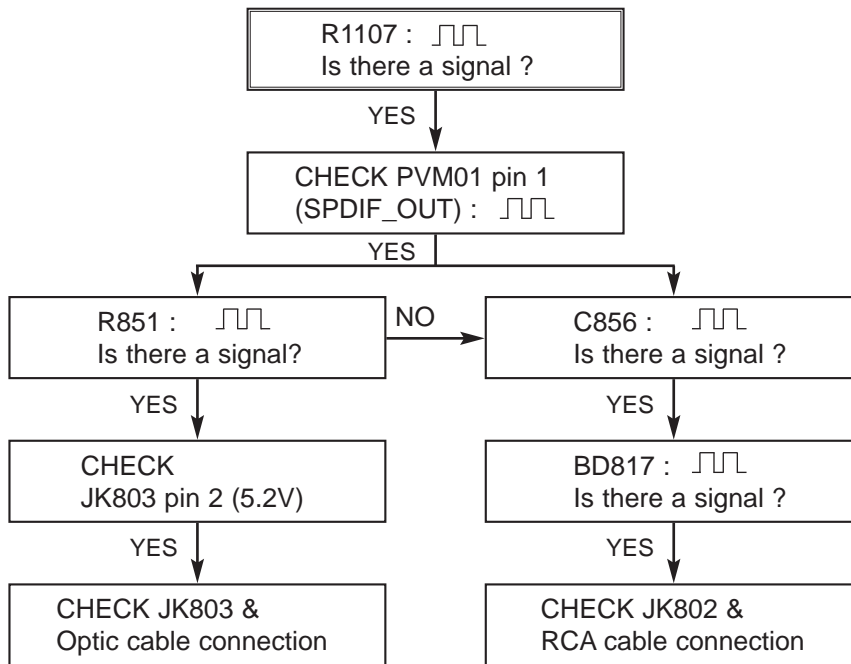
4. DISC NOT RECOGNIZED



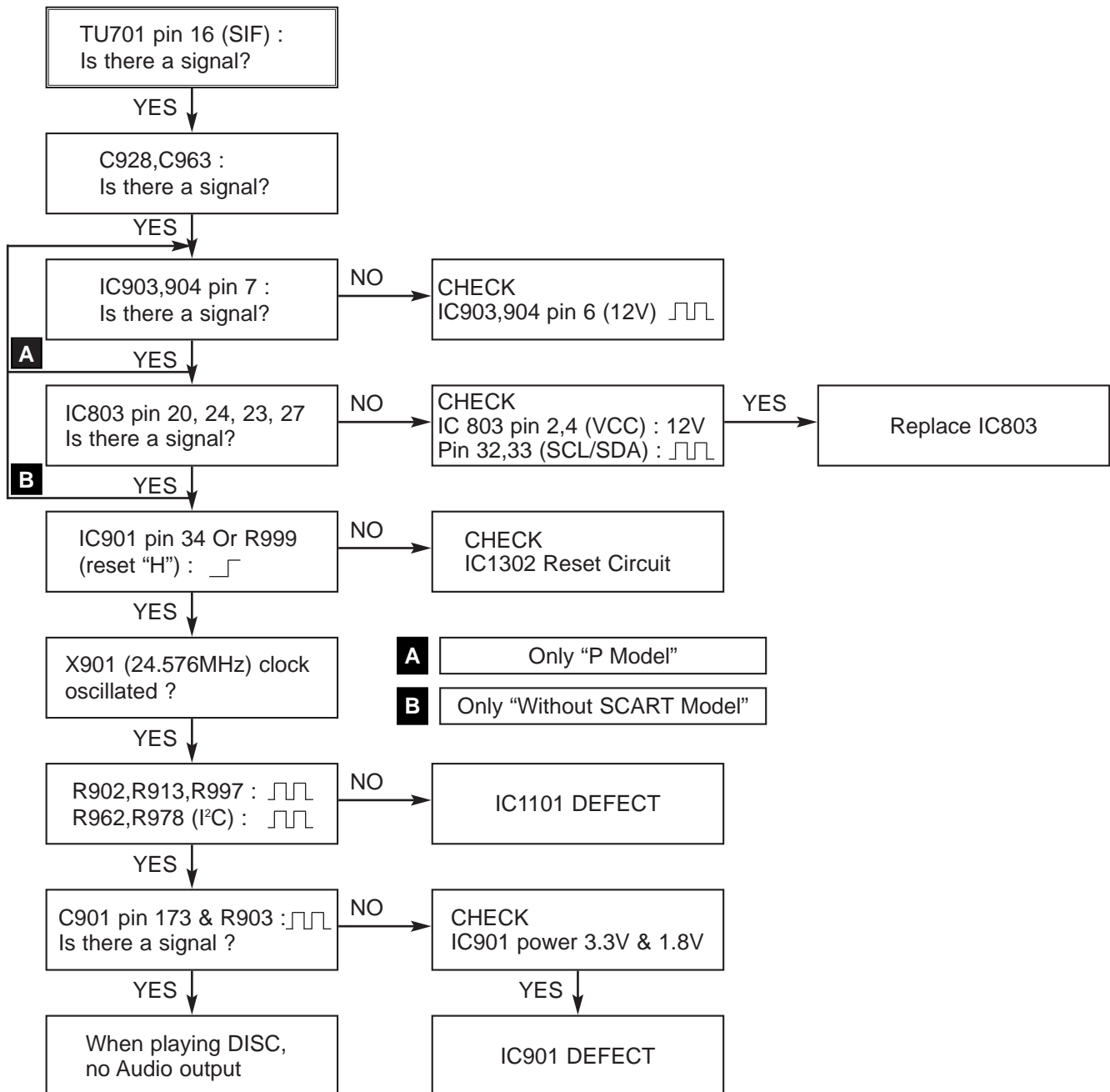
5. WHEN PLAYING DISC, NO AUDIO OUTPUT



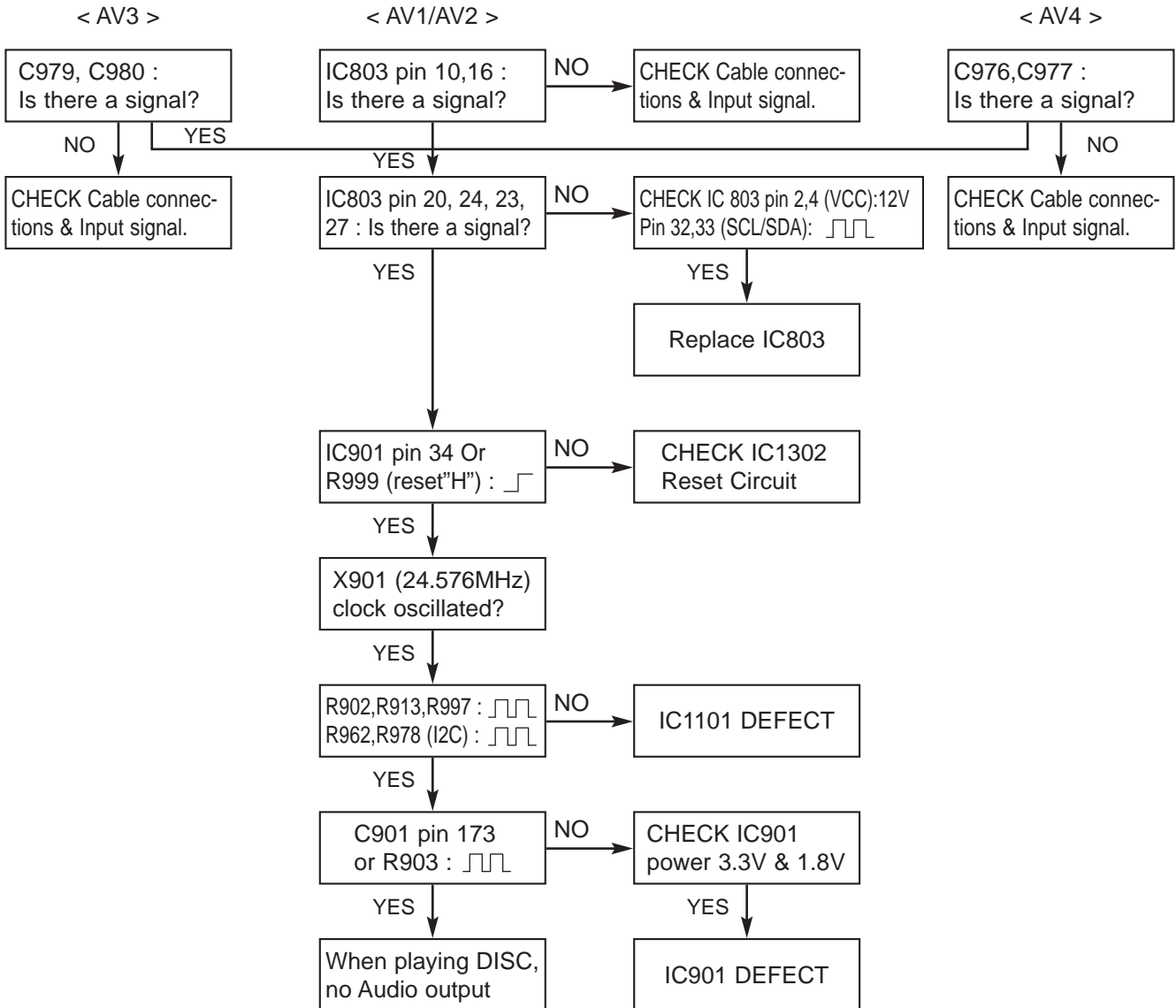
6. NO OPTICAL / DIGITAL OUTPUT



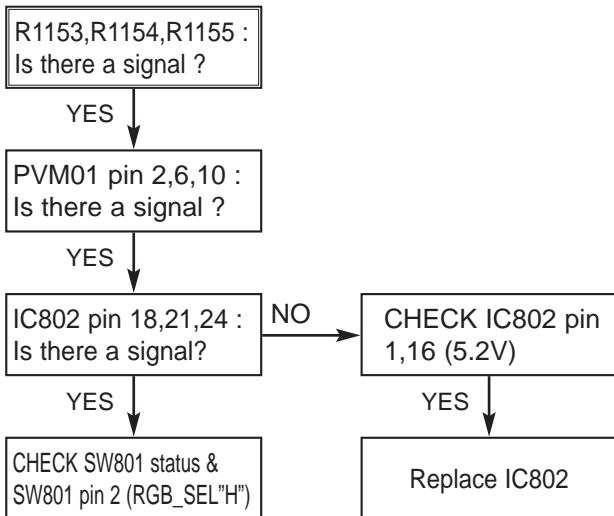
7. NO TUNER AUDIO OUTPUT



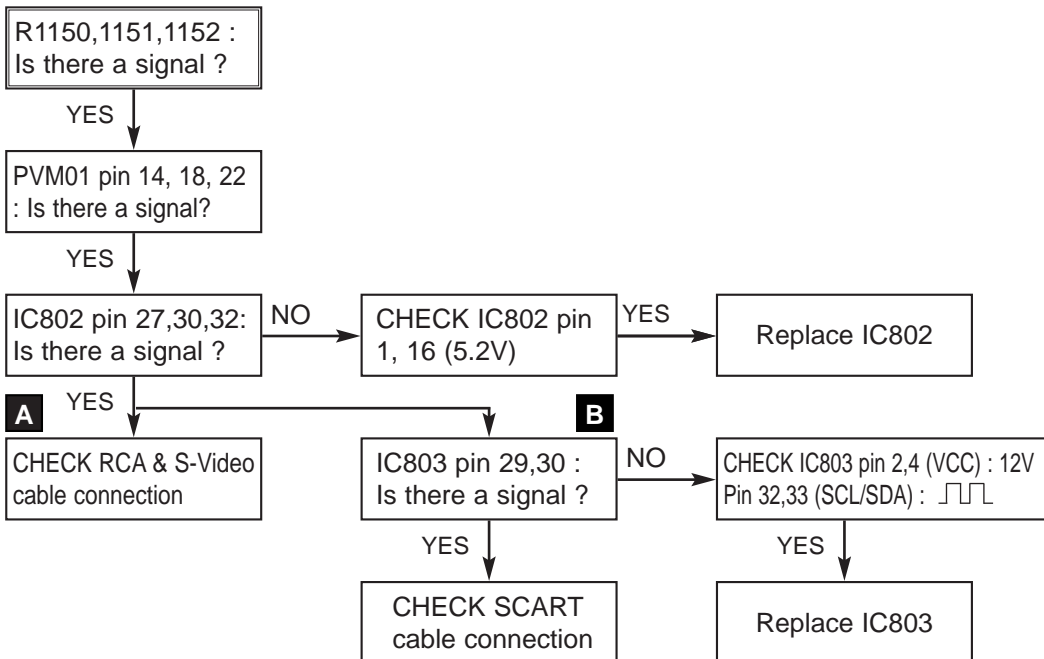
8. NO EXTERNAL INPUT AUDIO



9. NO RGB / COMPONENT VIDEO SIGNAL WHEN PLAY DISC

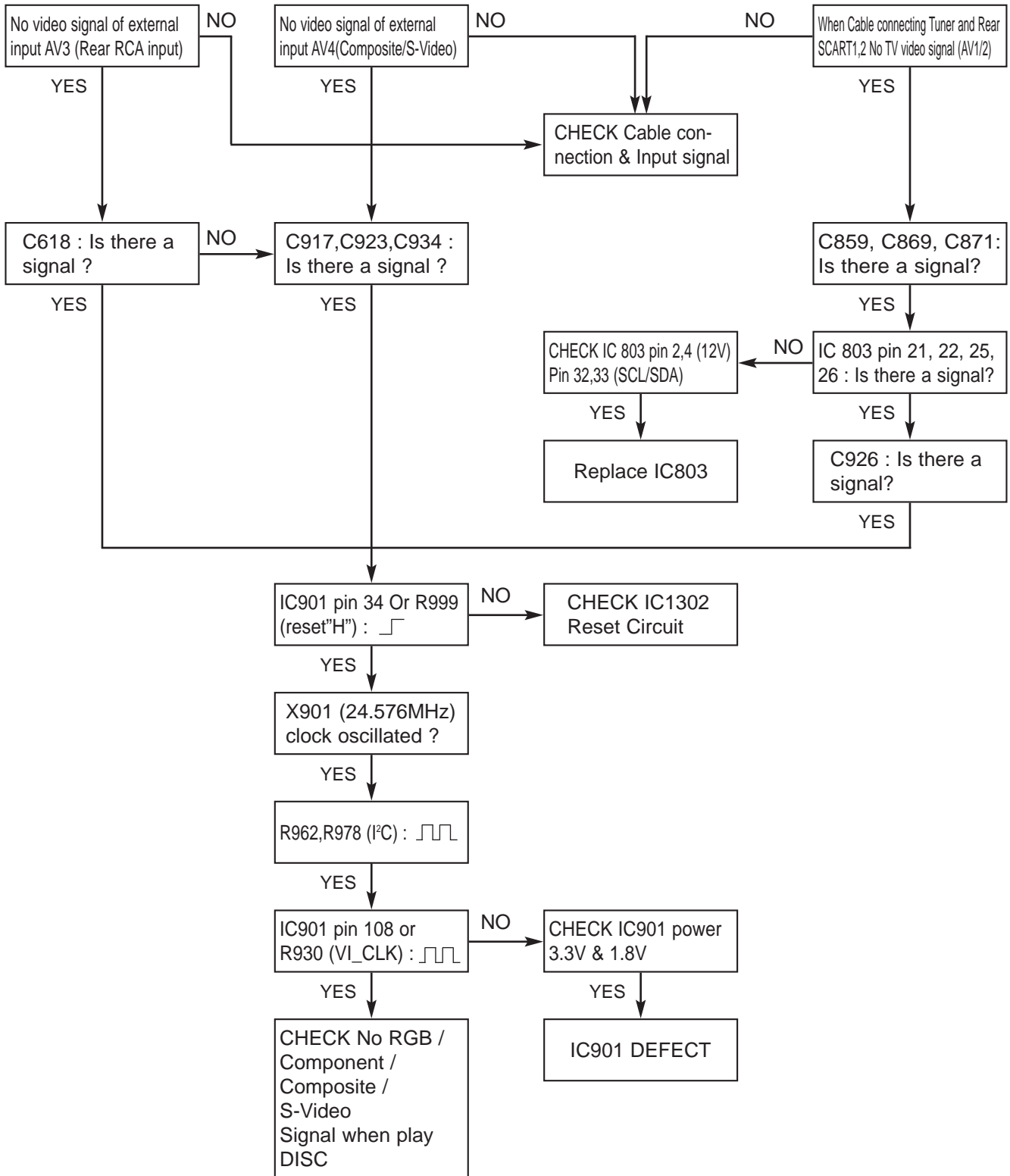


10. NO COMPOSITE / S-VIDEO SIGNAL WHEN PLAY DISC

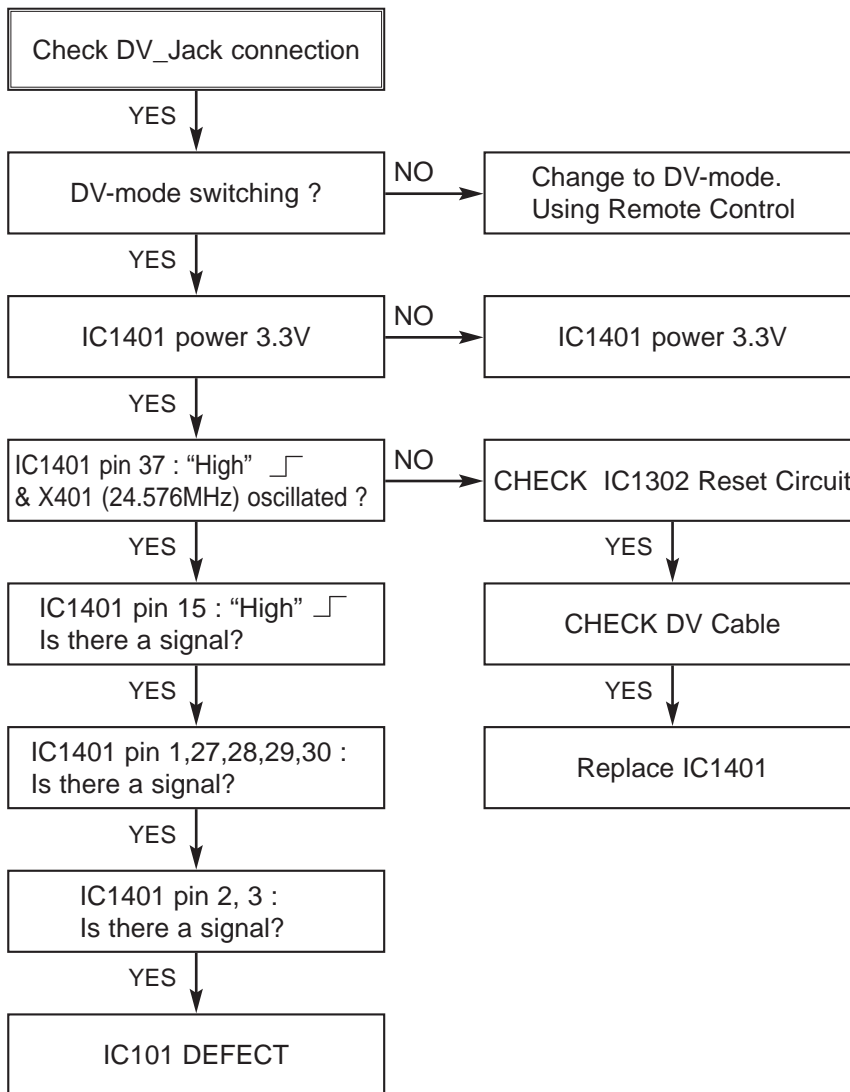


- A** S-Video & RCA
- B** SCART

11. NO TV, EXTERNAL INPUT VIDEO SIGNAL



12. NO DV(IEEE 1394) INPUT (VIDEO/AUDIO) SIGNAL

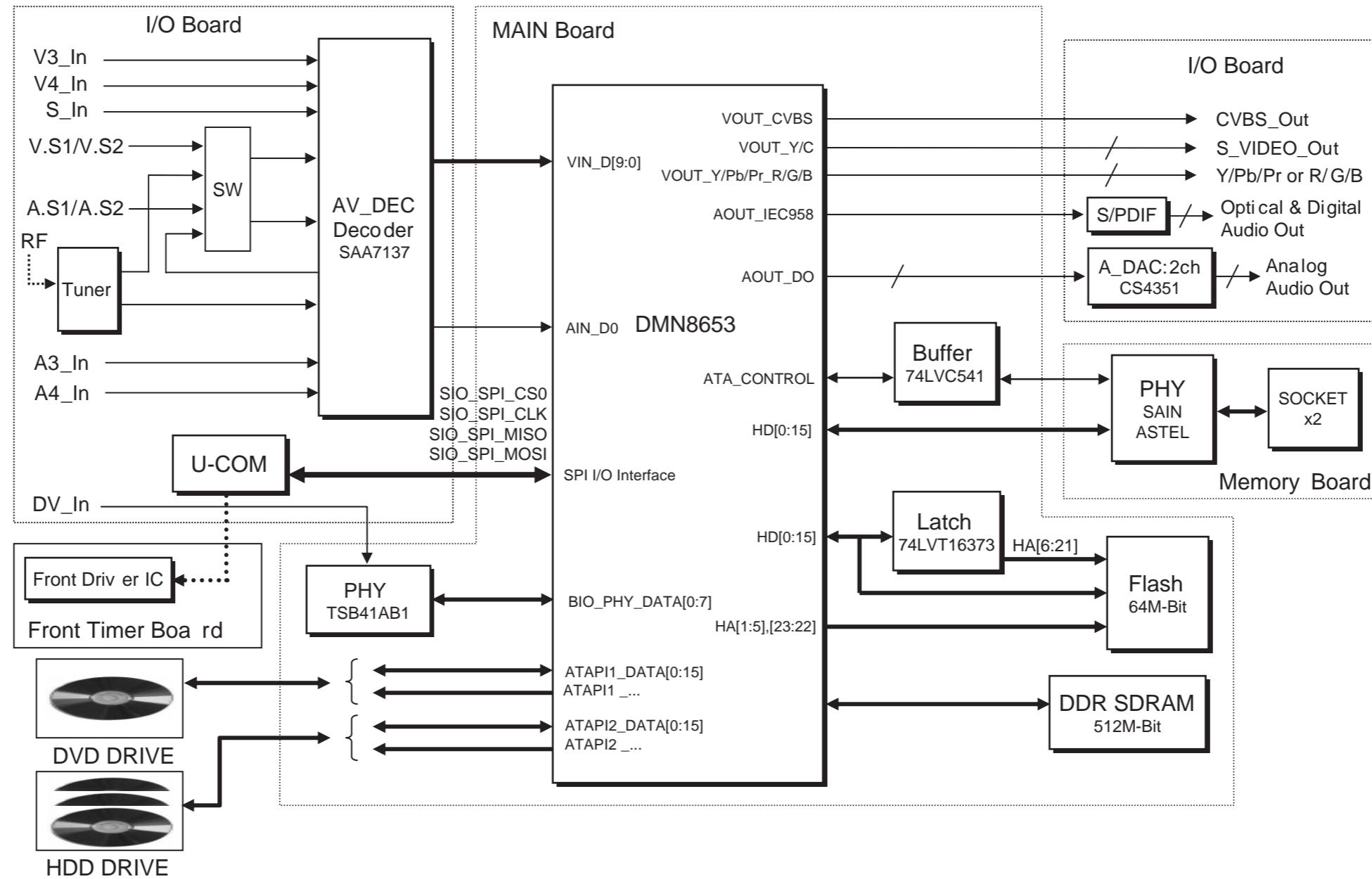


MEMO

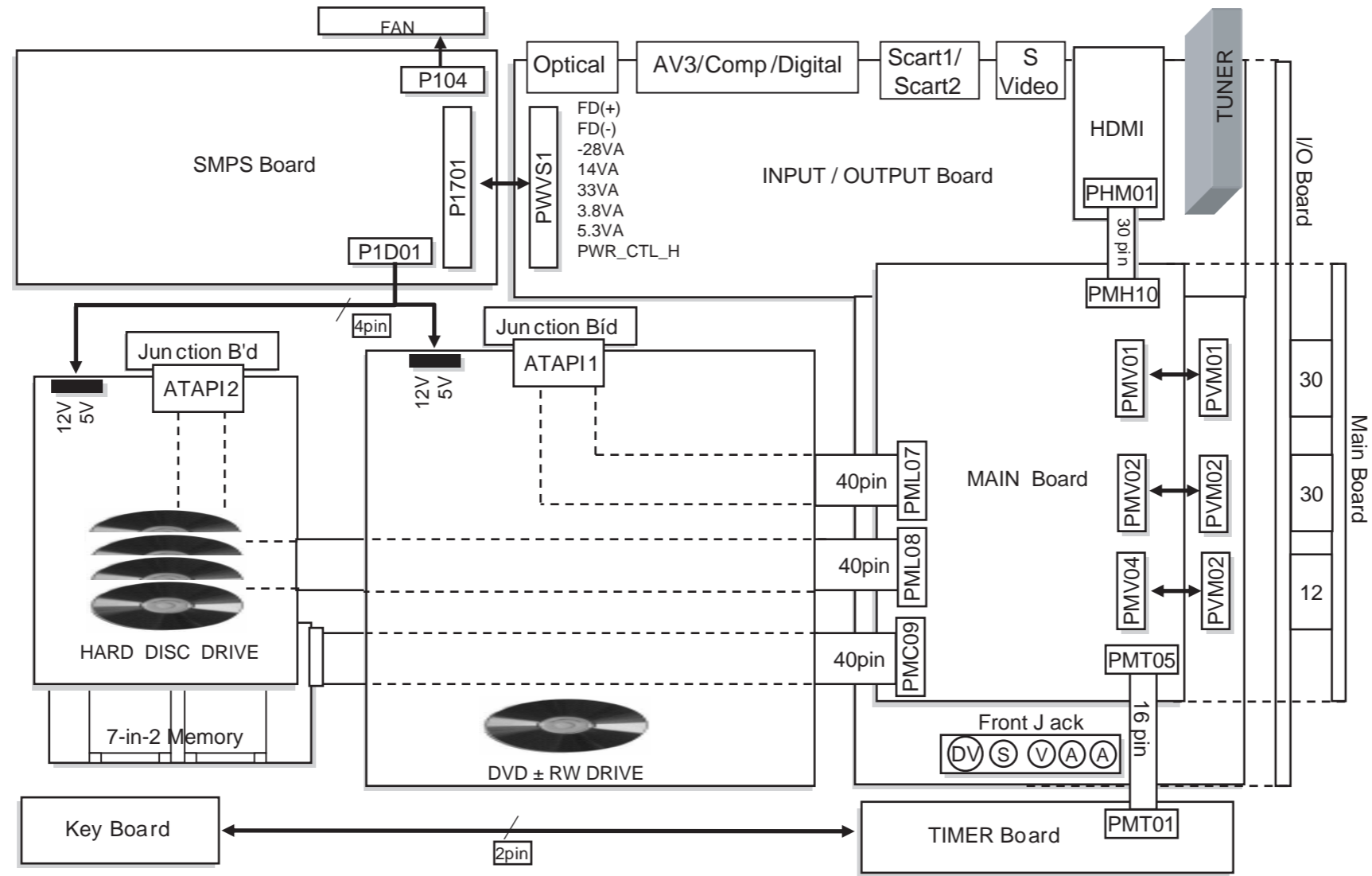
A series of horizontal dotted lines for writing.

BLOCK DIAGRAMS

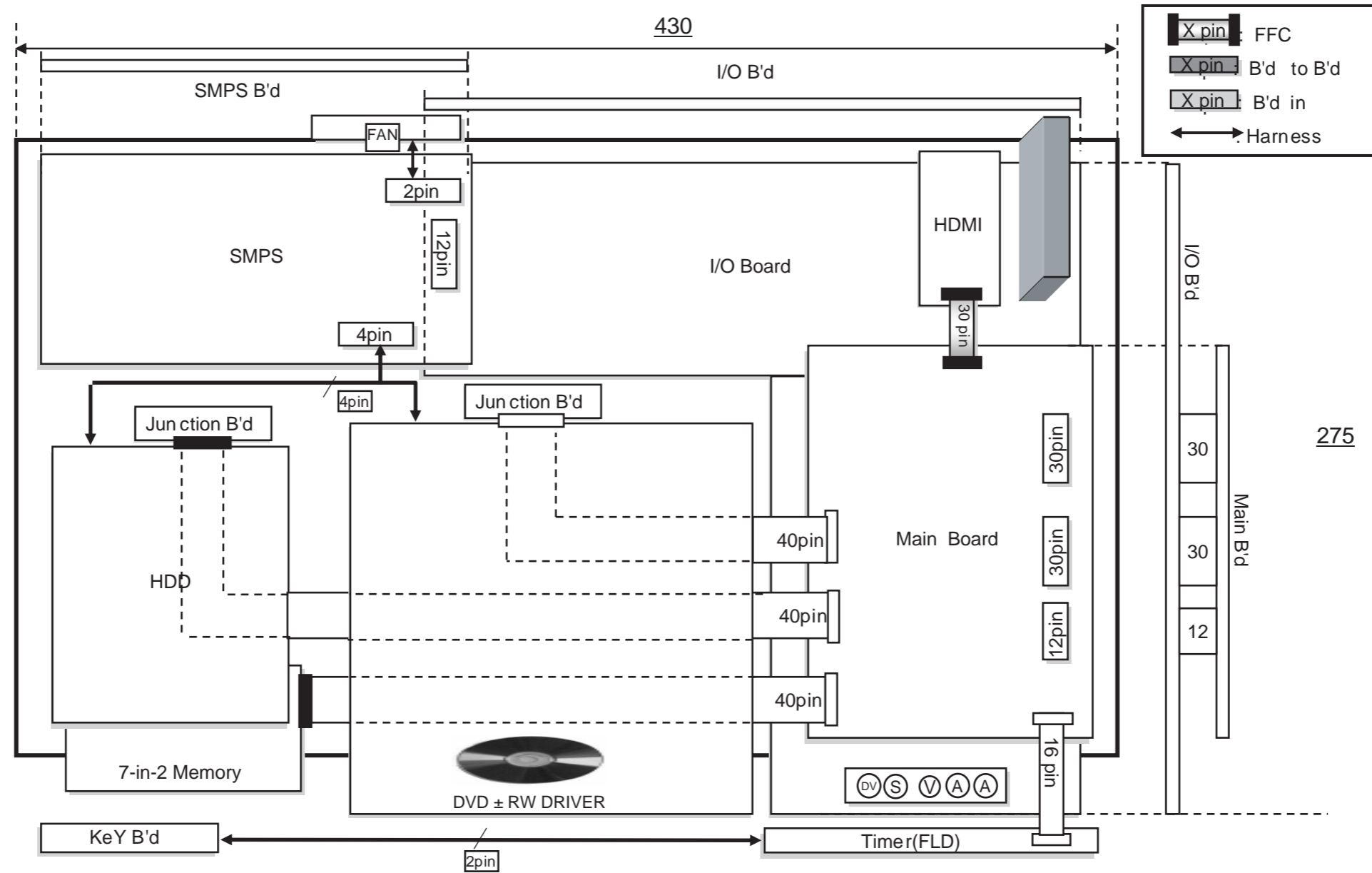
1. OVERALL BLOCK DIAGRAM



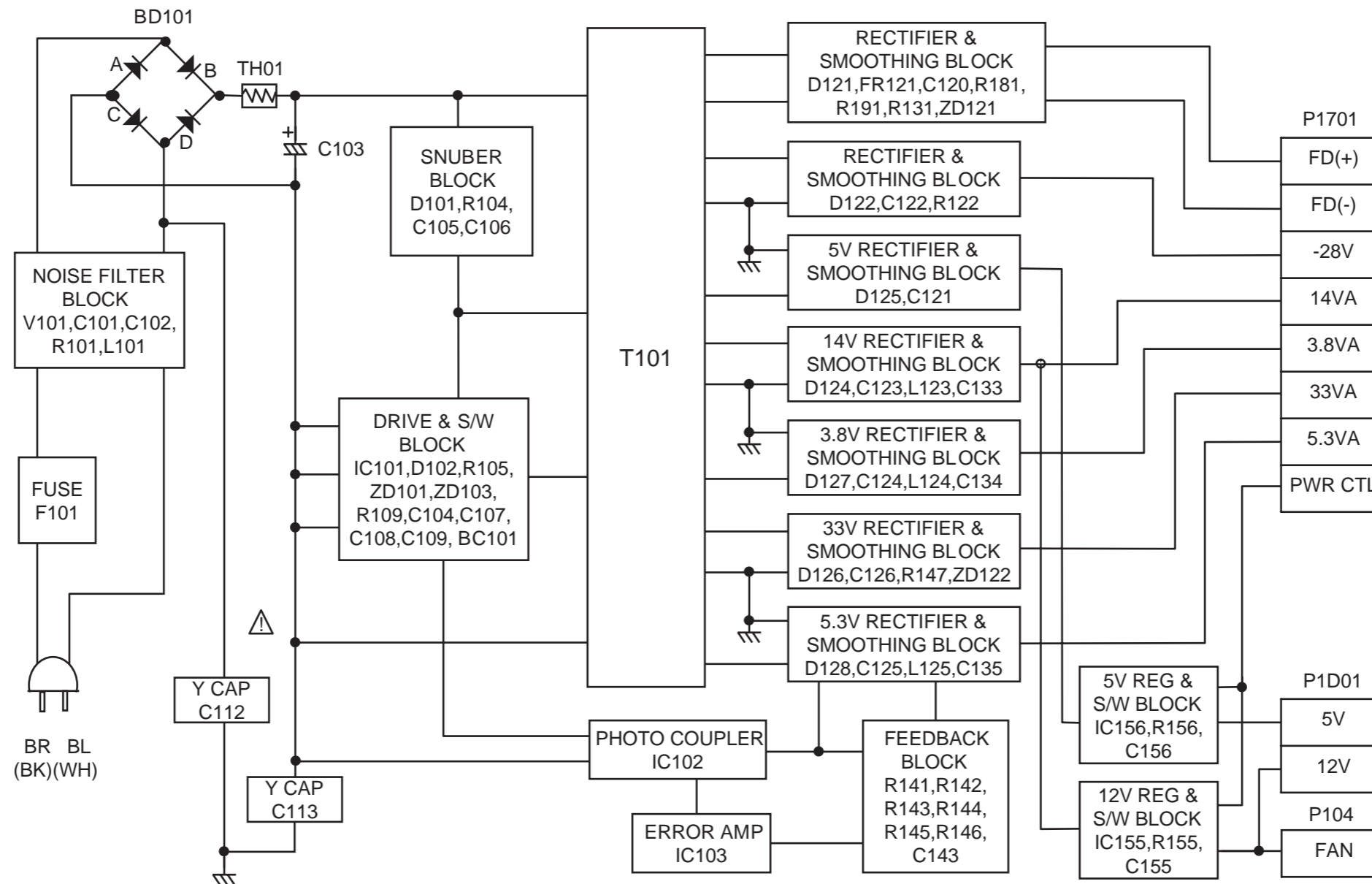
2. LAYOUT CONNECTION BLOCK DIAGRAM_1



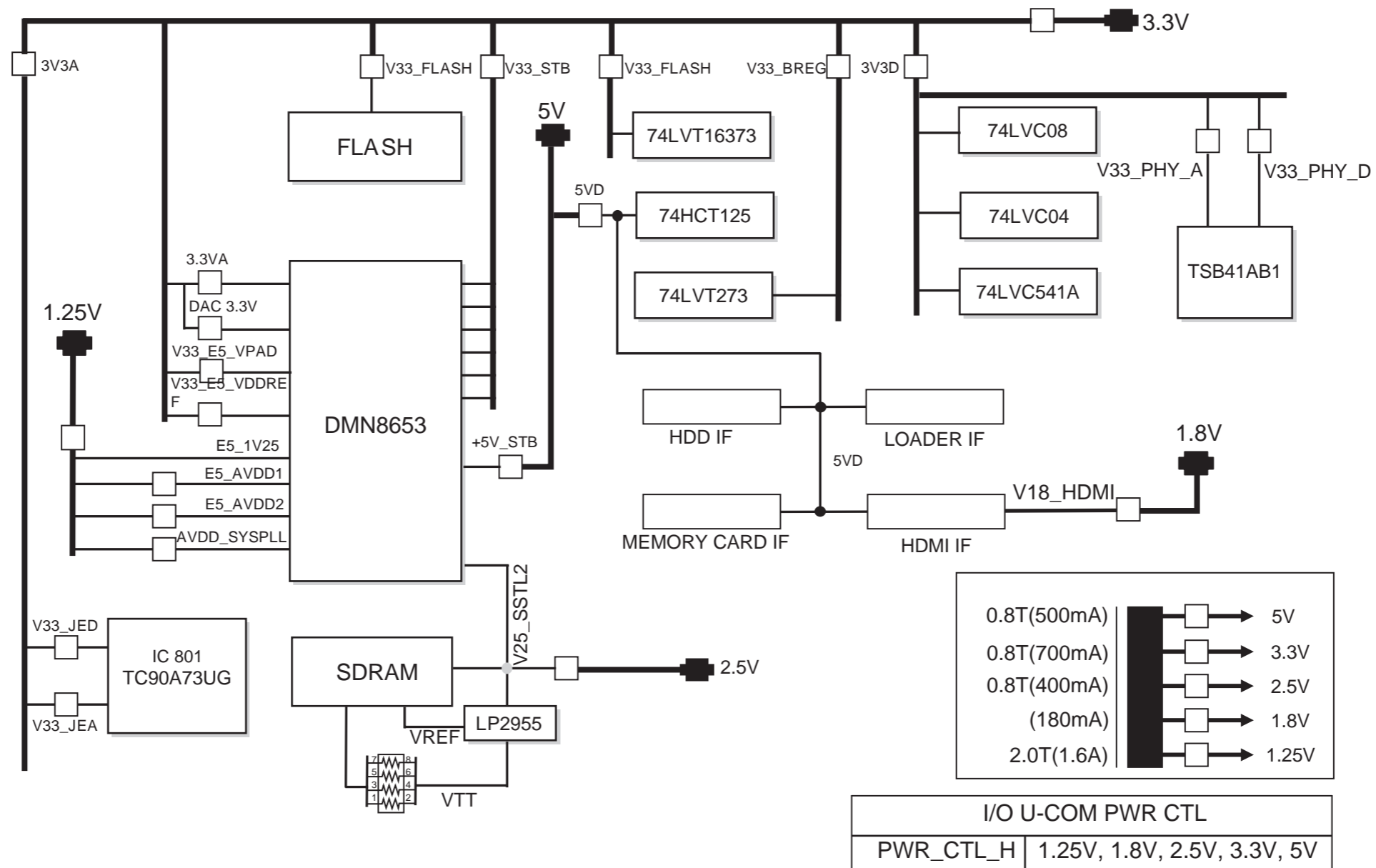
3. LAYOUT CONNECTION BLOCK DIAGRAM_2



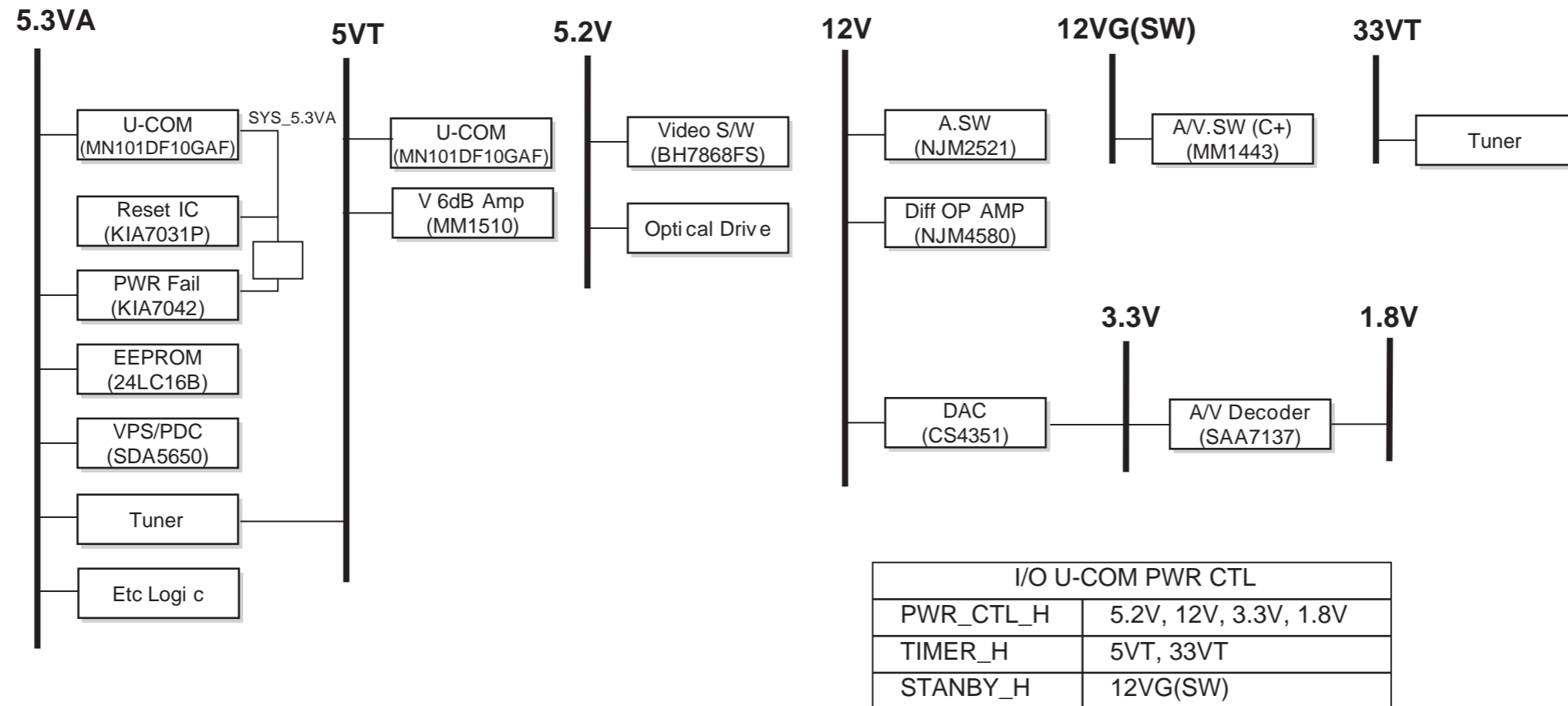
4. SMPS Block Diagram



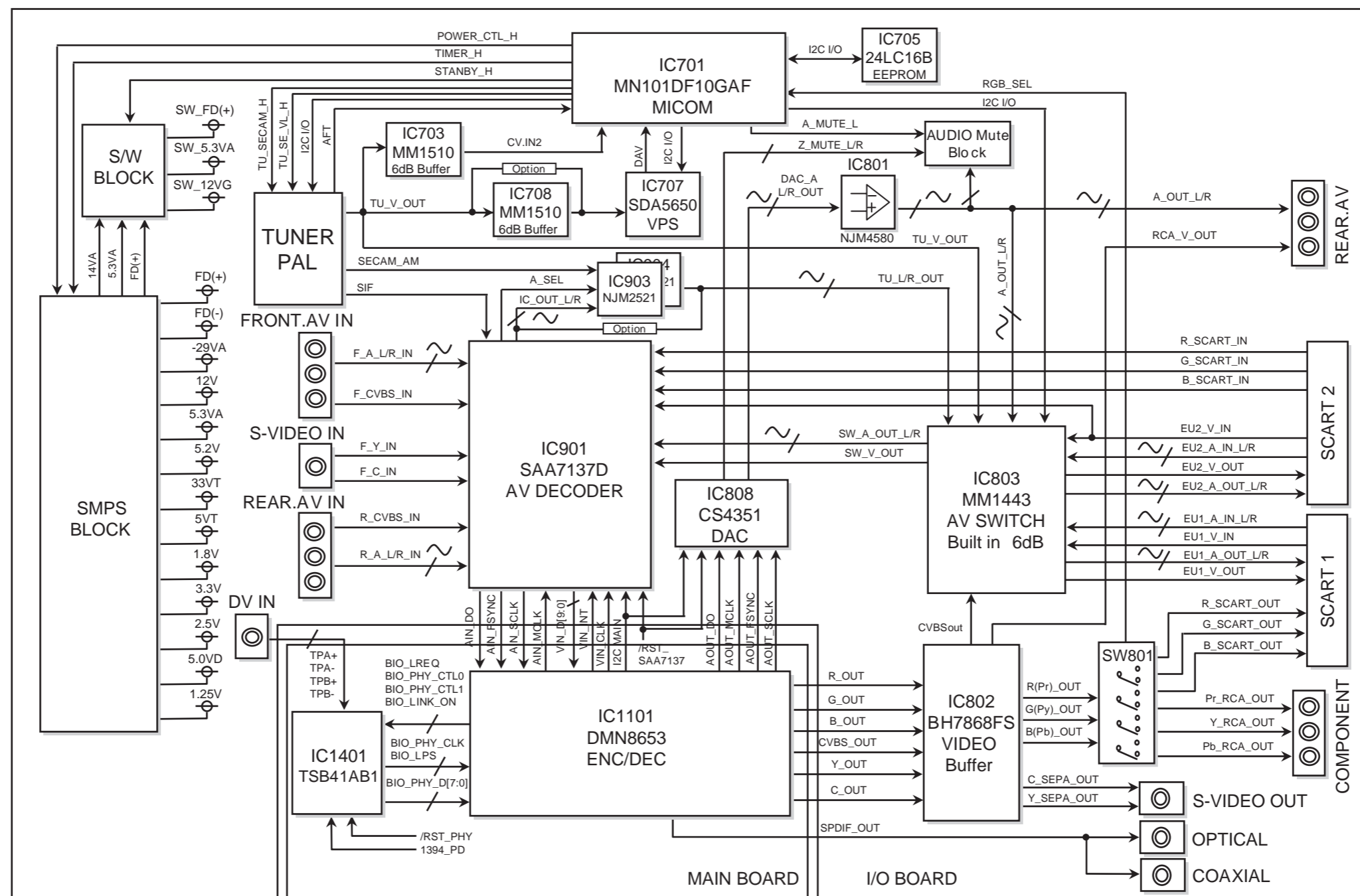
5. Power : Main Board Block Diagram



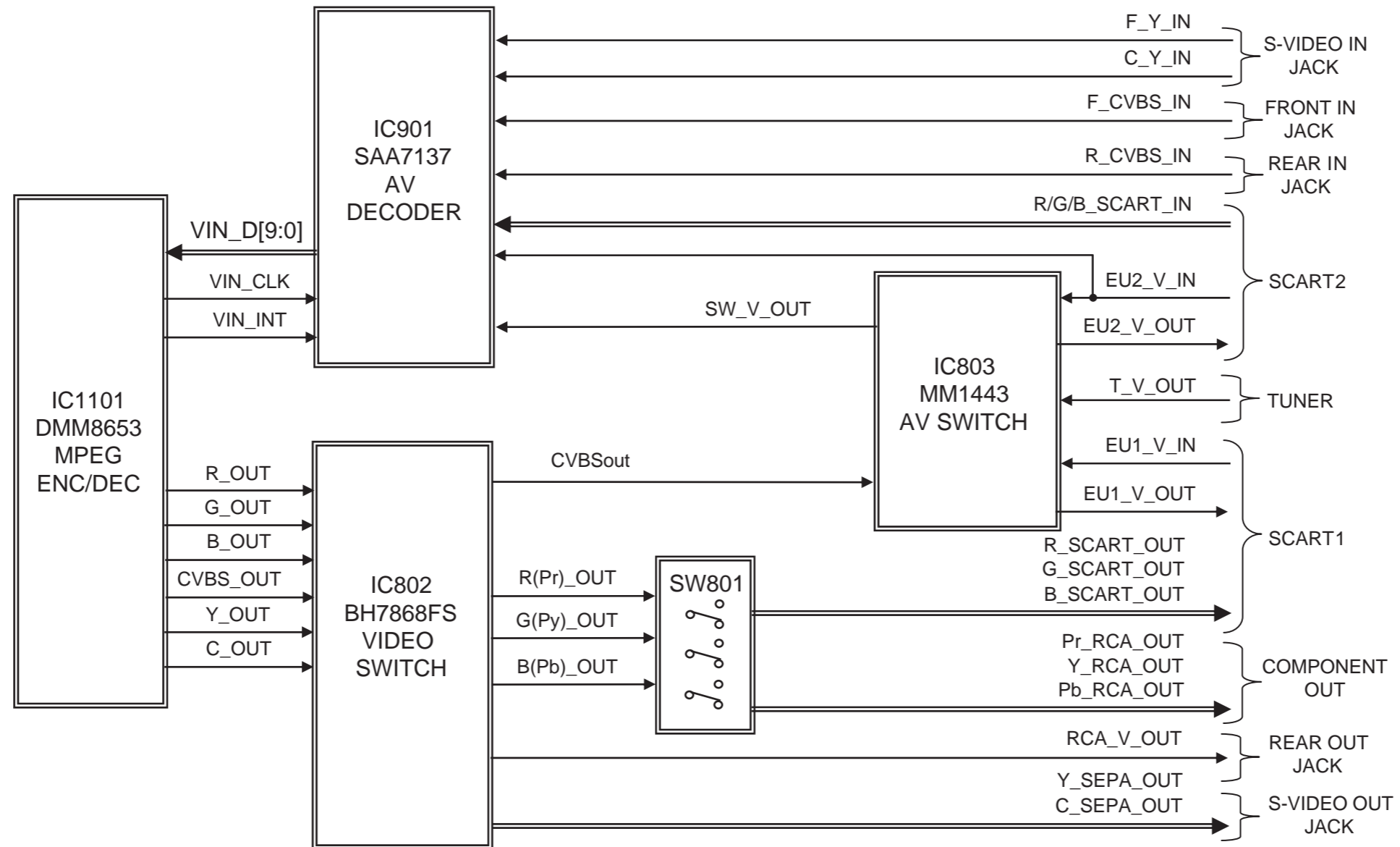
6. Power : I/O Board Block Diagram



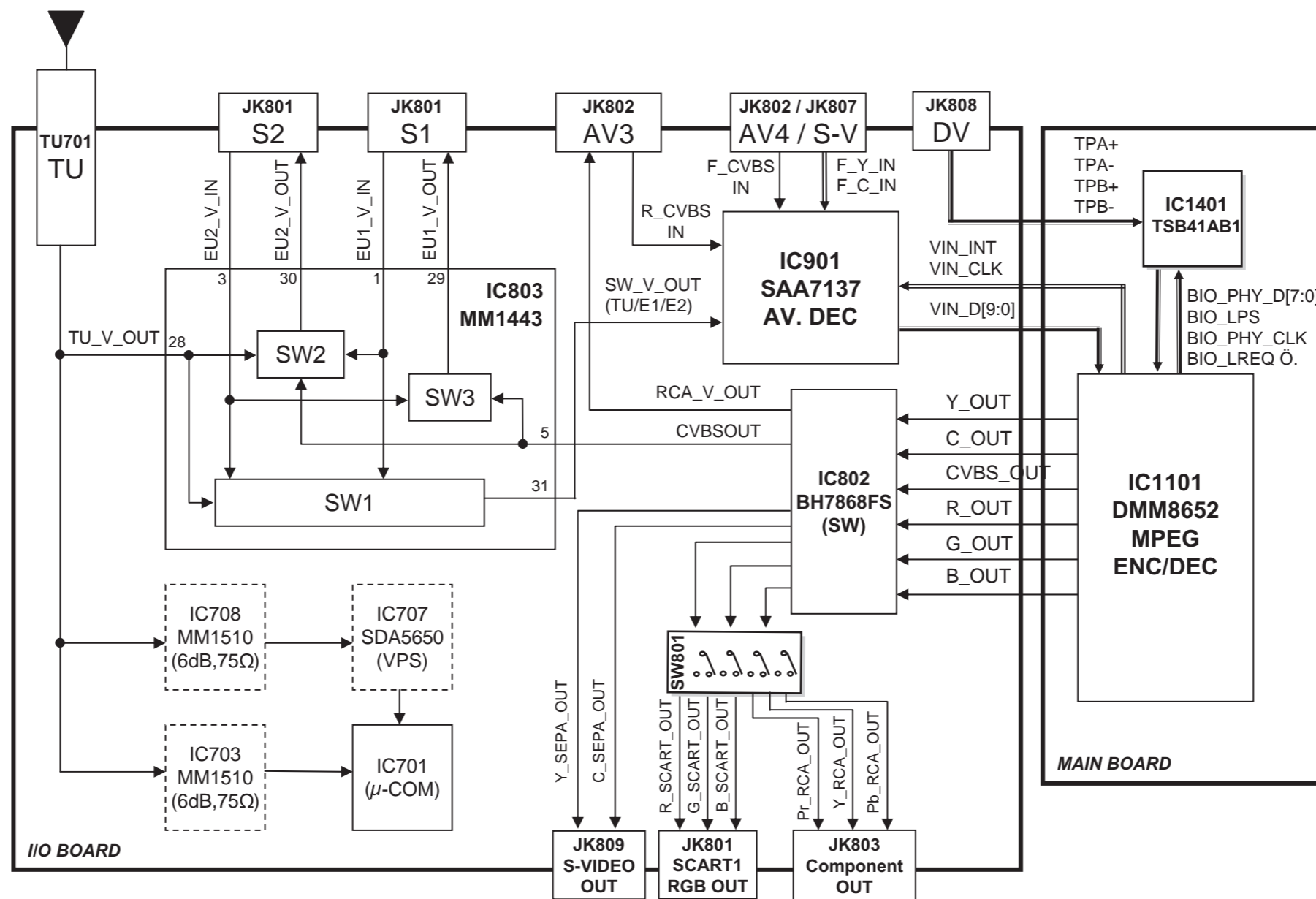
7. IN/OUT BLOCK DIAGRAM (SCART MODEL ONLY)



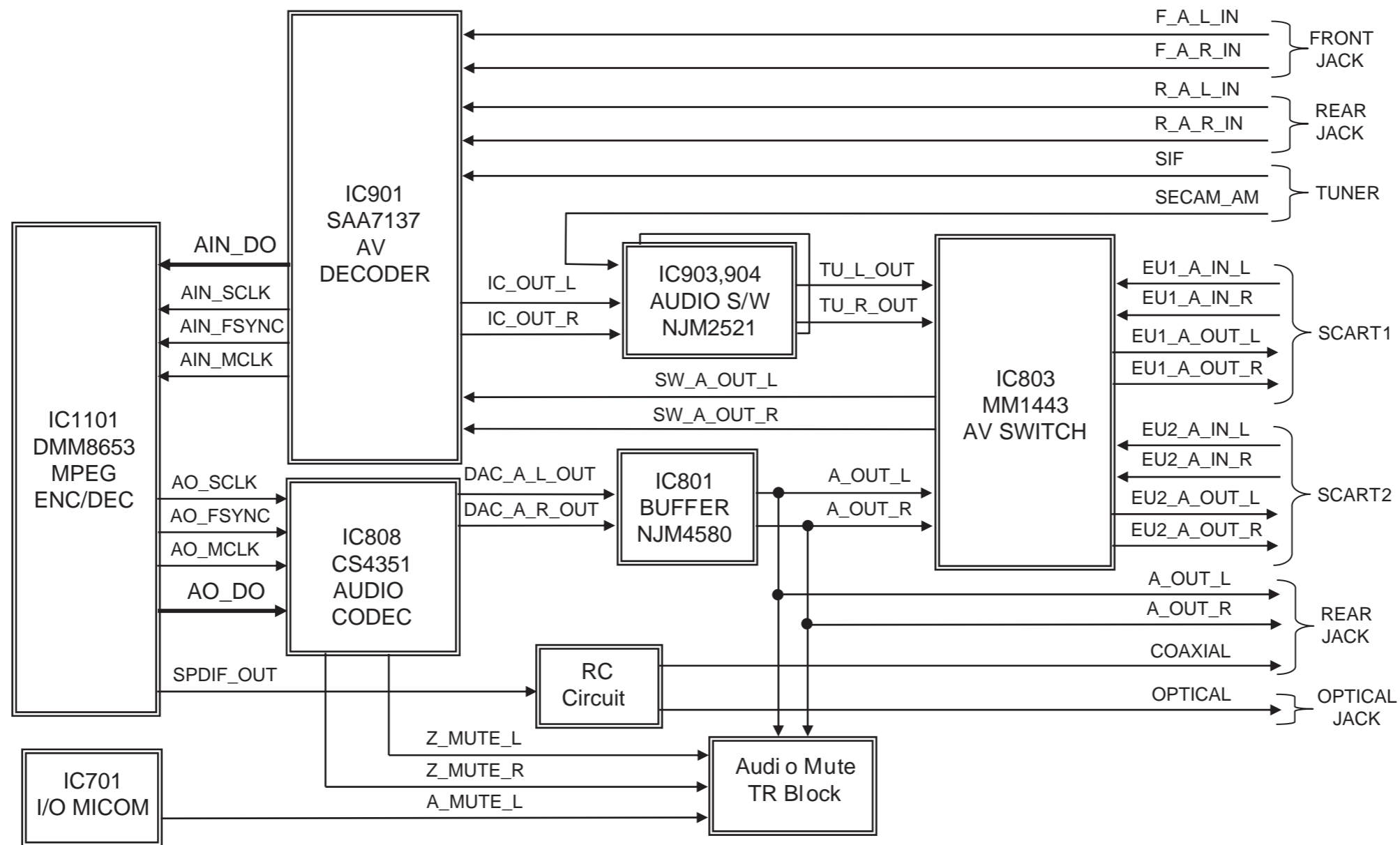
8. VIDEO BLOCK DIAGRAM



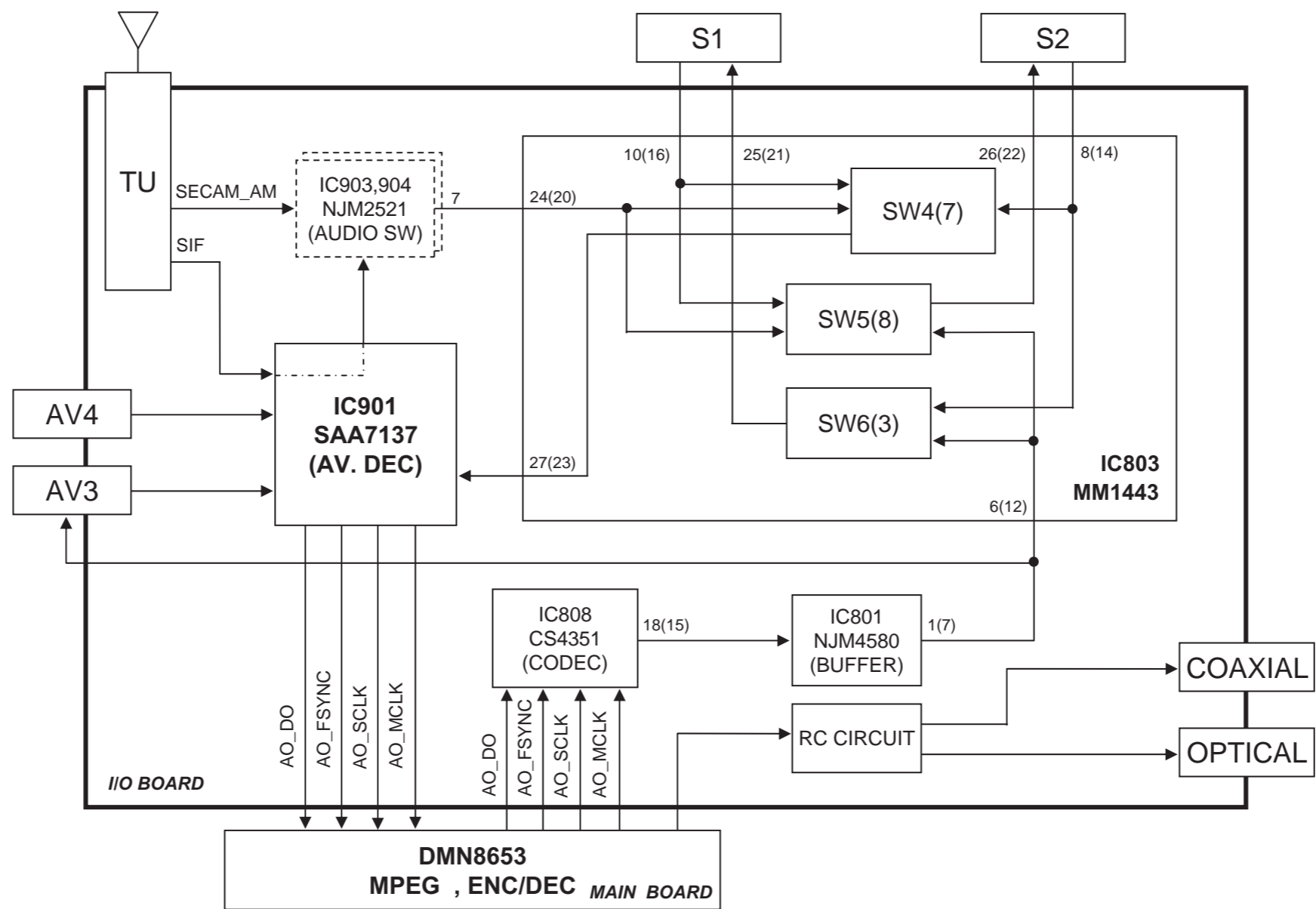
9. VIDEO SW PATH BLOCK DIAGRAM



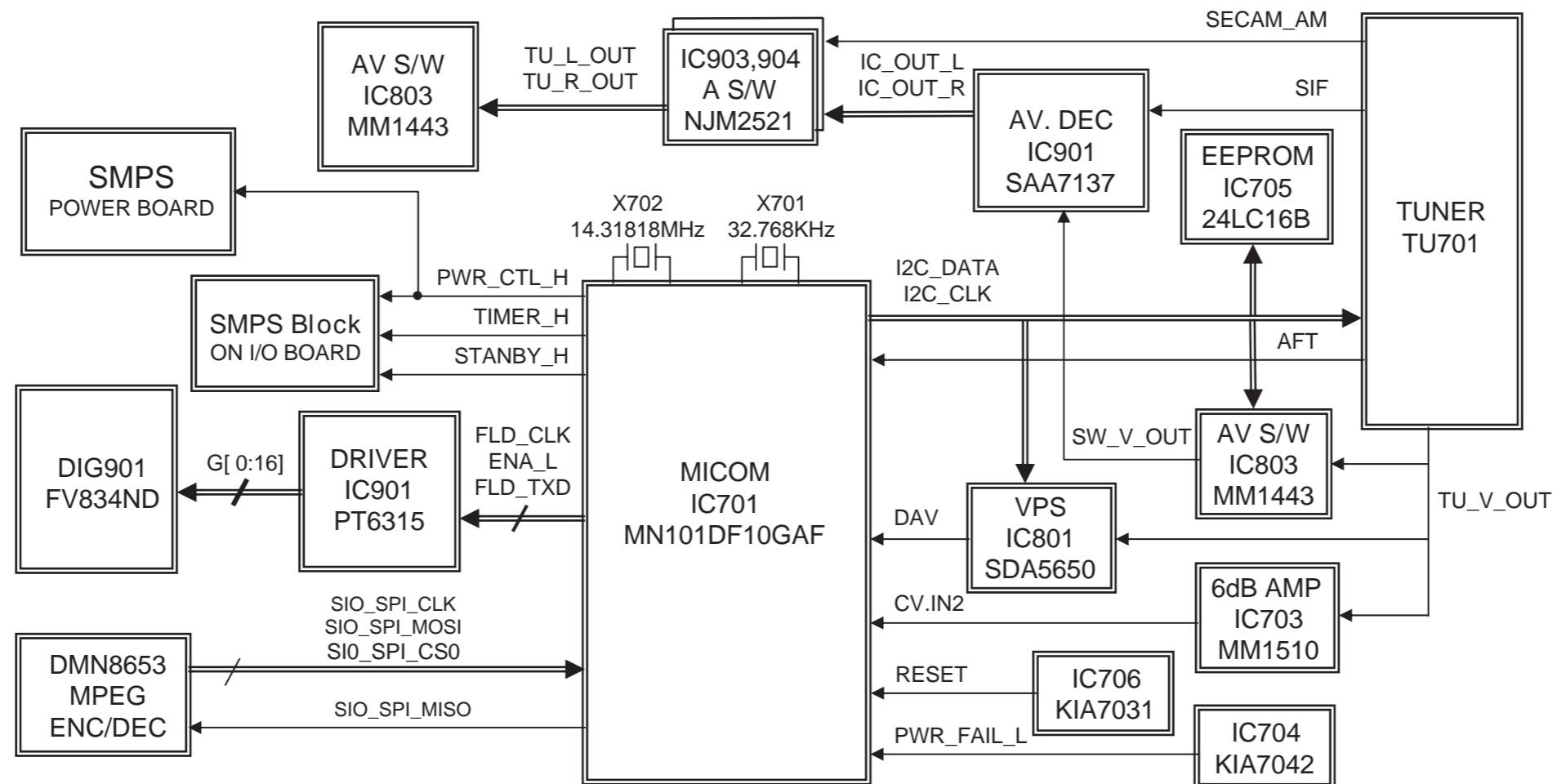
10. AUDIO BLOCK DIAGRAM



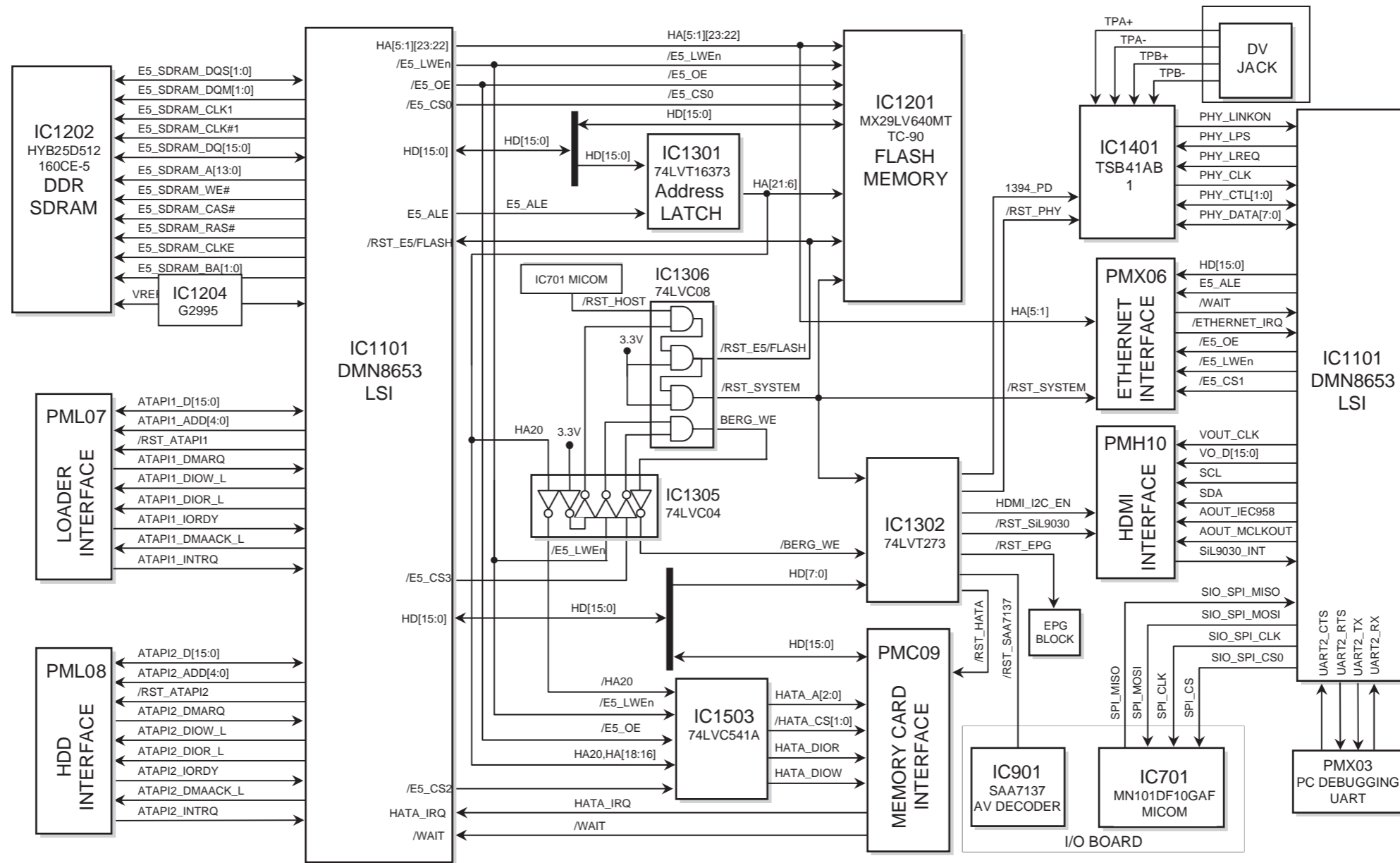
11. AUDIO S/W PATH BLOCK DIAGRAM



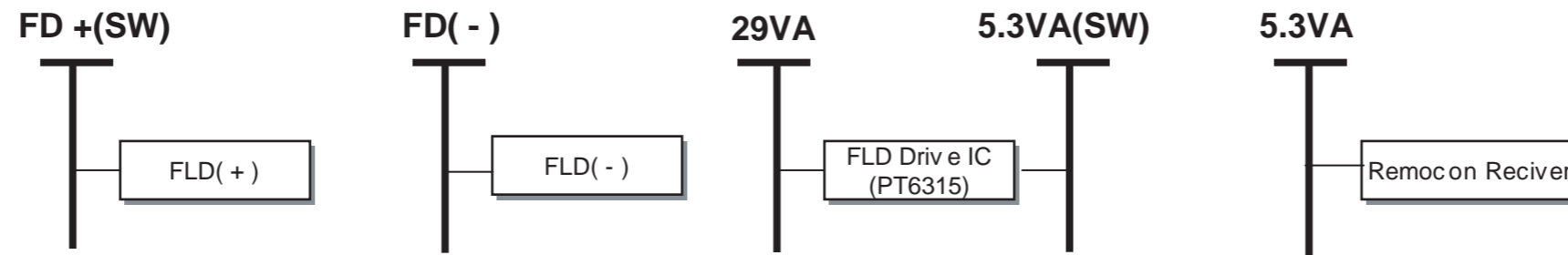
12. FLD / μ -COM / TUNER BLOCK DIAGRAM



13. MAIN BLOCK DIAGRAM (SCART MODEL ONLY)



14. TIMER BLOCK DIAGRAM



I/O U-COM PWR CTL	
STANBY_H	5.3VA(SW), FD+(SW)

CIRCUIT DIAGRAMS

1. SMPS 1 CIRCUIT DIAGRAM

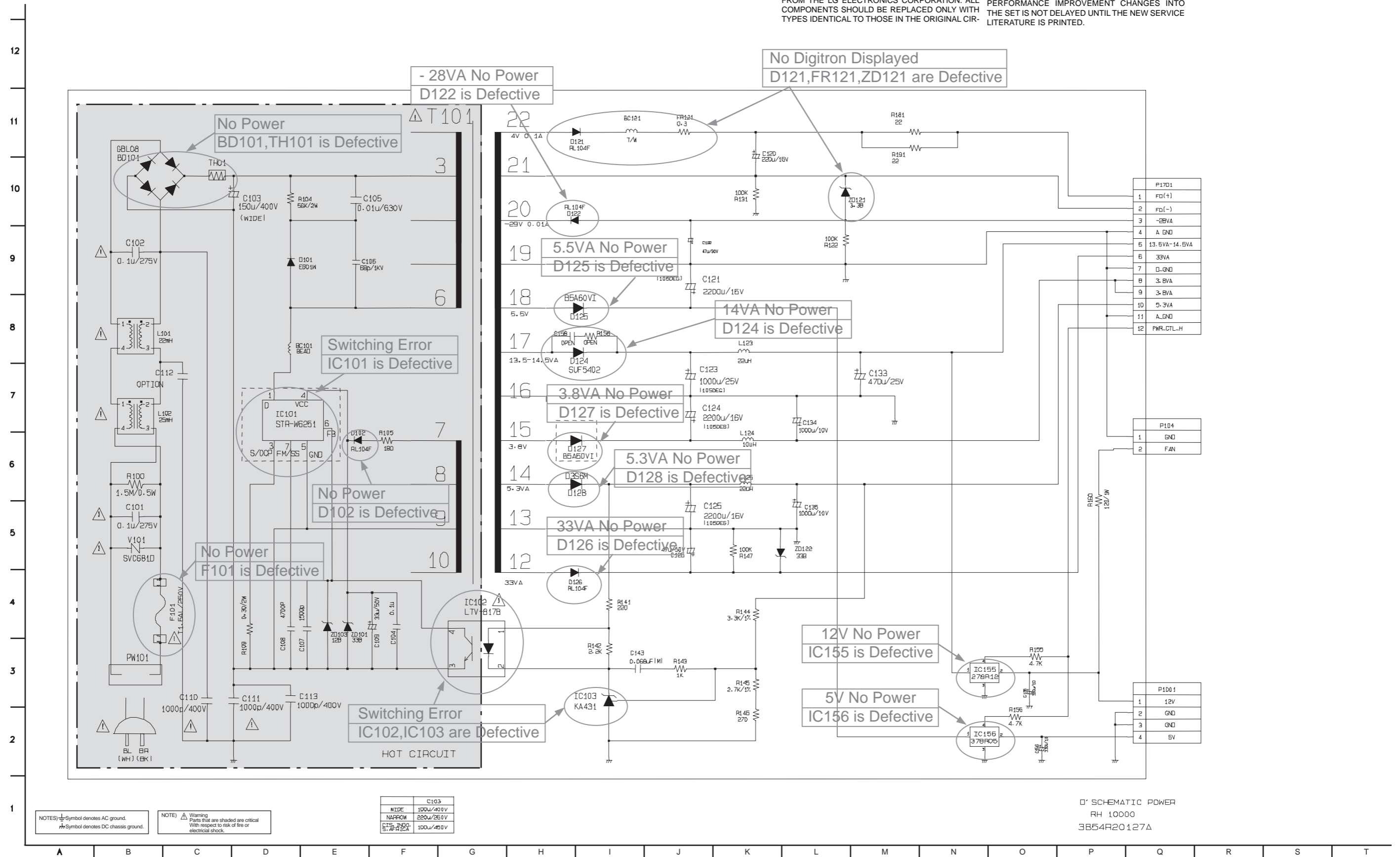
IMPORTANT SAFETY NOTICE

WHEN SERVICING THIS CHASSIS, UNDER NO CIRCUMSTANCES SHOULD THE ORIGINAL DESIGN BE MODIFIED OR ALTERED WITHOUT PERMISSION FROM THE LG ELECTRONICS CORPORATION. ALL COMPONENTS SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIR-

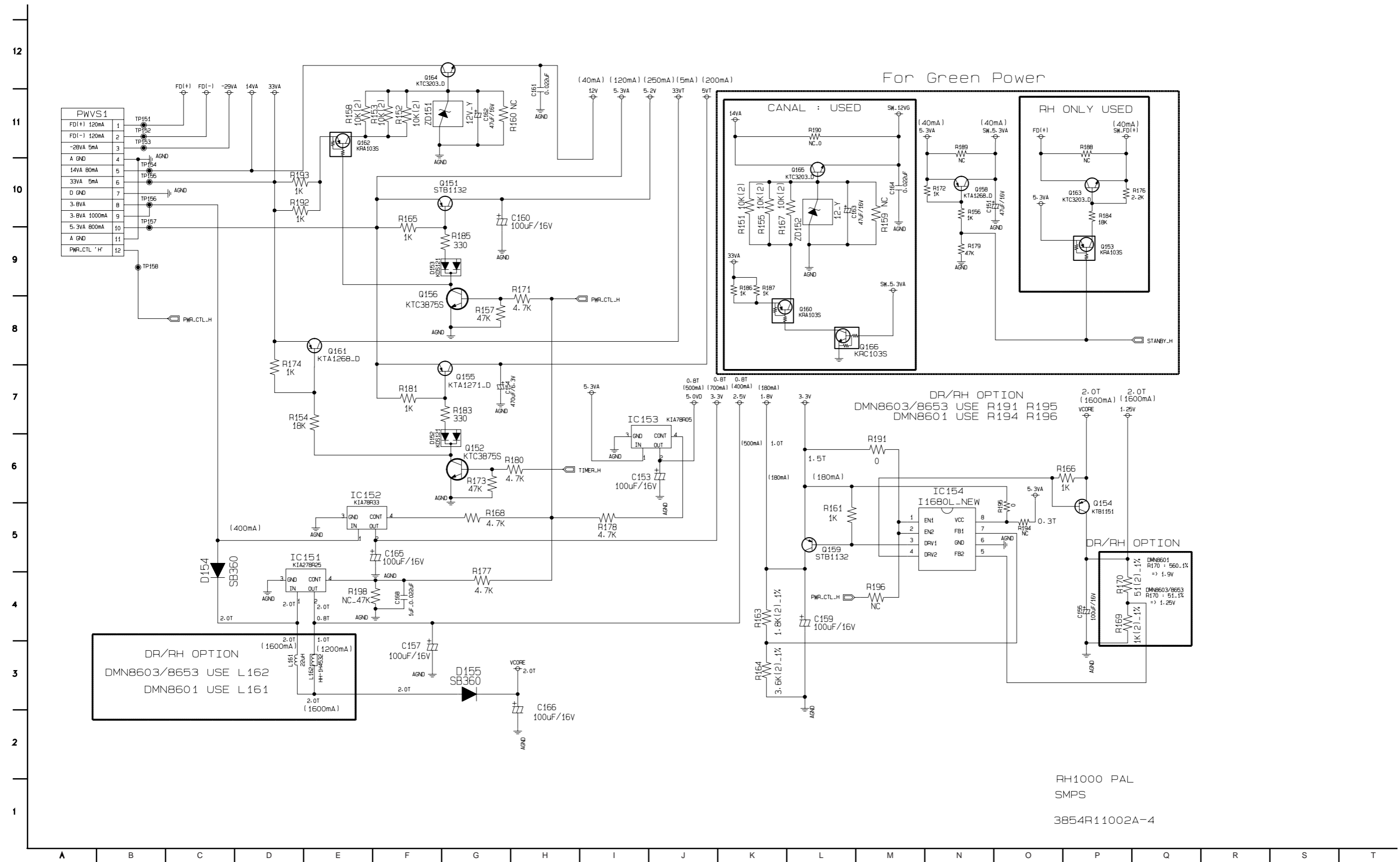
CUIT. SPECIAL COMPONENTS ARE SHADED ON THE SCHEMATIC FOR EASY IDENTIFICATION. THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS WAY, IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SET IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

NOTE :

1. Shaded (■) parts are critical for safety. Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmeter during Play mode.



2. SMPS 2 CIRCUIT DIAGRAM

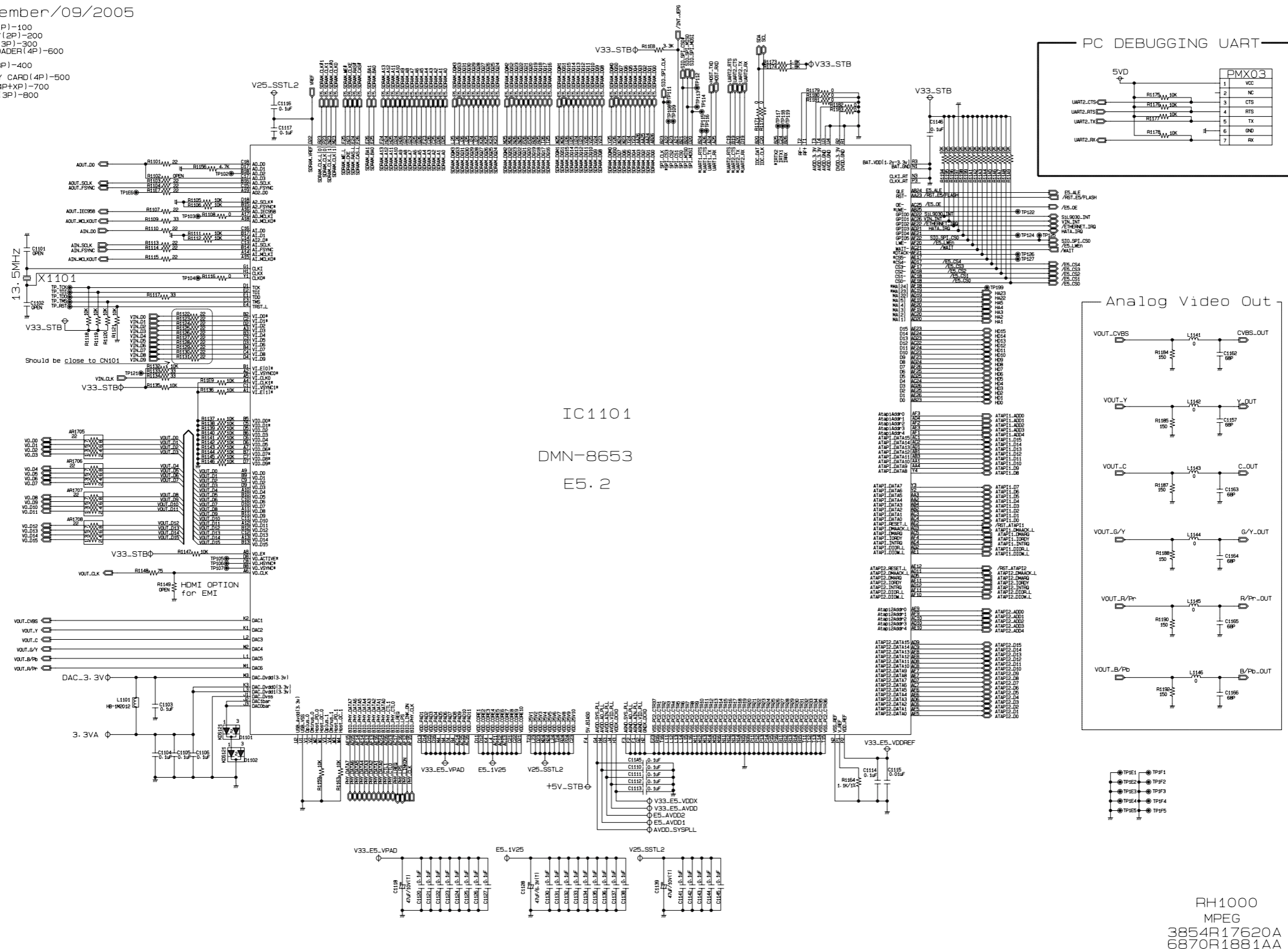


3. MPEG CIRCUIT DIAGRAM

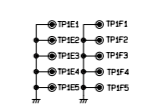
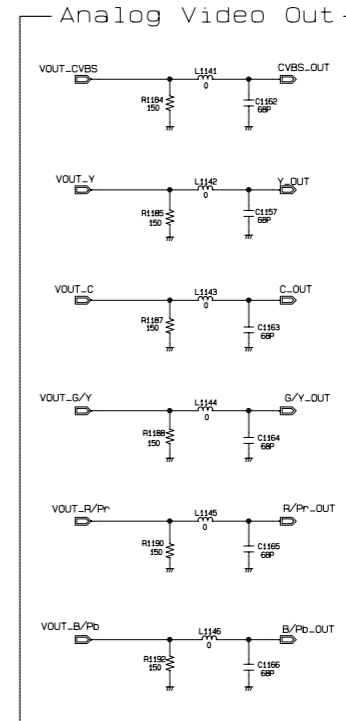
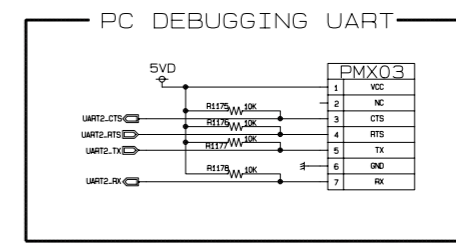
December/09/2005

MPEG(1P)-100
MEMORY(2P)-200
RESET(3P)-300
HDD/LOADER(4P)-600

1394(3P)-400
MEMORY_CARD(4P)-500
HDMI(4P+XP)-700
J_EPG(3P)-800



IC1101
DMN-8653
E5.2



RH1000
MPEG
3854R17620A
6870R1881AA

12
11
10
9
8
7
6
5
4
3
2
1

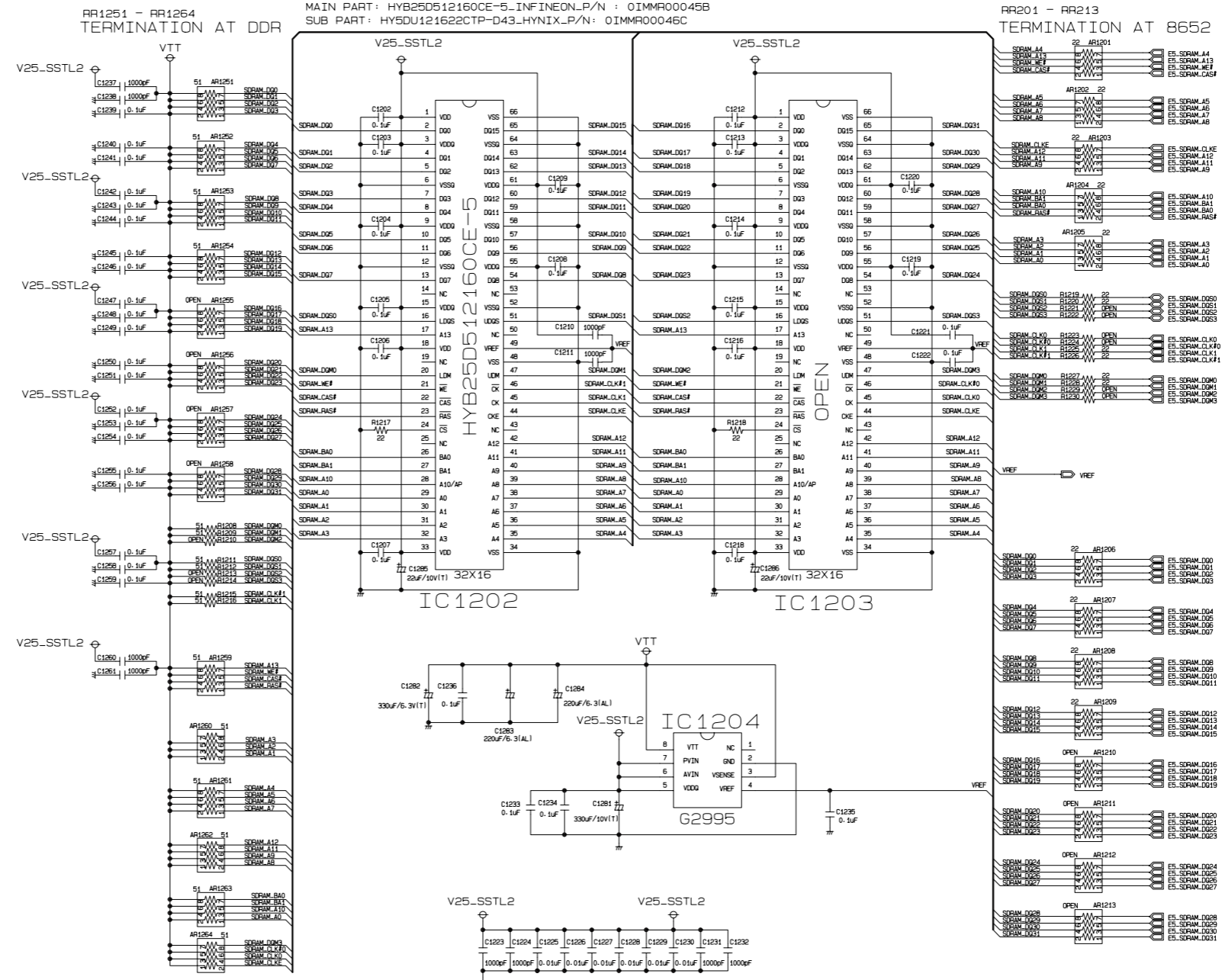
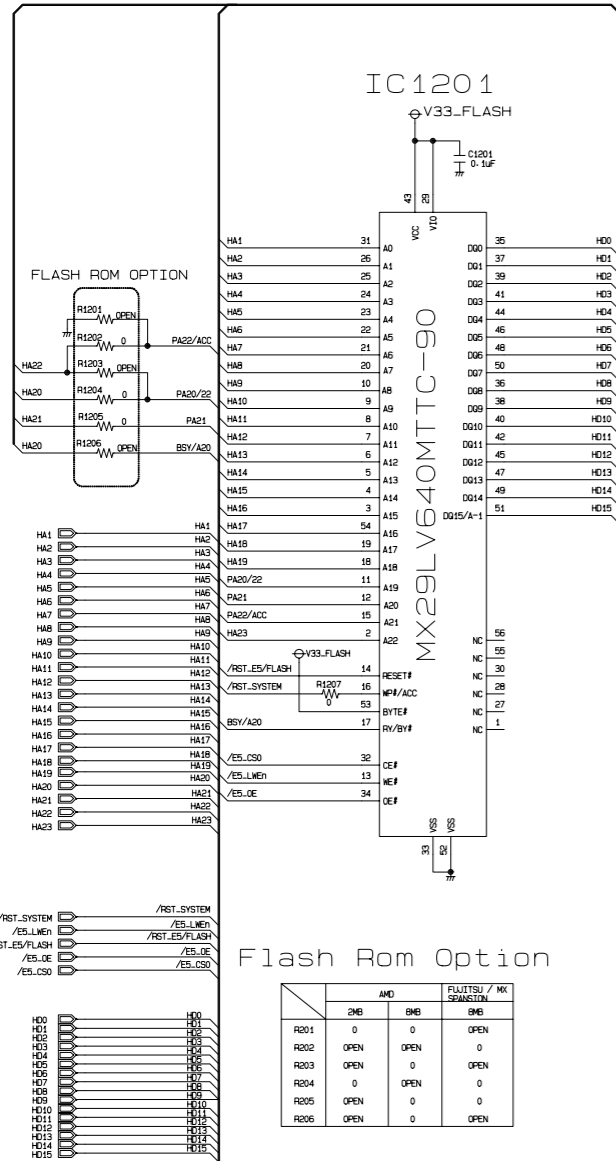
A B C D E F G H I J K L M N O P Q R S T

4. FLASH/DDR CIRCUIT DIAGRAM

December/09/2005

FLASH DDR

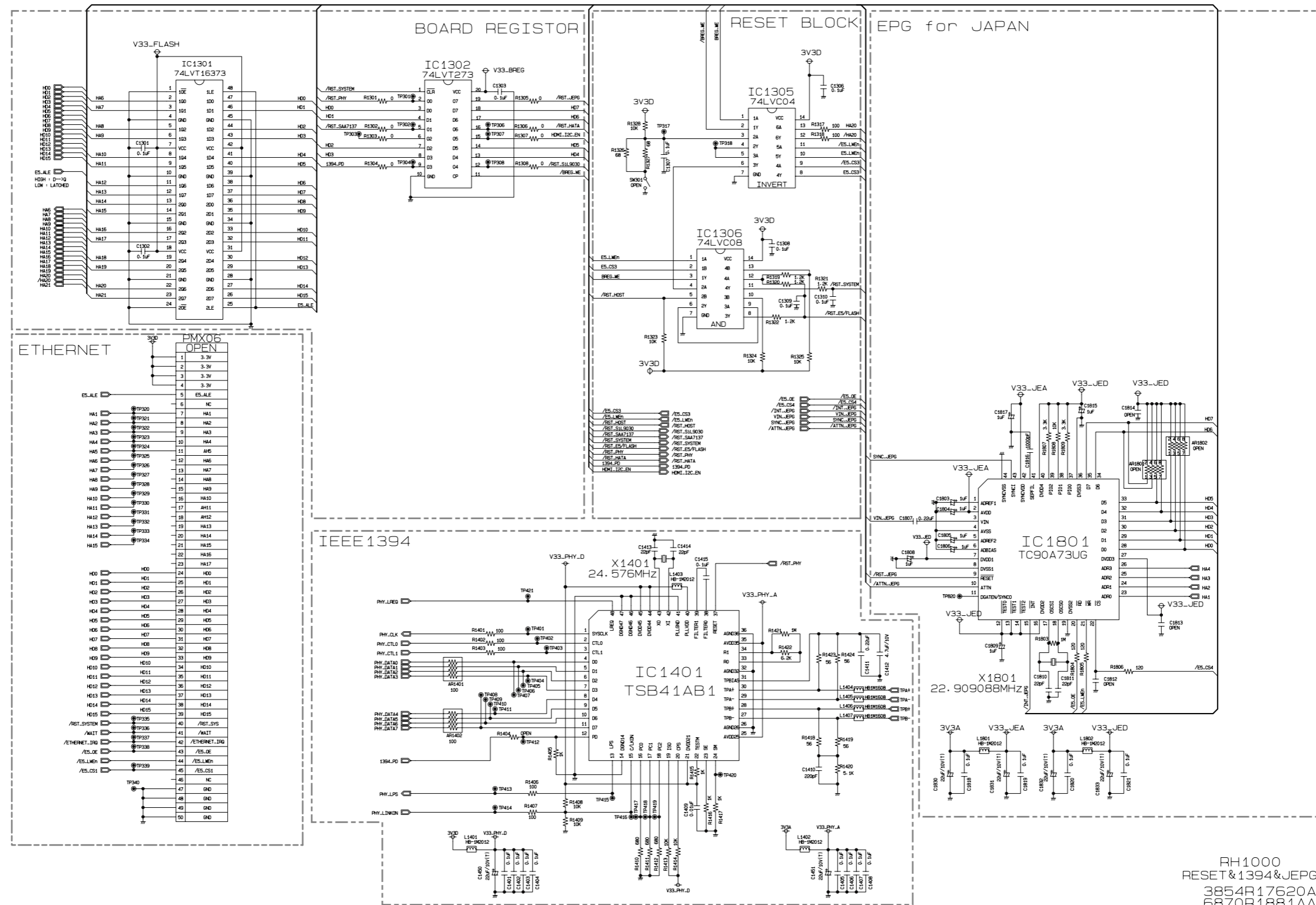
#17 (A13) : 1Gbit based module
(NC) : 512 Mbit or smaller dies



RH1000
FLASH / DDR
3854R17620A
6870R1881AA

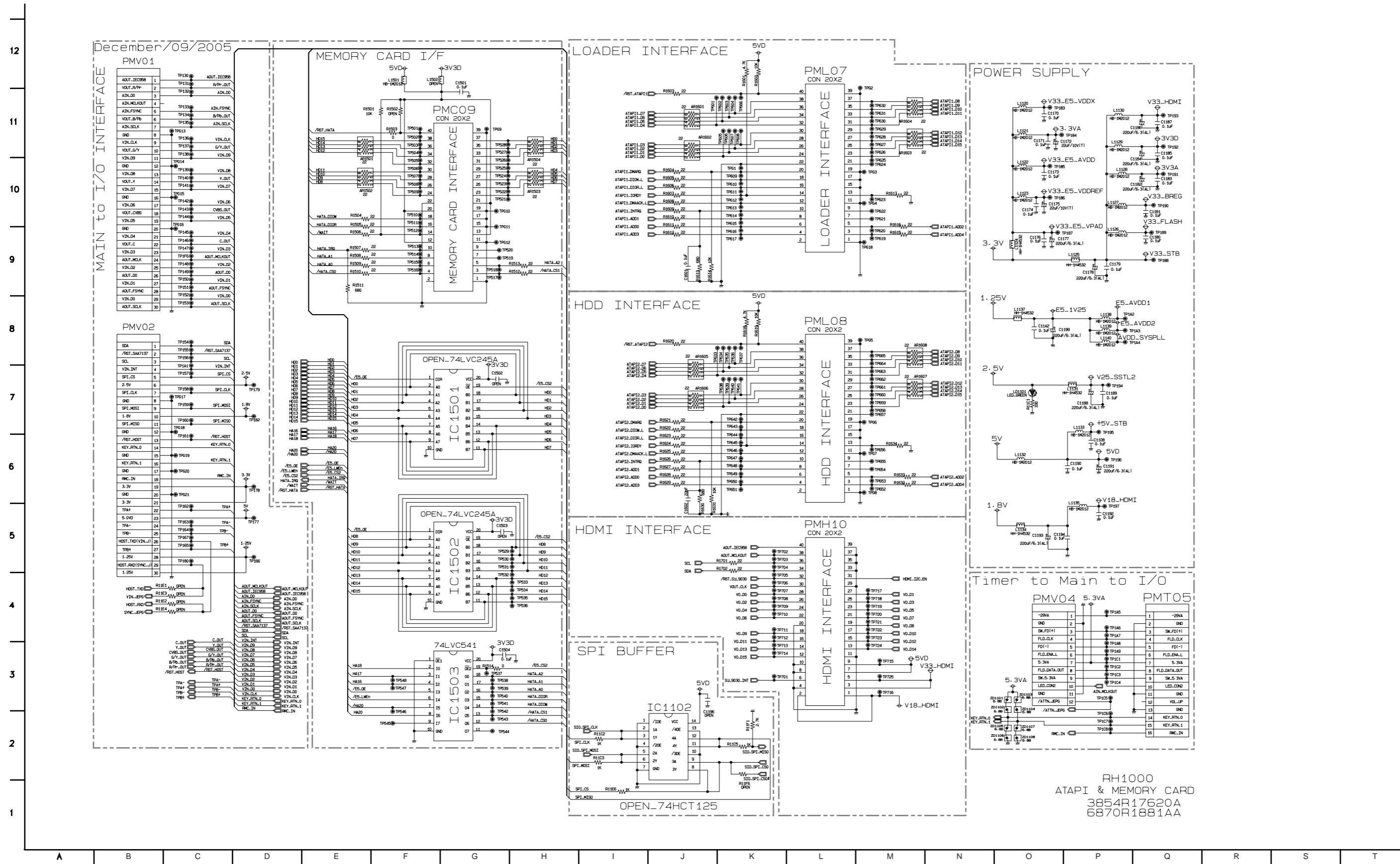
5. RESET & 1394 & JEPG CIRCUIT DIAGRAM

December/09/2005

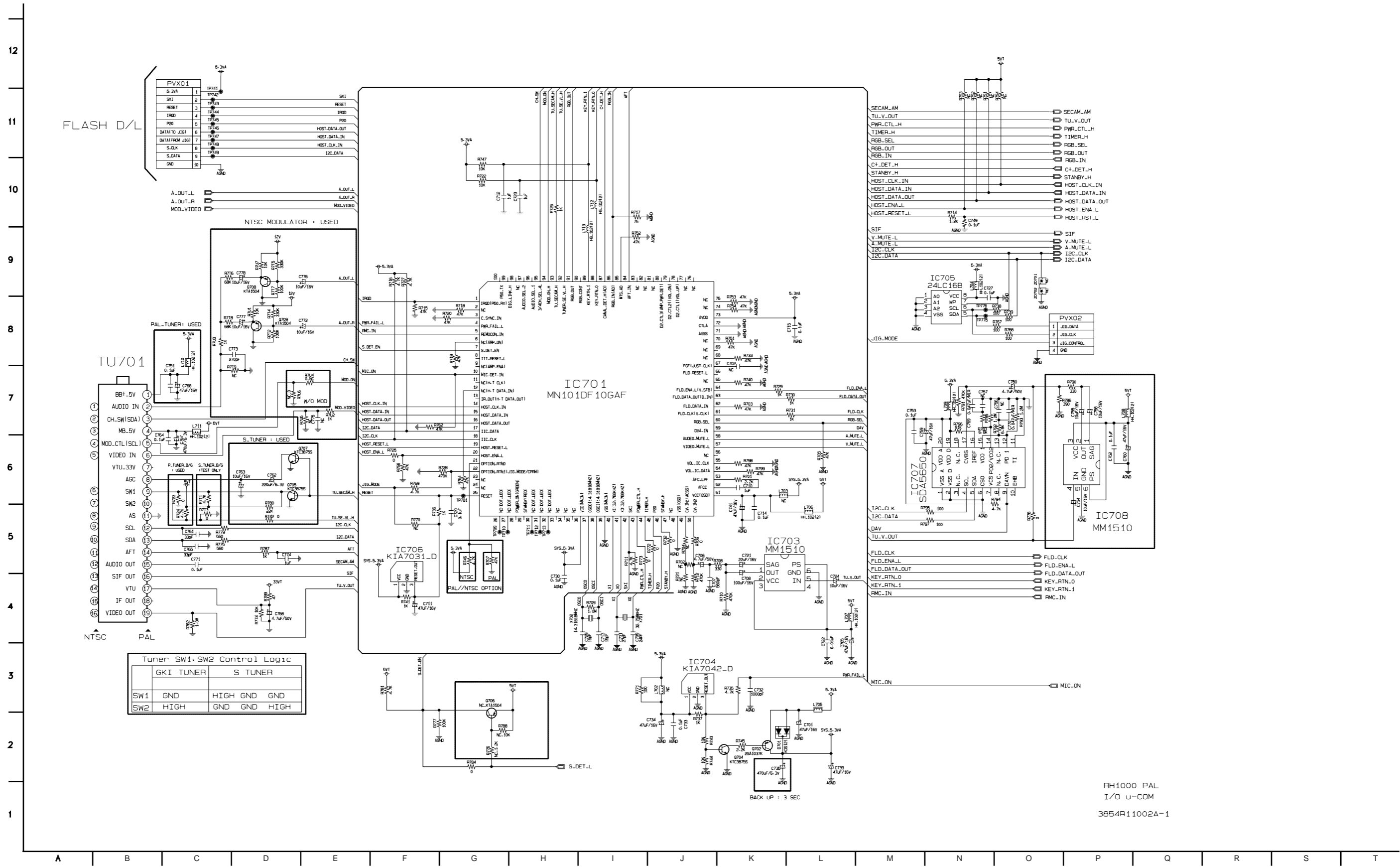


RH1000
RESET & 1394 & JEPG
3854R17620A
6870R1881AA

6. ATAPI & MEMORY CARD CIRCUIT DIAGRAM



7. I/O, μ-COM CIRCUIT DIAGRAM



FLASH D/L

TU701

IC701
MN101DF10GAF

IC706
KIA7031-D

IC707
SDA5660

IC708
MM1510

IC703
MM1510

IC704
KIA7042-D

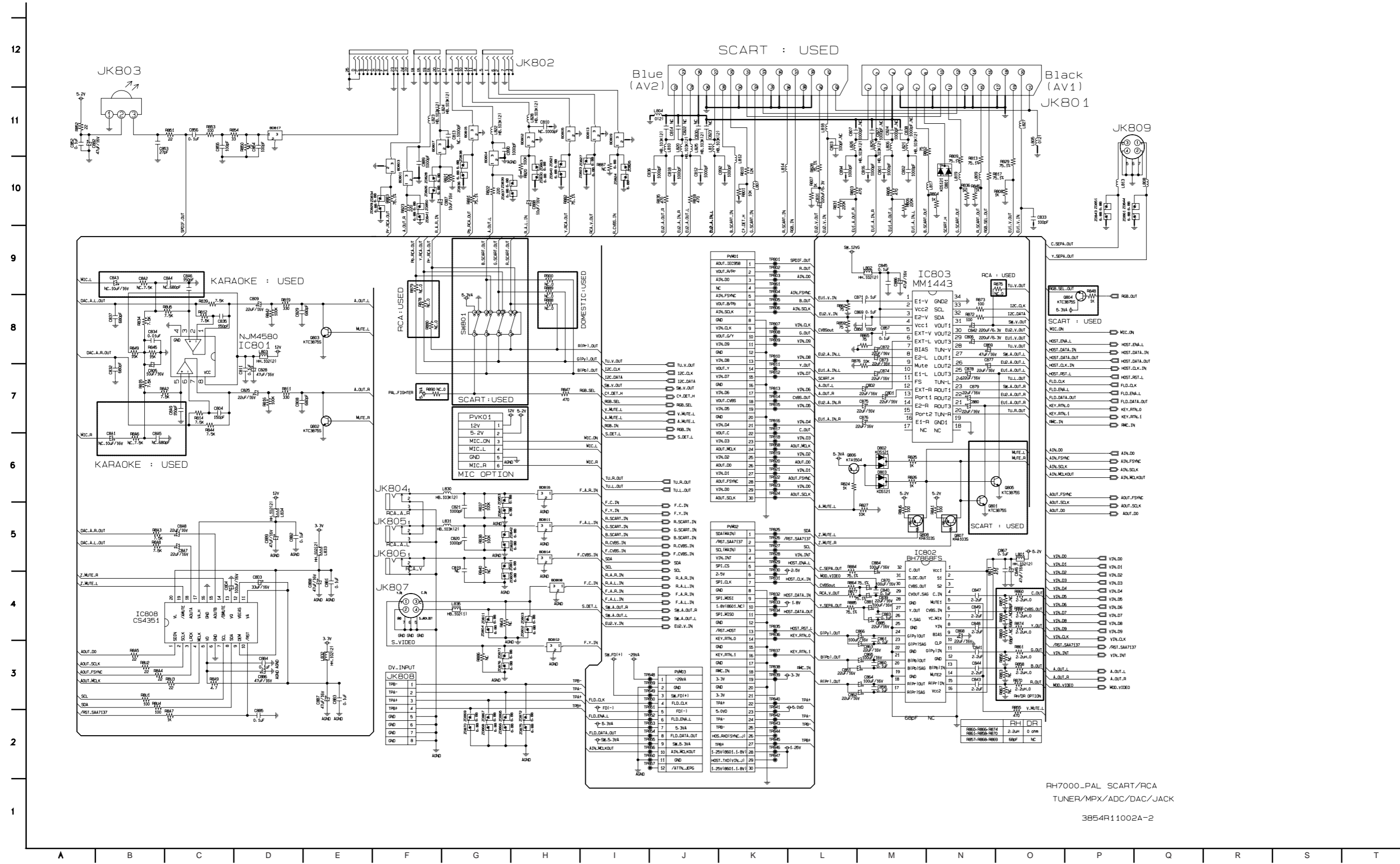
IC705
24LC16B

Tuner SW1, SW2 Control Logic

	GKI TUNER	S TUNER
SW1	GND	HIGH GND GND
SW2	HIGH	GND GND HIGH

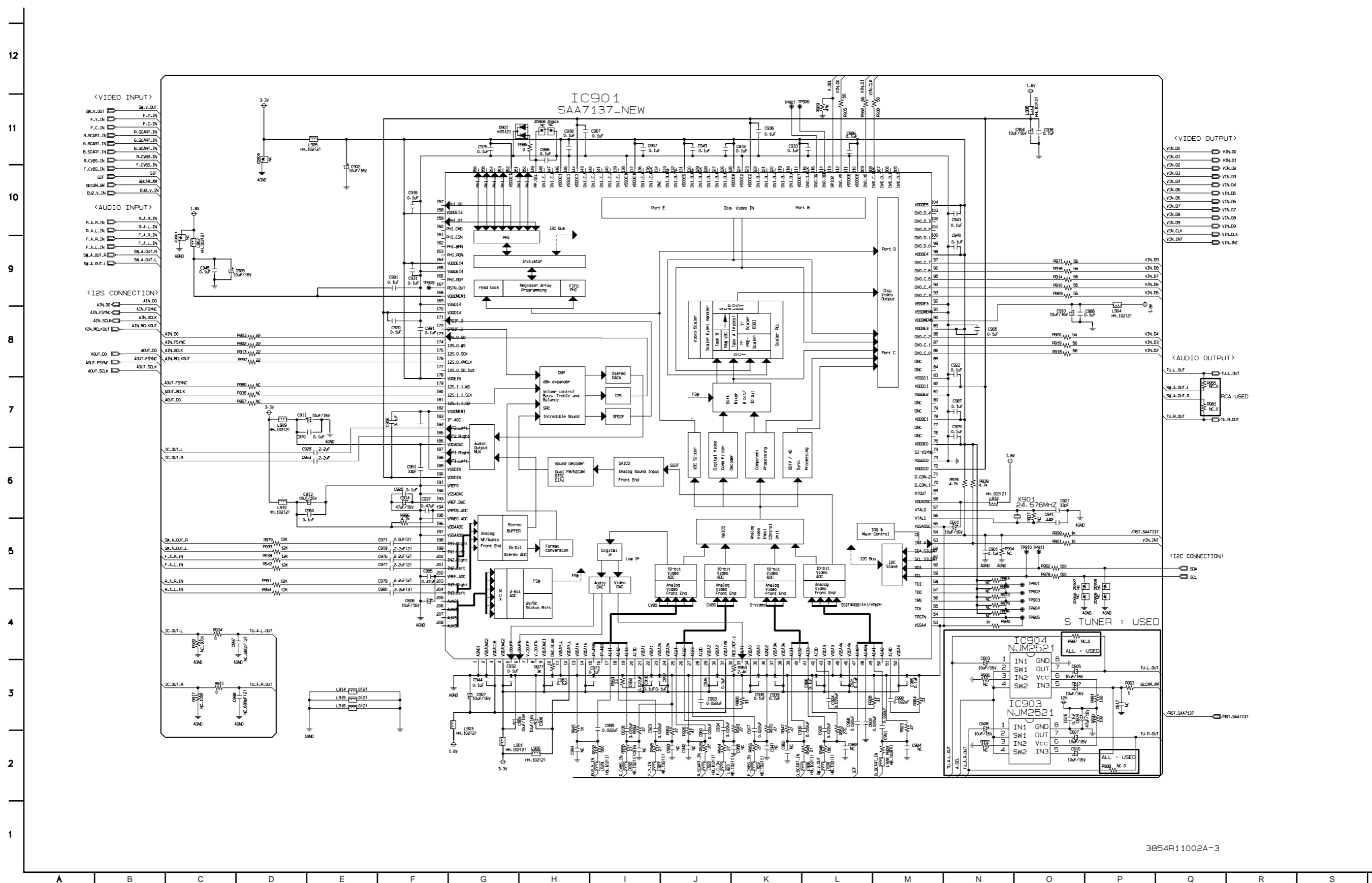
RH1000 PAL
I/O u-COM
3854R11002A-1

8. TUNER/MPX/ADC/DAC/JACK CIRCUIT DIAGRAM



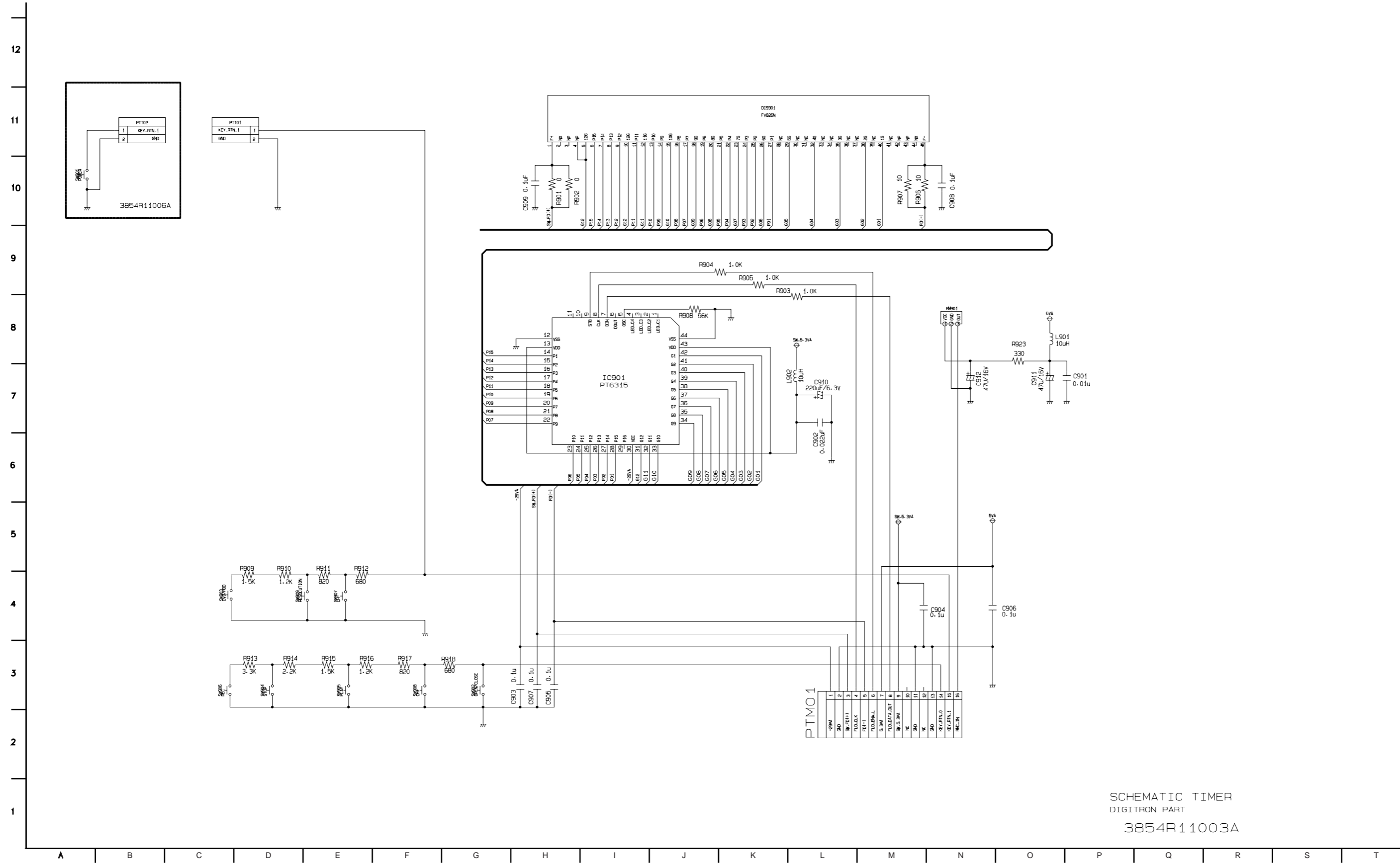
RH7000-PAL SCART/RCA
TUNER/MPX/ADC/DAC/JACK
3854R11002A-2

9. DECODER CIRCUIT DIAGRAM



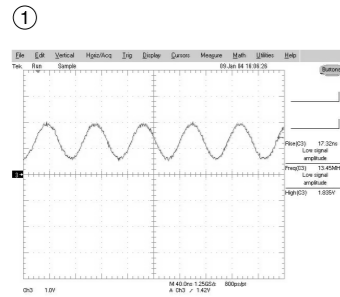
3854R11002A-3

10. TIMER CIRCUIT DIAGRAM

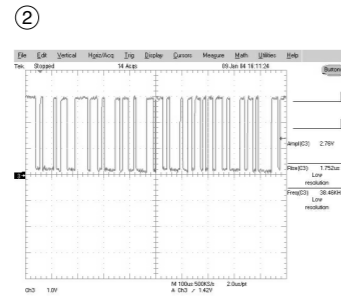


SCHEMATIC TIMER
DIGITRON PART
3854R11003A

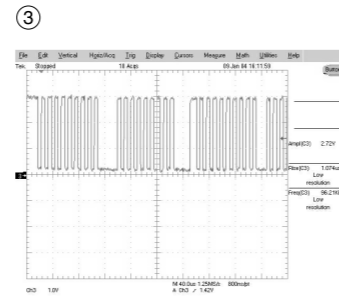
• WAVEFORMS



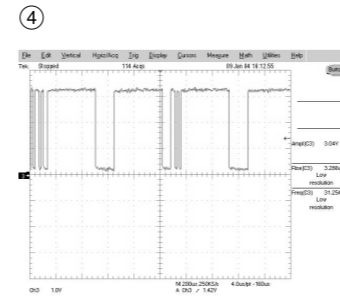
X1101
13.5 MHz



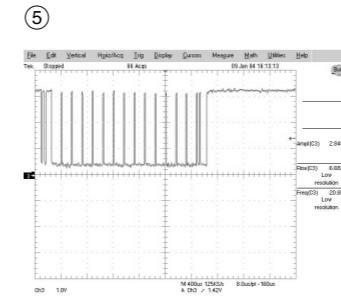
PMV02
PIN1
SDA



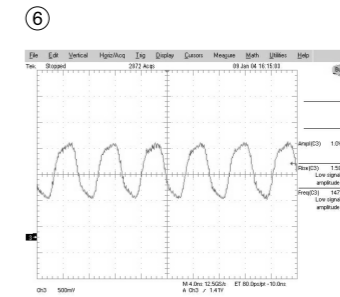
PMV02
PIN3
SCL



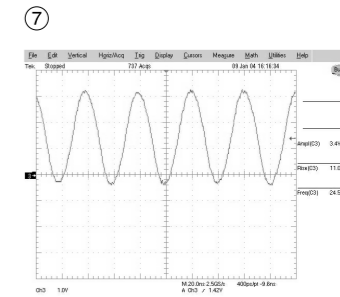
PMV02
PIN29
HOST_RXD



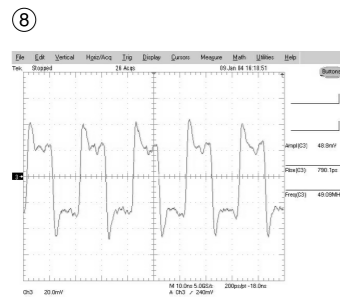
PMV02
PIN26
HOST_TXD



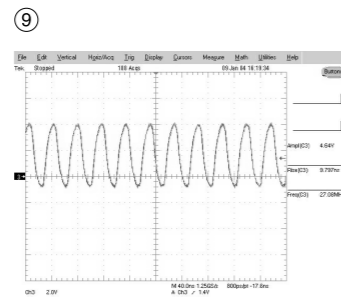
IC1202
PIN45
SDRAM_CLK1



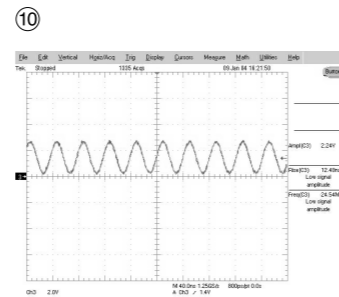
X1401
24.576MHz



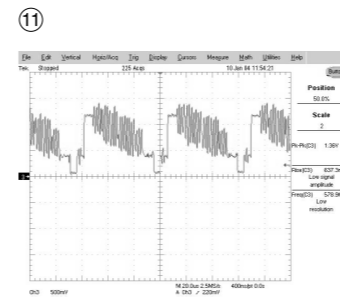
IC1401
PIN1
PHY_CLK



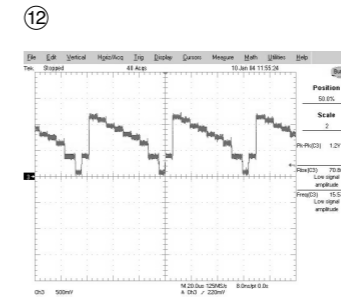
PMV01
PIN9
VIN_CLK



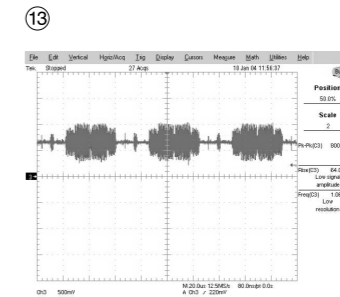
X901
14.31818MHz



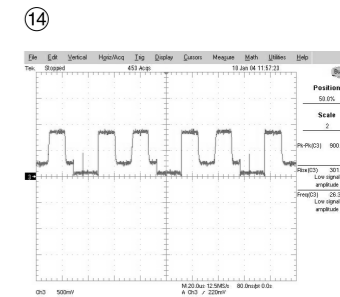
PMV01
PIN18
VOUT_CVBS



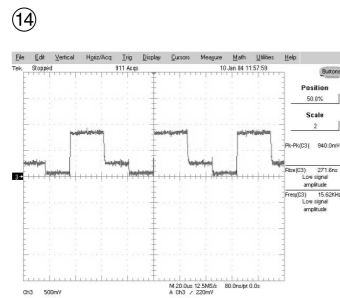
PMV01
PIN10
VOUT_G/Y



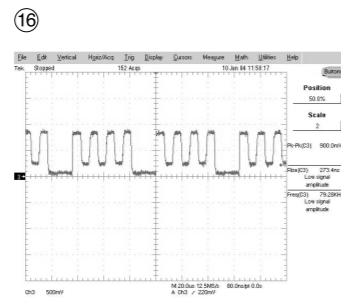
PMV01
PIN22
VOUT_C



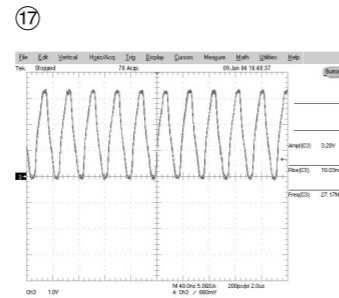
PMV01
PIN2
VOUT_R/Pr



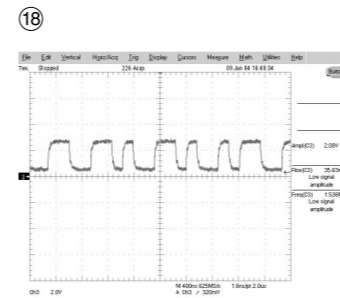
PMV01
PIN10
VOUT_G/Y



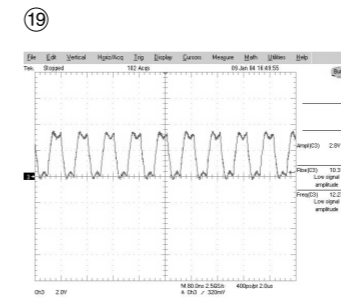
PMV01
PIN06
VOUT_B/Pb



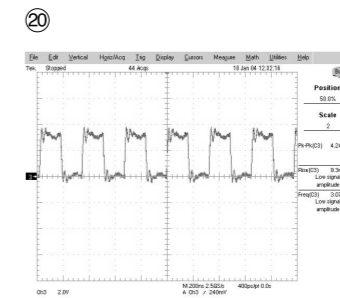
IC901
PIN108
27MHz



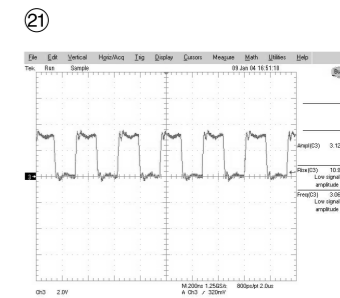
PMV01
PIN01
AOUT_IEC958



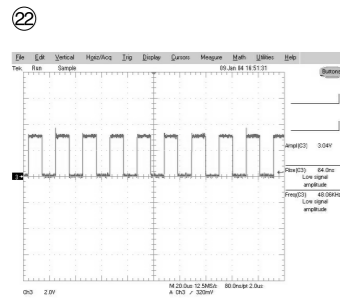
PMV04
PIN10
AIN_MCLKOUT



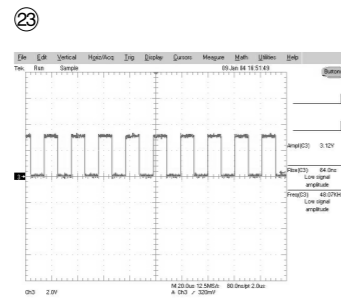
PMV01
PIN07
AIN_SCLK



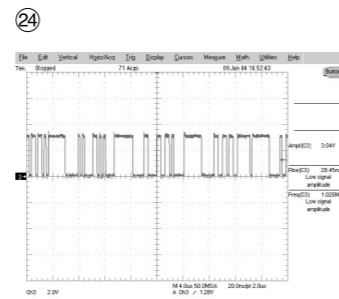
PMV01
PIN24
AOUT_MCLK



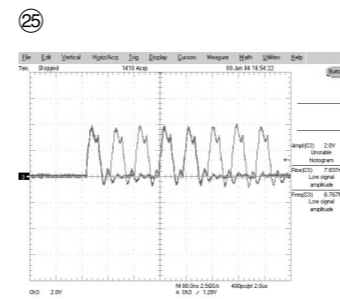
PMV01
PIN05
AIN_FSYNC



PMV01
PIN_FSYNC
AOUT_FSYNC



PMV01
PIN26
AOUT_D0



PMV01
PIN29
VIN_D0

• CIRCUIT VOLTAGE CHART

MODE PIN NO.	EE	PB	REC
IC101 LSI DMN8653			
A1	1.17	1.19	1.17
A2	0.00	0.00	0.00
A3	1.37	1.36	1.36
A4	0.00	0.00	0.00
A5	1.61	1.64	1.64
A6	1.60	1.62	1.62
A7	1.58	1.61	1.59
A8	3.20	3.23	3.21
A9	1.25	0.67	1.25
A10	1.58	1.62	1.60
A11	1.25	0.67	1.25
A12	1.08	0.94	1.06
A13	1.10	1.08	1.10
A14	NC	NC	NC
A15	3.22	3.23	3.20
A16	1.63	1.64	1.62
A17	1.63	1.64	1.98
A18	1.63	1.64	1.63
A19	0.00	0.00	0.00
A20	3.24	3.24	3.23
A21	0.00	0.00	0.00
A22	0.00	0.00	0.00
A23	0.00	0.00	0.00
A24	3.23	3.24	3.22
A25	2.31	2.32	2.30
A26	3.21	3.21	3.21
B1	3.21	3.22	3.21
B2	0.27	0.27	0.27
B3	1.39	1.39	1.39
B4	1.22	1.22	1.21
B5	0.00	0.00	0.00
B6	1.16	1.21	1.18
B7	1.01	1.07	1.01
B8	3.20	3.20	3.19
B9	1.18	1.22	1.18
B10	1.02	1.07	1.02
B11	1.19	1.22	1.18
B12	1.22	1.25	1.24
B13	2.17	2.14	2.17
B14	1.60	1.61	1.59
B15	1.61	1.62	1.60
B16	1.62	1.62	1.61
B17	0.00	0.00	0.00
B18	0.00	0.00	0.00
B19	4.91	4.91	4.91
B20	3.12	3.14	3.14
B21	2.75	2.80	2.84
B22	4.80	4.90	4.82
B23	3.08	3.11	3.10
B24	3.21	3.21	3.21
B25	3.20	3.23	3.21
B26	3.21	3.23	3.21
C1	2.24	2.25	2.25
C2	2.67	2.67	2.66

MODE PIN NO.	EE	PB	REC
C3	1.32	1.32	1.32
C4	1.28	1.28	1.27
C5	0.00	0.00	0.00
C6	1.19	0.38	1.17
C7	1.10	1.08	1.10
C8	2.86	2.86	2.85
C9	1.18	0.38	1.18
C10	1.10	1.08	1.10
C11	1.19	0.38	1.17
C12	1.02	1.07	1.01
C13	1.62	1.63	1.61
C14	0.00	0.00	0.00
C15	1.62	1.63	1.61
C16	1.21	1.21	1.20
C17	0.00	0.00	0.00
C18	1.62	1.64	1.61
C19	0.00	0.00	0.00
C20	3.15	3.18	3.16
C21	1.08	1.05	1.05
C22	1.08	1.05	1.05
C23	2.35	2.29	2.30
C24	3.21	3.23	3.21
C25	1.14	1.10	1.10
C26	1.17	1.16	1.15
D1	2.25	2.25	2.25
D2	1.55	1.55	1.55
D3	1.50	1.50	1.49
D4	1.62	1.62	1.61
D5	1.25	0.66	1.25
D6	1.18	0.94	1.06
D7	1.80	1.77	1.80
D8	2.49	2.49	2.48
D9	1.08	0.94	1.07
D10	1.81	1.78	1.81
D11	1.08	1.05	1.05
D12	1.08	1.05	1.05
D13	3.22	3.24	3.22
D14	3.22	3.24	3.22
D15	3.22	3.24	3.22
D16	3.22	3.24	3.22
D17	0.00	0.00	0.00
D18	1.61	1.61	1.60
D19	4.91	4.91	4.91
D20	3.05	3.05	3.04
D21	1.08	1.05	1.05
D22	1.19	1.17	1.17
D23	2.35	2.29	2.30
D24	1.12	1.08	1.04
D25	1.14	1.09	1.03
D26	1.14	1.09	1.08
E1	0.89	0.40	0.85
E2	2.23	2.24	2.24
E3	2.25	2.26	2.25
E4	0.00	0.00	0.00
E23	0.00	0.00	0.00

MODE PIN NO.	EE	PB	REC
E24	2.01	1.97	1.97
E25	1.21	1.18	1.18
E26	1.18	1.18	1.16
F1	0.00	0.00	0.00
F2	0.00	0.00	0.00
F3	0.00	0.00	0.00
F4	1.05	1.05	1.06
F23	1.19	1.16	1.15
F24	1.18	1.06	1.02
F25	2.03	1.98	1.98
F26	2.08	1.93	1.85
G1	1.48	1.49	1.49
G2	0.00	0.00	0.00
G3	1.05	1.05	1.06
G4	2.35	2.26	2.30
G23	1.17	1.16	1.15
G24	1.18	1.16	1.15
G25	1.17	1.16	1.15
G26	1.16	1.16	1.15
H1	1.69	1.72	1.73
H2	0.00	0.00	0.00
H3	3.23	3.24	3.22
H4	1.06	1.05	1.06
H23	2.10	2.05	2.05
H24	1.14	1.09	1.06
H25	1.12	1.08	1.05
H26	1.17	1.14	1.15
J1	0.00	0.00	0.00
J2	1.58	1.58	1.58
J3	1.58	1.58	1.58
J4	3.23	3.23	3.22
J23	1.18	1.18	1.18
J24	1.11	1.11	1.11
J25	1.11	1.11	1.11
J26	1.11	1.11	1.11
K1	0.63	0.61	0.64
K2	0.64	0.62	0.64
K3	3.21	3.22	3.20
K4	1.08	1.05	1.05
K23	1.11	1.11	1.11
K24	1.13	1.13	1.13
K25	1.12	1.12	1.12
K26	1.11	1.11	1.11
L1	0.72	0.72	0.72
L2	0.73	0.73	0.64
L3	3.21	3.22	3.20
L4	1.08	1.05	1.05
L11	0.00	0.00	0.00
L12	0.00	0.00	0.00
L13	0.00	0.00	0.00
L14	0.00	0.00	0.00
L15	0.00	0.00	0.00
L16	0.00	0.00	0.00
L23	2.35	2.29	2.30
L24	2.35	2.29	2.30

MODE PIN NO.	EE	PB	REC
L25	0.35	0.32	0.30
L26	1.16	1.16	1.15
M1	0.72	0.72	0.73
M2	0.64	0.62	0.73
M3	3.21	3.22	3.20
M4	3.22	3.24	3.22
M11	0.00	0.00	0.00
M12	0.00	0.00	0.00
M13	0.00	0.00	0.00
M14	0.00	0.00	0.00
M15	0.00	0.00	0.00
M16	0.00	0.00	0.00
M23	1.22	1.20	1.20
M24	2.35	2.29	2.30
M25	0.35	0.32	0.30
M26	1.16	1.16	1.15
N1	0.00	0.00	0.00
N2	0.00	0.00	0.00
N3	0.00	0.00	0.00
N4	3.22	3.24	3.22
N11	0.00	0.00	0.00
N12	0.00	0.00	0.00
N13	0.00	0.00	0.00
N14	0.00	0.00	0.00
N15	0.00	0.00	0.00
N16	0.00	0.00	0.00
N23	1.20	1.17	1.16
N24	2.35	2.29	2.30
N25	1.13	1.13	1.13
N26	1.13	1.13	1.13
P1	1.18	1.18	1.18
P2	3.22	3.23	3.22
P3	NC	NC	NC
P4	3.22	3.24	3.22
P11	0.00	0.00	0.00
P12	0.00	0.00	0.00
P13	0.00	0.00	0.00
P14	0.00	0.00	0.00
P15	0.00	0.00	0.00
P16	0.00	0.00	0.00
P23	1.21	1.19	1.19
P24	2.35	2.29	2.30
P25	1.13	1.13	1.13
P26	1.14	1.14	1.14
R1	0.00	0.00	0.00
R2	0.00	0.00	0.00
R3	0.00	0.00	0.00
R4	3.22	3.24	3.22
R11	0.00	0.00	0.00
R12	0.00	0.00	0.00
R13	0.00	0.00	0.00
R14	0.00	0.00	0.00
R15	0.00	0.00	0.00
R16	0.00	0.00	0.00
R23	1.20	1.17	1.17

MODE PIN NO.	EE	PB	REC
R24	2.35	2.29	2.30
R25	1.18	1.18	1.18
R26	1.18	1.18	1.18
T1	0.00	0.00	0.00
T2	0.00	0.00	0.00
T3	0.00	0.00	0.00
T4	0.00	0.00	0.00
T11	0.00	0.00	0.00
T12	0.00	0.00	0.00
T13	0.00	0.00	0.00
T14	0.00	0.00	0.00
T15	0.00	0.00	0.00
T16	0.00	0.00	0.00
T23	2.35	2.29	2.30
T24	2.35	2.29	2.30
T25	1.18	1.18	1.18
T26	1.18	1.18	1.18
U1	0.00	0.00	0.00
U2	NC	NC	NC
U3	0.00	0.00	0.00
U4	0.00	0.00	0.00
U23	1.18	1.18	1.18
U24	1.18	1.18	1.18
U25	1.18	1.18	1.18
U26	1.18	1.18	1.18
V1	NC	NC	NC
V2	NC	NC	NC
V3	NC	NC	NC
V4	NC	NC	NC
V23	1.18	1.18	1.18
V24	1.18	1.18	1.18
V25	1.18	1.18	1.18
V26	1.18	1.18	1.18
W1	0.00	0.00	0.00
W2	NC	NC	NC
W3	NC	NC	NC
W4	0.00	0.00	0.00
W23	1.18	1.18	1.18
W24	1.18	1.18	1.18
W25	0.35	0.32	0.30
W26	1.16	1.16	1.15
Y1	1.65	1.65	1.64
Y2	0.76	0.74	0.84
Y3	0.00	0.00	0.00
Y4	0.77	0.75	0.86
Y23	1.18	1.18	1.18
Y24	1.18	1.18	1.18
Y25	0.35	0.32	0.30
Y26	1.16	1.16	1.15
AA1	0.77	0.77	0.88
AA2	0.77	0.76	0.84
AA3	0.77	0.77	0.84
AA4	0.76	0.74	0.85
AA23	3.12	3.13	3.11
AA24	1.18	1.18	1.10

MODE PIN NO.	EE	PB	REC
AA25	1.18	1.18	1.18
AA26	1.18	1.18	1.18
AB1	0.77	0.77	0.87
AB2	0.76	0.75	0.84
AB3	0.77	0.75	0.87
AB4	0.77	0.76	0.84
AB23	0.00	0.00	0.00
AB24	0.00	0.00	0.00
AB25	3.21	3.23	3.21
AB26	1.18	1.18	1.12
AC1	0.78	0.78	0.89
AC2	0.77	0.76	0.89
AC3	0.77	0.77	0.84
AC4	0.76	0.76	0.84
AC5	0.00	0.00	0.00
AC6	1.95	1.92	1.93
AC7	1.94	1.90	1.91
AC8	1.91	1.88	1.90
AC9	1.94	1.91	1.92
AC10	0.00	0.00	0.00
AC11	1.08	1.05	1.05
AC12	1.08	1.05	1.05
AC13	1.08	1.05	1.05
AC14	3.22	3.24	3.22
AC15	3.22	3.24	3.22
AC16	3.22	3.24	3.22
AC17	0.00	0.00	0.00
AC18	3.22	3.24	3.21
AC19	0.00	0.00	0.00
AC20	0.00	0.00	0.00
AC21	3.82	3.82	3.81

MODE PIN NO.	EE	PB	REC
AF23	0.00	0.00	0.00
AF24	0.00	0.00	0.00
AF25	0.00	0.00	0.00
AF26	0.00	0.00	0.00
C151 KIA78R25			
1	3.25	3.24	3.23
2	2.52	2.52	2.52
3	0.00	0.00	0.00
4	4.88	4.88	4.88
IC152 KIA78R33			
1	3.64	3.63	3.62
2	3.28	3.28	3.28
3	0.00	0.00	0.00
4	4.43	4.42	4.41
IC153 KIA78R05			
1	5.28	5.28	5.28
2	4.97	4.97	4.97
3	0.00	0.00	0.00
4	4.88	4.88	4.88
IC154 IP1680			
1	3.25	3.25	3.25
2	3.25	3.25	3.25
3	2.55	2.56	2.55
4	1.12	1.12	1.12
5	1.71	1.72	1.71
6	0.00	0.00	0.00
7	1.25	1.25	1.25
8	3.25	3.25	3.25
IC701 MN101DF10GAF			
1	0.00	0.00	0.00
2	5.12	5.12	5.12
3	0.00	0.00	0.00
4	4.80	4.80	4.80
5	4.86	4.86	4.87
6	0.01	0.01	0.01
7	5.13	5.13	5.13
8	5.15	5.15	5.16
9	0.01	0.01	0.01
10	0.00	0.00	0.00
11	5.16	5.16	5.16
12	0.00	0.00	0.00
13	5.15	5.15	5.16
14	4.82	4.83	4.89
15	0.04	0.04	0.04
16	0.12	0.11	0.08
17	5.05	5.05	5.05
18	5.06	5.06	5.06
19	5.10	5.10	5.11
20	4.91	4.90	4.90
21	0.00	0.00	0.00
22	0.01	0.01	0.01
23	0.01	0.01	0.01
24	0.33	0.31	0.14
25	5.16	5.16	5.16
26	0.05	0.05	0.05

MODE PIN NO.	EE	PB	REC
27	0.00	0.00	0.22
28	5.16	5.16	5.16
29	0.01	0.01	0.01
30	0.01	0.01	0.01
31	0.01	0.01	0.01
32	0.01	0.01	0.01
33	0.31	0.32	0.15
34	0.33	0.32	0.16
35	0.01	0.01	0.01
36	5.16	5.16	5.16
37	2.53	2.52	2.54
38	2.43	2.42	2.42
39	0.00	0.00	0.00
40	1.99	1.95	1.95
41	2.55	2.55	2.55
42	0.00	0.00	0.00
43	4.88	4.89	4.89
44	4.89	4.90	4.90
45	0.01	0.01	0.01
46	0.64	0.63	0.63
47	0.01	0.01	0.01
48	0.00	0.00	0.00
49	1.04	1.04	1.04
50	2.78	2.90	2.89
51	5.13	5.13	5.13
52	3.01	3.04	3.05
53	2.54	2.54	2.54
54	5.10	5.10	5.10
55	5.10	5.10	5.10
56	0.01	0.01	0.01
57	5.09	5.09	5.09
58	5.00	5.00	5.01
59	5.25	5.02	5.00
60	0.00	0.00	0.00
61	4.94	4.94	4.93
62	0.00	0.00	0.00
63	0.82	0.81	0.81
64	4.83	4.82	4.82
65	0.00	0.00	0.00
66	0.00	0.00	0.00
67	0.00	0.00	0.00
68	0.00	0.00	0.00
69	0.00	0.00	0.00
70	0.00	0.00	0.00
71	0.00	0.00	0.00
72	0.00	0.00	0.00
73	5.25	5.25	5.25
74	0.00	0.00	0.00
75	0.00	0.00	0.00
76	0.01	0.01	0.00
77	0.01	0.01	0.01
78	0.01	0.01	0.01
79	0.01	0.01	0.01
80	0.01	0.01	0.01
81	0.01	0.01	0.01

MODE PIN NO.	EE	PB	REC
82	0.24	0.19	0.14
83	0.24	0.19	0.15
84	1.94	1.92	1.93
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	5.25	5.25	5.25
89	5.25	5.25	5.25
90	0.01	0.01	0.01
91	0.01	0.01	0.01
92	0.02	0.02	0.02
93	0.01	0.01	0.01
94	0.01	0.01	0.01
95	0.01	0.01	0.01
96	5.16	5.16	5.16
97	0.01	0.01	0.01
98	0.01	0.01	0.01
99	0.01	0.01	0.01
100	5.16	5.16	5.16
IC703 MM1510			
1	2.24	2.24	2.24
2	2.37	2.37	2.38
3	5.13	5.13	5.13
4	1.87	1.87	1.87
5	0.00	0.00	0.00
6	5.13	5.13	5.13
IC704 KIA7042			
1	5.21	5.21	5.21
2	0.00	0.00	0.00
3	4.80	4.80	4.80
IC706 KIA7031			
1	5.17	5.17	5.17
2	0.00	0.00	0.00
3	5.17	5.16	5.16
IC705 24LC16B			
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	5.05	5.05	5.06
6	5.06	5.06	5.06
7	0.00	0.00	0.00
8	5.25	5.25	5.25
IC707 SDA5650			
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	5.06	5.06	5.06
5	5.05	5.05	5.06
6	0.00	0.00	0.00
7	0.42	0.42	0.42
8	0.00	0.00	0.00
9	5.25	5.01	5.00
10	2.80	2.79	2.81
11	0.00	0.00	0.00

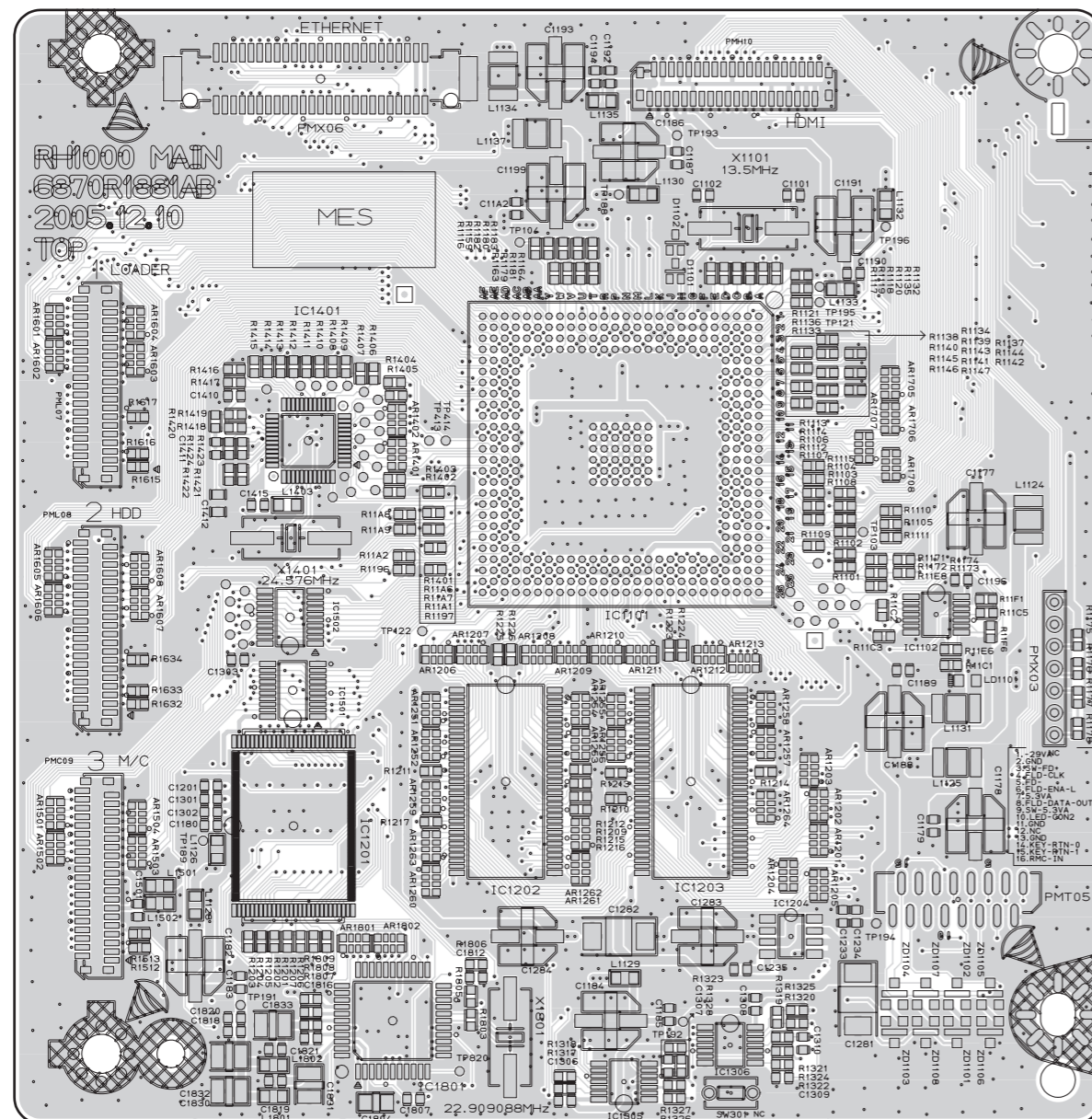
MODE PIN NO.	EE	PB	REC
12	2.47	2.48	2.48
13	0.00	0.00	0.00
14	2.49	2.48	2.49
15	2.47	2.48	2.49
16	1.57	1.56	1.57
17	1.48	1.54	1.54
18	0.00	0.00	0.00
19	5.25	5.25	5.25
20	5.25	5.25	5.25
IC801 NJM4580			
1	6.06	6.06	6.07
2	6.06	6.06	6.07
3	6.05	6.05	6.05
4	0.00	0.00	0.00
5	6.05	6.05	6.05
6	6.06	6.06	6.06
7	6.06	6.06	6.06
8	12.12	12.12	12.12
IC802 BH7868FS			
1	5.19	5.19	5.19
2	0.05	0.06	0.06
3	0.05	0.06	0.06
4	2.28	2.27	2.27
5	5.00	5.00	5.00
6	1.78	1.60	1.60
7	5.14	5.14	5.15
8	1.78	1.58	1.54
9	2.27	2.27	2.27
10	0.00	0.00	0.00
11	1.77	1.57	1.56
12	0.00	0.00	0.00
13	2.25	2.25	2.25
14	5.00	5.00	5.00
15	2.24	2.27	2.27
16	5.19	5.19	5.20
17	2.31	2.35	2.34
18	2.32	2.37	2.35
19	0.00	0.00	0.00
20	2.32	2.30	2.32
21	2.33	2.32	2.32
22	0.00	0.00	0.00
23	1.90	1.51	1.46
24	2.29	1.79	1.71
25	0.00	0.00	0.00
26	1.91	1.52	1.45
27	2.31	1.81	1.75
28	0.00	0.00	0.00
29	1.98	1.57	1.49
30	2.39	1.85	1.79
31	0.06	0.06	0.06
32	2.39	2.37	2.37
IC803 MM1443			
1	2.74	2.74	2.74
2	12.15	12.15	12.15
3	2.74	2.74	2.74

MODE PIN NO.	EE	PB	REC
4	12.15	12.15	12.15
5	3.06	3.22	3.18
6	5.75	5.75	5.75
7	5.76	5.76	5.76
8	5.70	5.70	5.70
9	0.01	0.01	0.01
10	5.70	5.70	5.70
11	11.55	11.55	11.55
12	5.75	5.75	5.75
13	0.01	0.01	0.01
14	5.70	5.70	5.70
15	0.01	0.01	0.01
16	5.70	5.70	5.70
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.00
20	5.70	5.70	5.70
21	5.81	5.81	5.81
22	5.81	5.80	5.80
23	5.74	5.74	5.73
24	5.70	5.70	5.70
25	5.80	5.80	5.80
26	5.80	5.80	5.80
27	5.73	5.73	5.73
28	3.31	3.26	3.33
29	2.47	2.62	2.35
30	2.47	2.62	2.35
31	1.88	1.88	1.80
32	5.05	5.05	5.05
33	5.07	5.07	5.07
34	0.00	0.00	0.00
IC808 CS4351			
1	1.61	1.61	1.62
2	1.62	1.62	1.61
3	1.62	1.62	1.62
4	1.63	1.63	1.63
5	3.17	3.17	3.17
6	0.00	0.00	0.00
7	3.08	3.08	3.08
8	3.03	3.03	3.03
9	3.23	3.23	3.23
10	3.21	3.20	3.20
11	3.22	3.22	3.22
12	1.25	1.25	1.25
13	4.12	4.12	4.12
14	12.12	12.12	12.12
15	4.11	4.11	4.11
16	0.00	0.00	0.00
17	12.13	12.13	12.13
18	4.12	4.12	4.12
19	12.12	12.12	12.12
20	3.23	3.22	3.22
IC901 SAA7317			
1	0.00	0.00	0.00
2	0.00	0.00	0.00

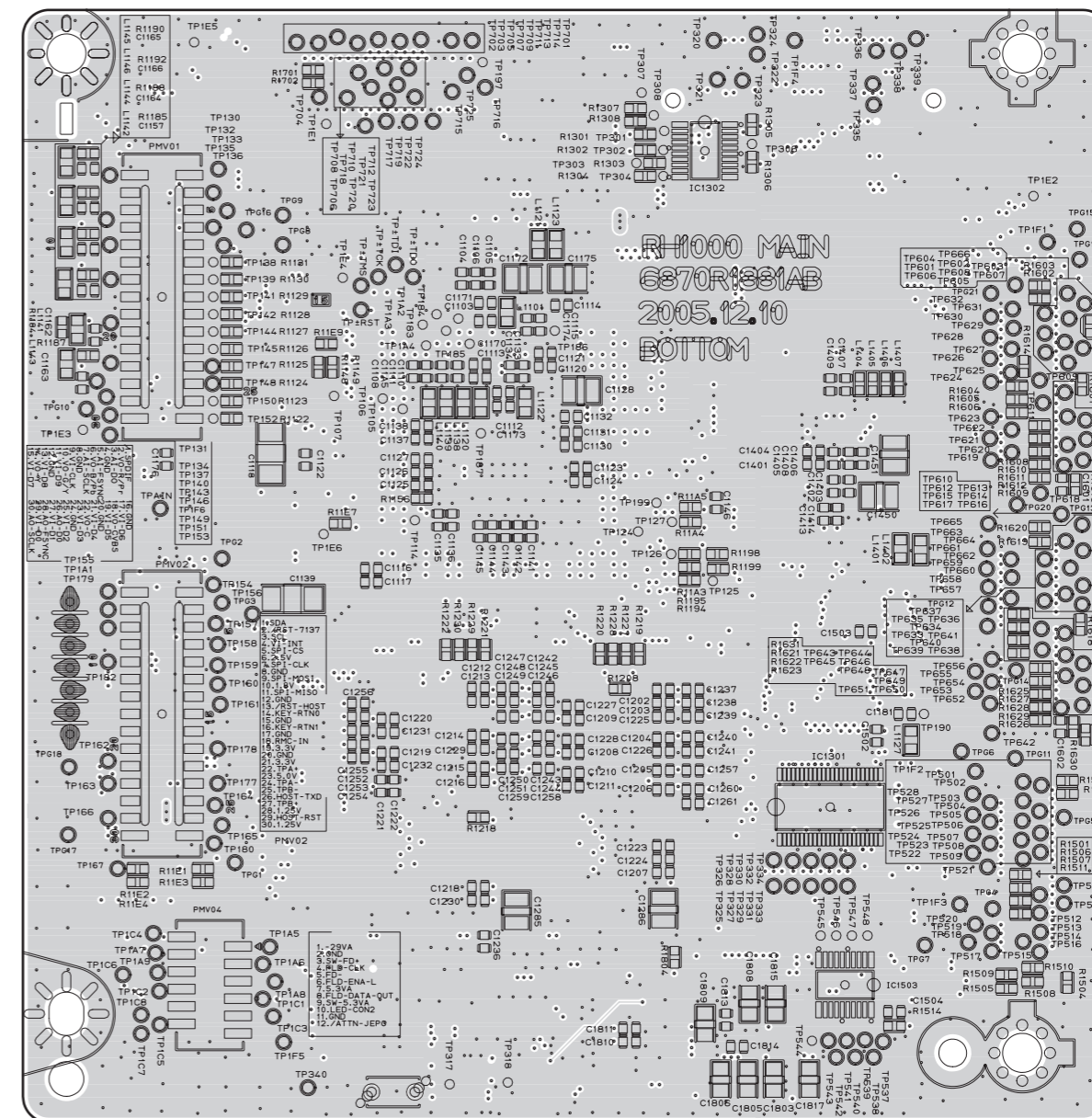
MODE PIN NO.	EE	PB	REC
3	1.88	1.87	1.87
4	2.94	2.96	2.95
5	2.94	2.96	2.94
6	2.94	2.96	2.94
7	2.94	2.96	2.94
8	2.94	2.96	2.94
9	2.94	2.95	2.94
10	1.13	1.13	1.16
11	0.00	0.00	0.00
12	2.95	2.97	2.95
13	0.00	0.00	0.00
14	2.94	2.96	2.93
15	0.17	0.89	0.37
16	0.17	0.75	0.37
17	0.57	1.90	0.59
18	0.57	0.40	0.63
19	0.58	0.78	0.71
20	0.00	0.99	2.36
21	2.94	2.96	2.94
22	0.00	0.00	0.00
23	0.00	0.00	0.00
24	2.94	2.96	2.93
25	0.58	0.60	0.57
26	0.58	0.57	0.57
27	0.57	0.47	0.47
28	1.00	1.00	1.00
29	2.94	2.96	2.93
30	0.00	0.00	0.00
31	1.88	1.87	1.87
32	0.00	0.01	0.01
33	0.00	0.01	0.01
34	2.94	2.96	2.93
35	0.00	0.00	0.00
36	0.00	0.00	0.00
37	0.00	0.00	0.00
38	2.94</		

PRINTED CIRCUIT DIAGRAMS

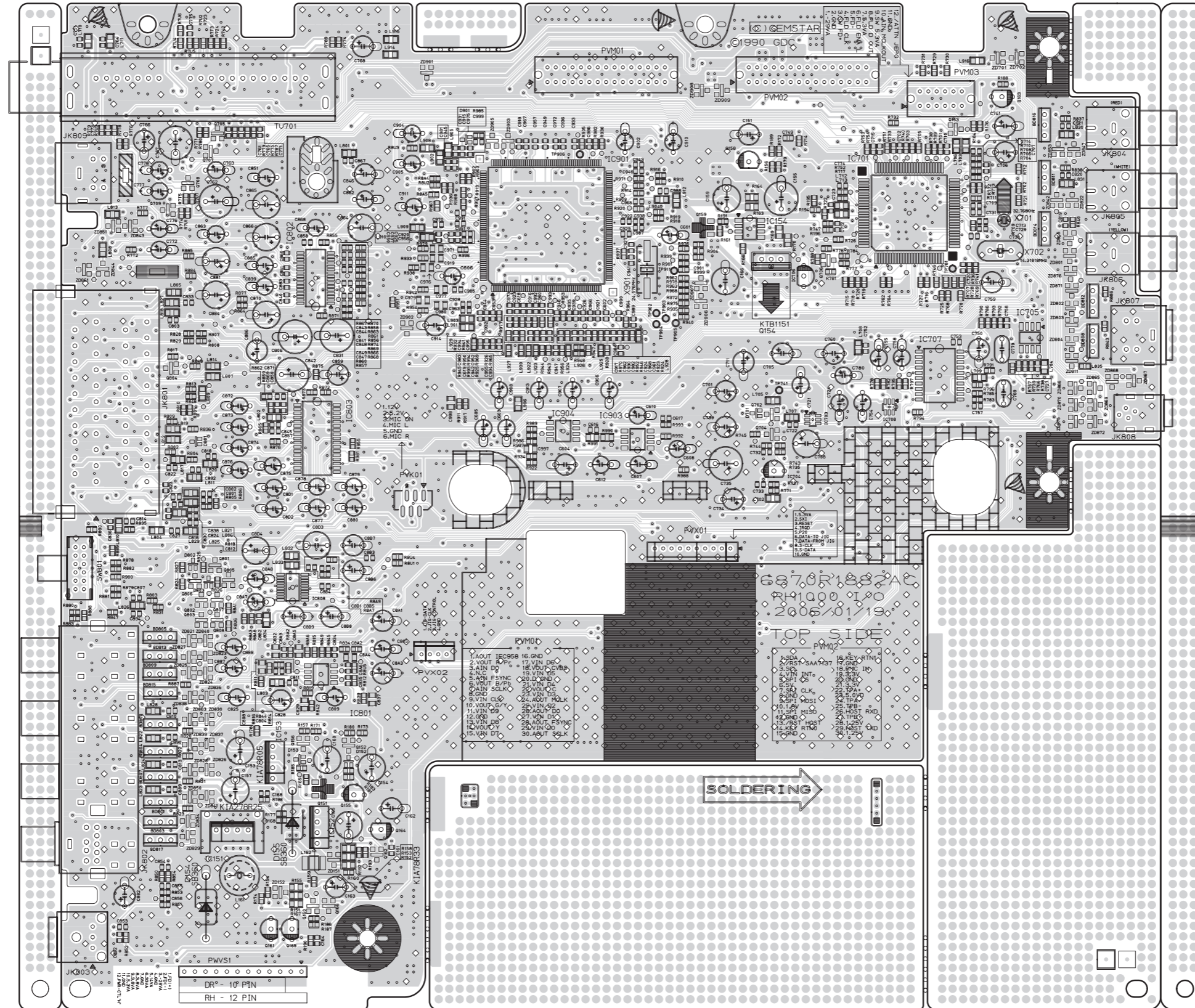
1. MAIN P.C.BOARD (TOP VIEW)



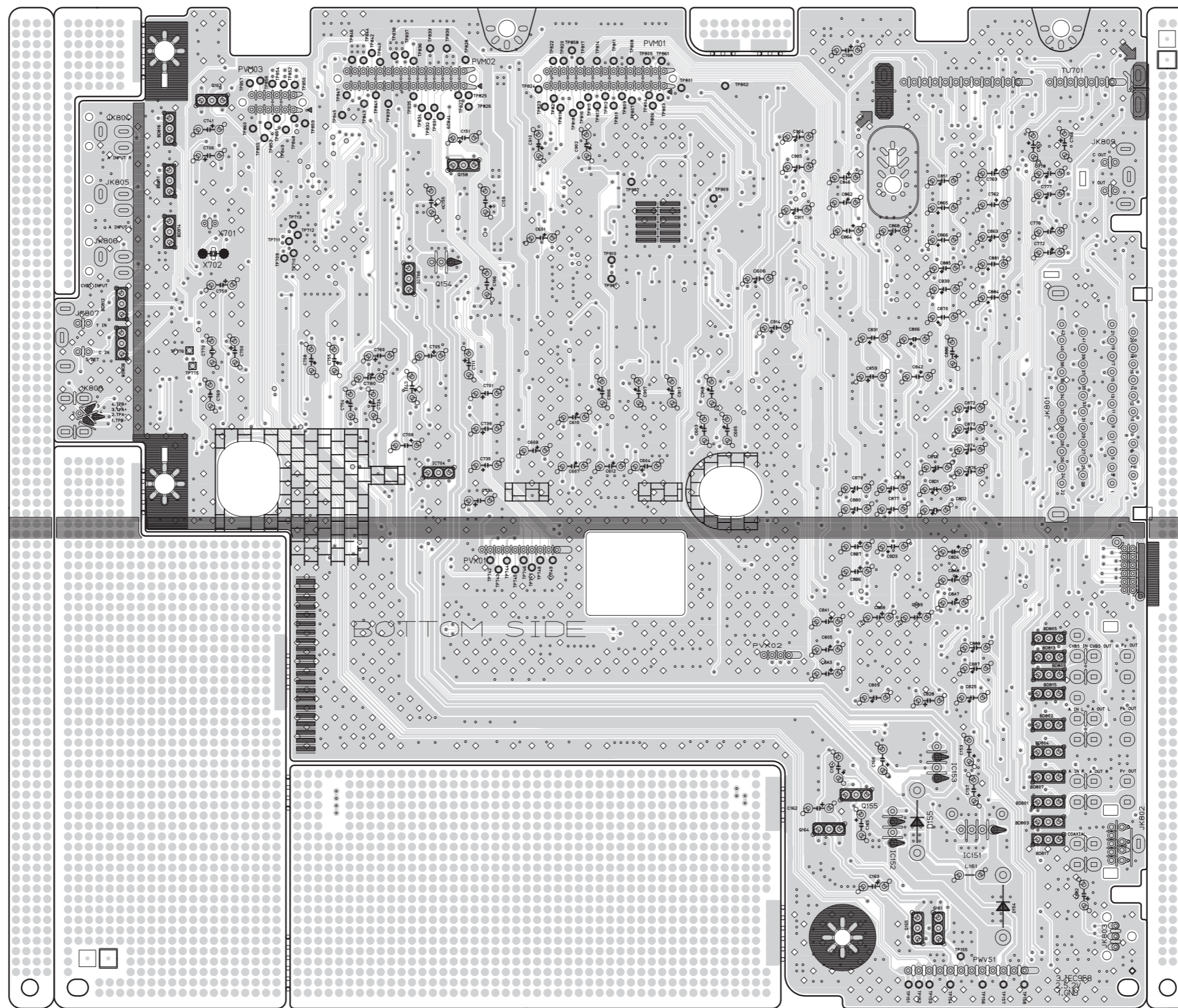
(BOTTOM VIEW)



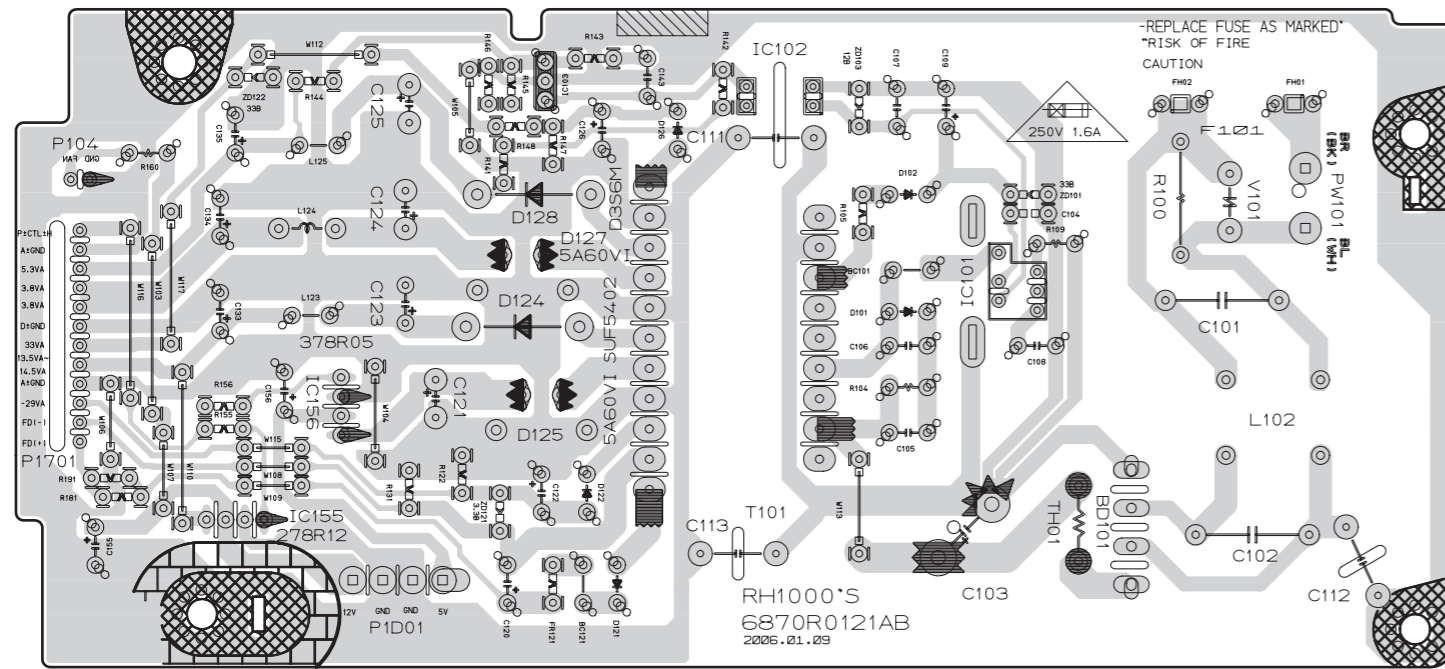
2. I/O P.C.BOARD
(TOP VIEW)



2. I/O P.C.BOARD (BOTTOM VIEW)

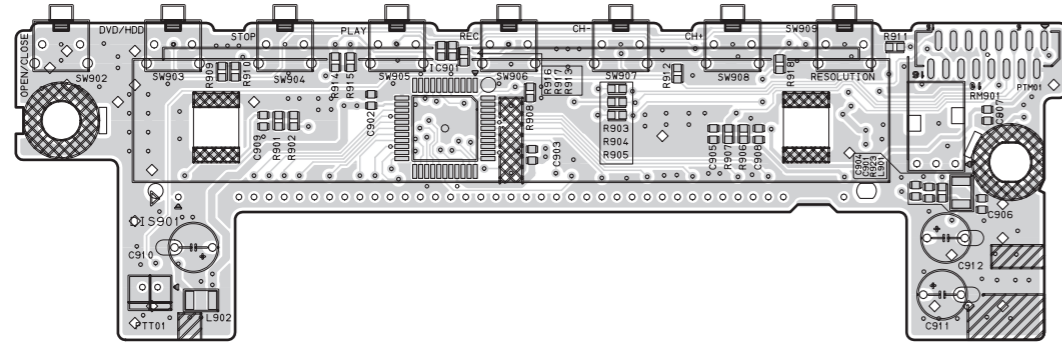


3. POWER P.C.BOARD

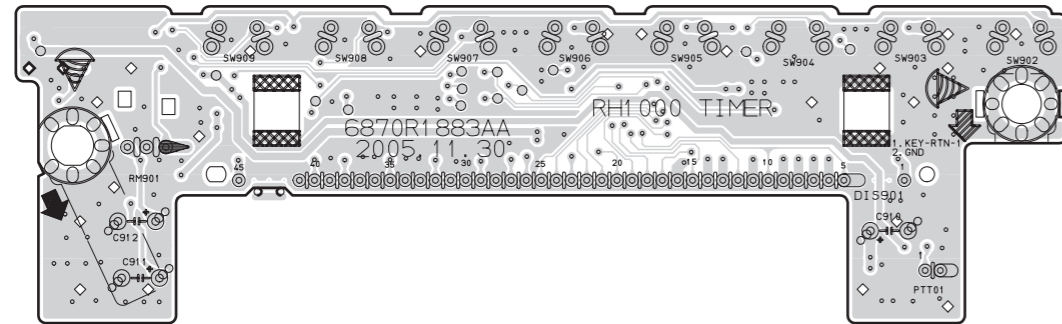


4. TIMER1 P.C.BOARD

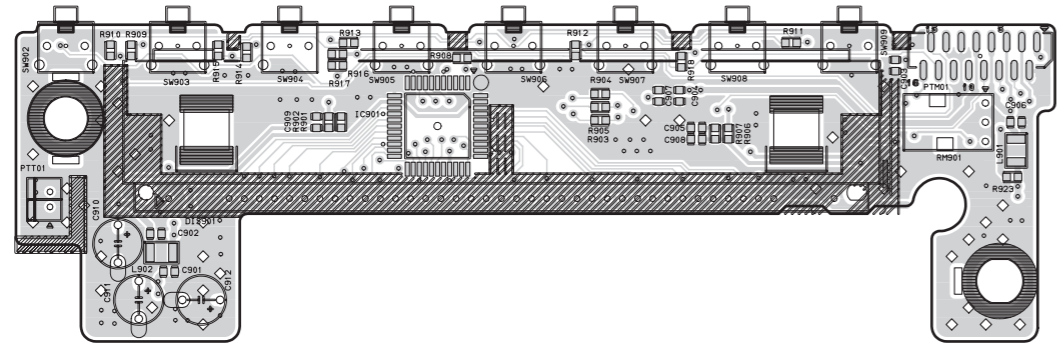
(6, 7, 8 TOOL)
(TOP VIEW)



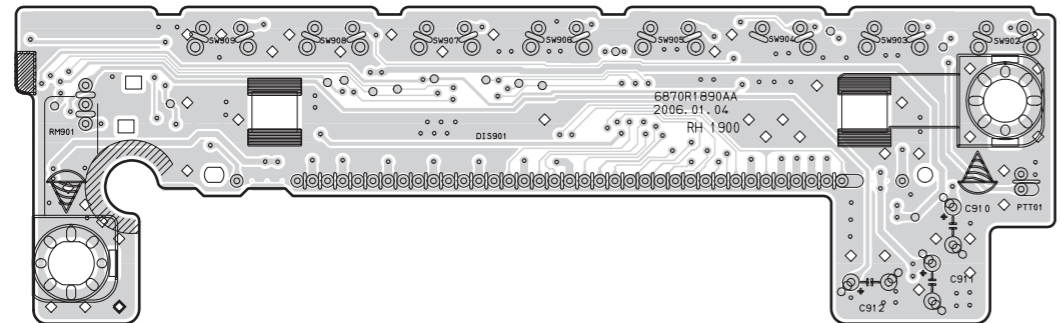
(BOTTOM VIEW)



(9TOOL)
(TOP VIEW)

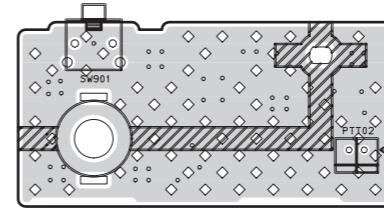


(BOTTOM VIEW)

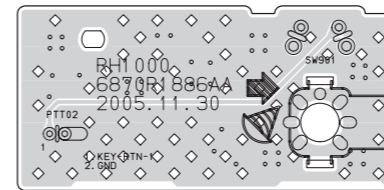


5. TIMER2 P.C.BOARD (6, 7, 8 TOOL)

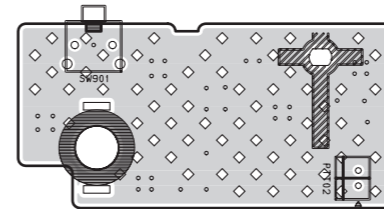
(6, 7, 8 TOOL)
(TOP VIEW)



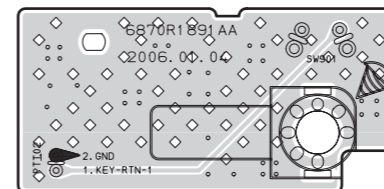
(BOTTOM VIEW)



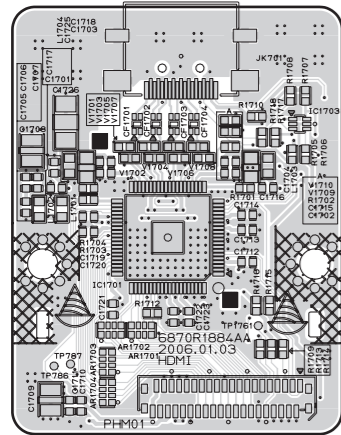
(9TOOL)
(TOP VIEW)



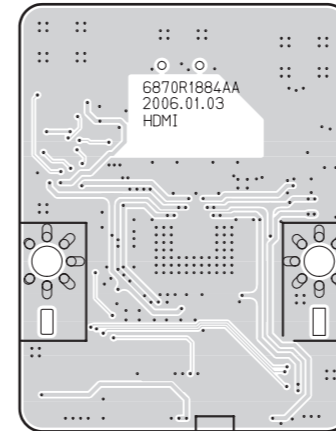
(BOTTOM VIEW)



**6. HDMI P.C.BOARD(OPTIONAL PARTS)
(TOP VIEW)**



(BOTTOM VIEW)



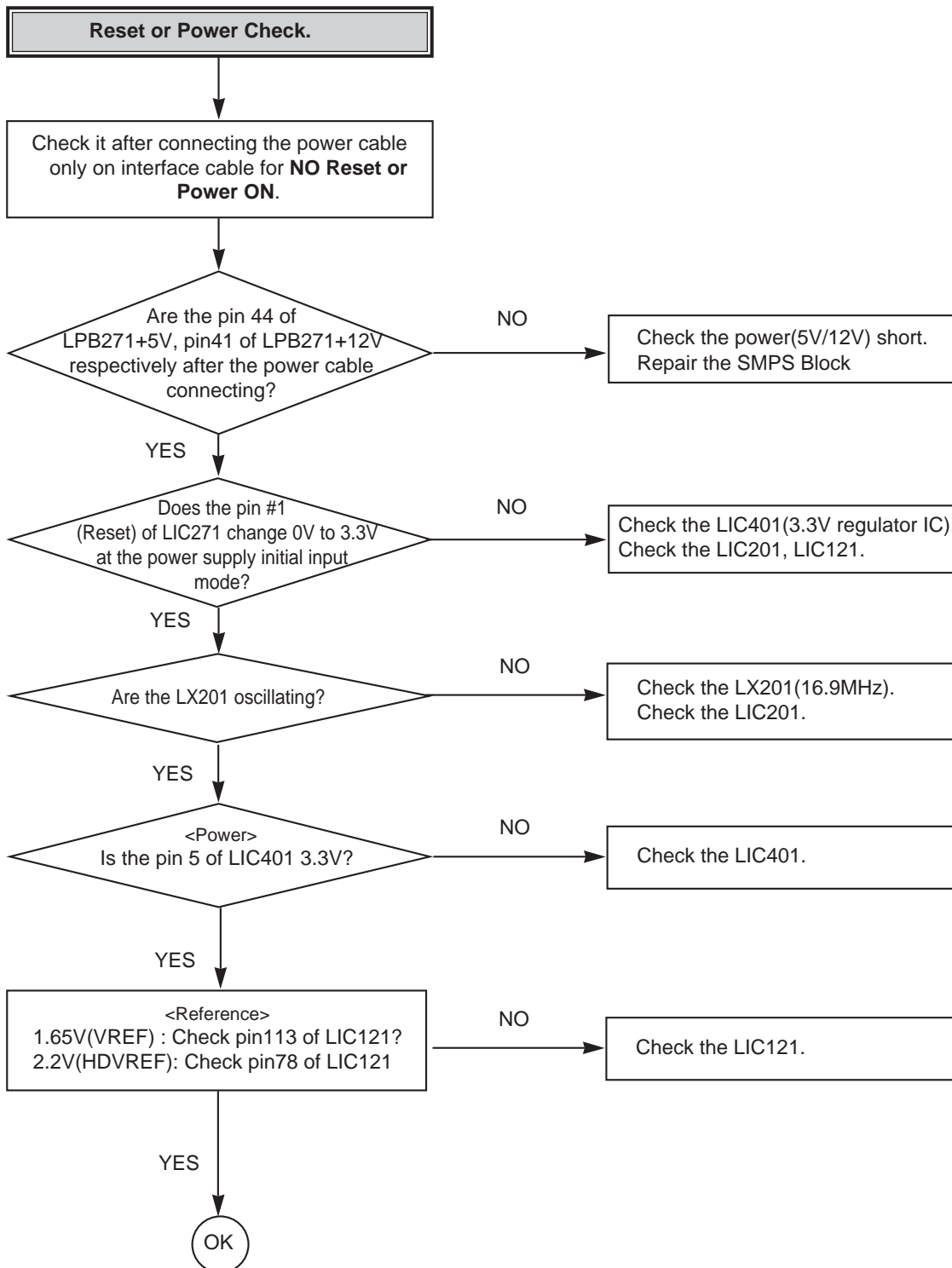
SECTION 4

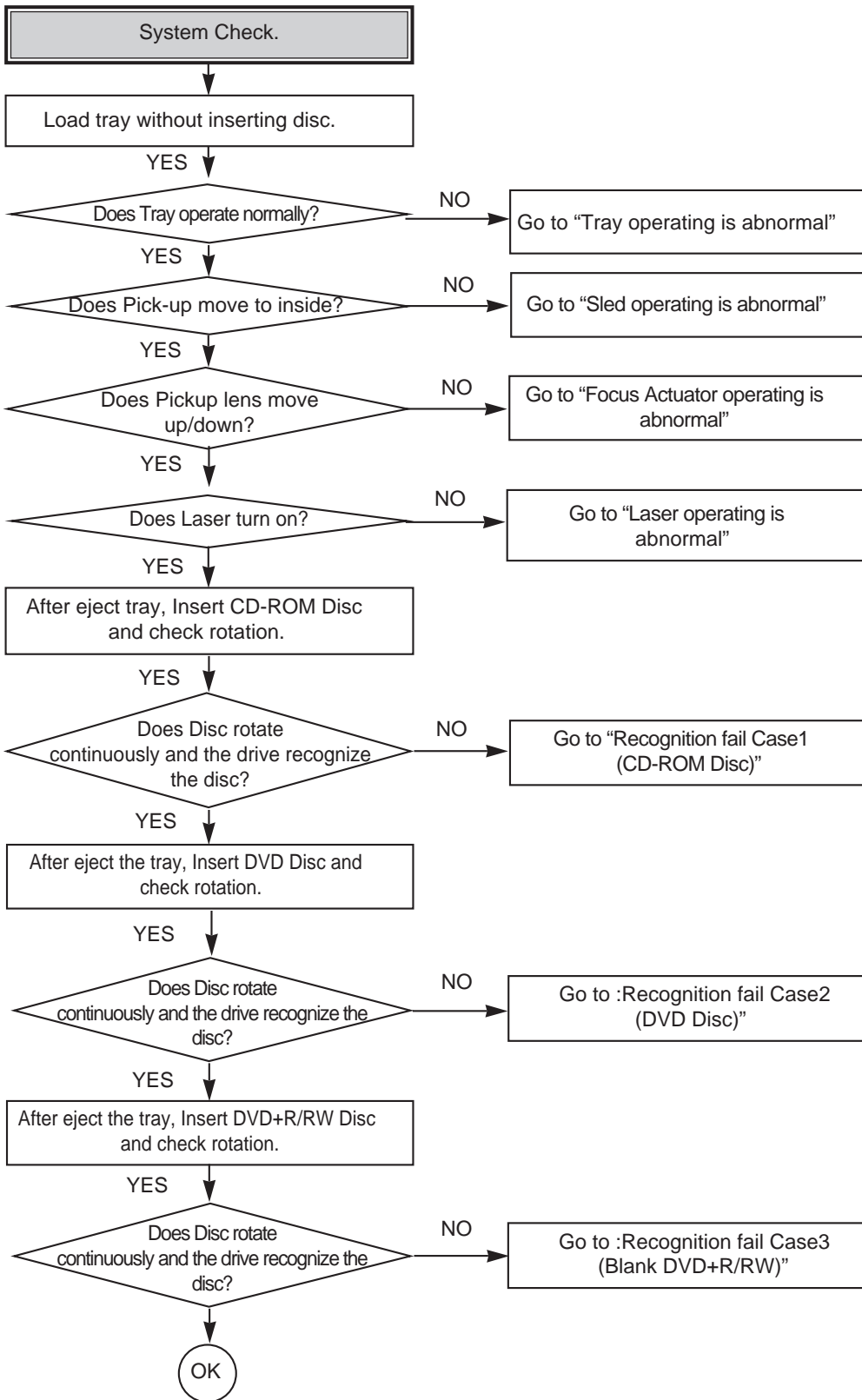
RS-01A LOADER PART

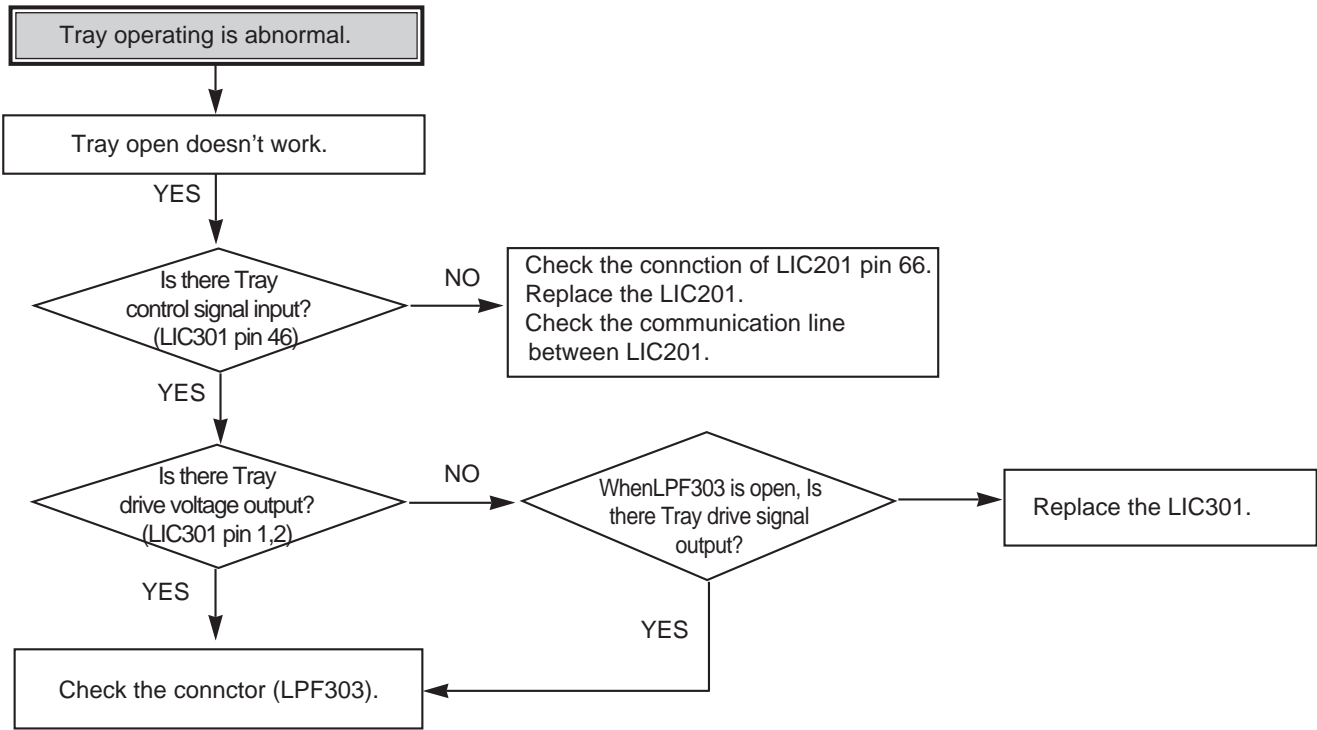
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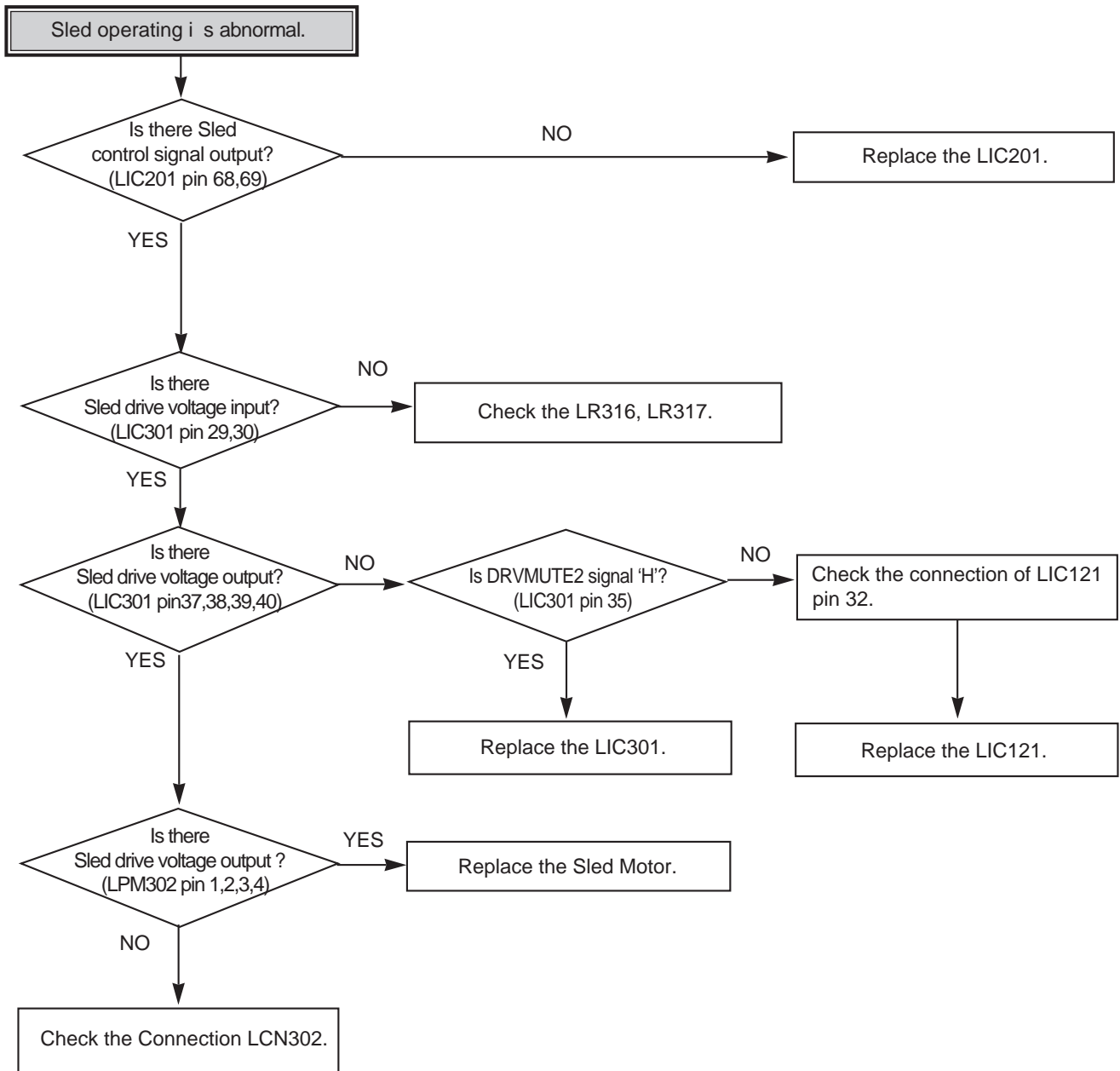
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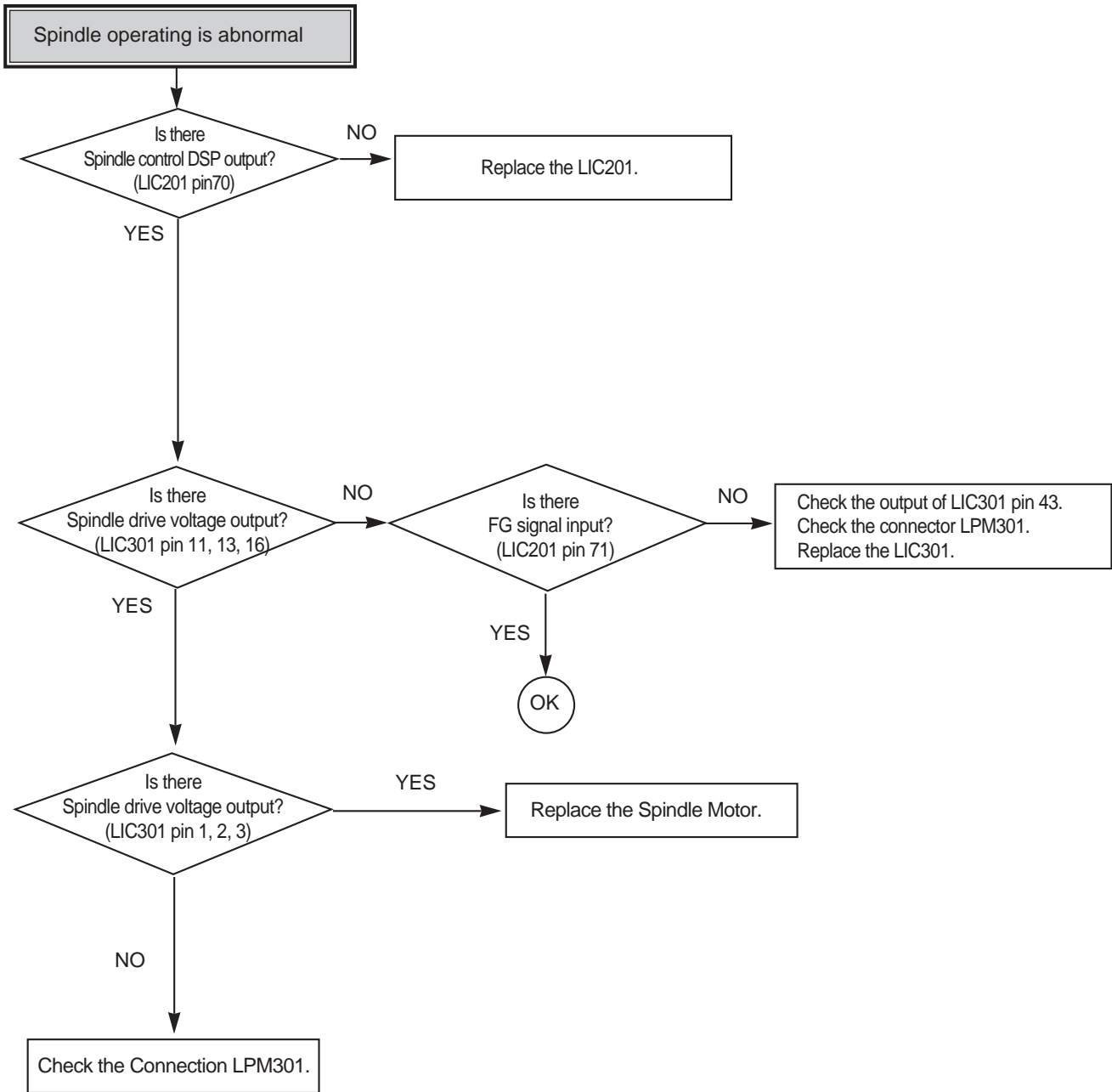
ELECTRICAL TROUBLESHOOTING GUIDE

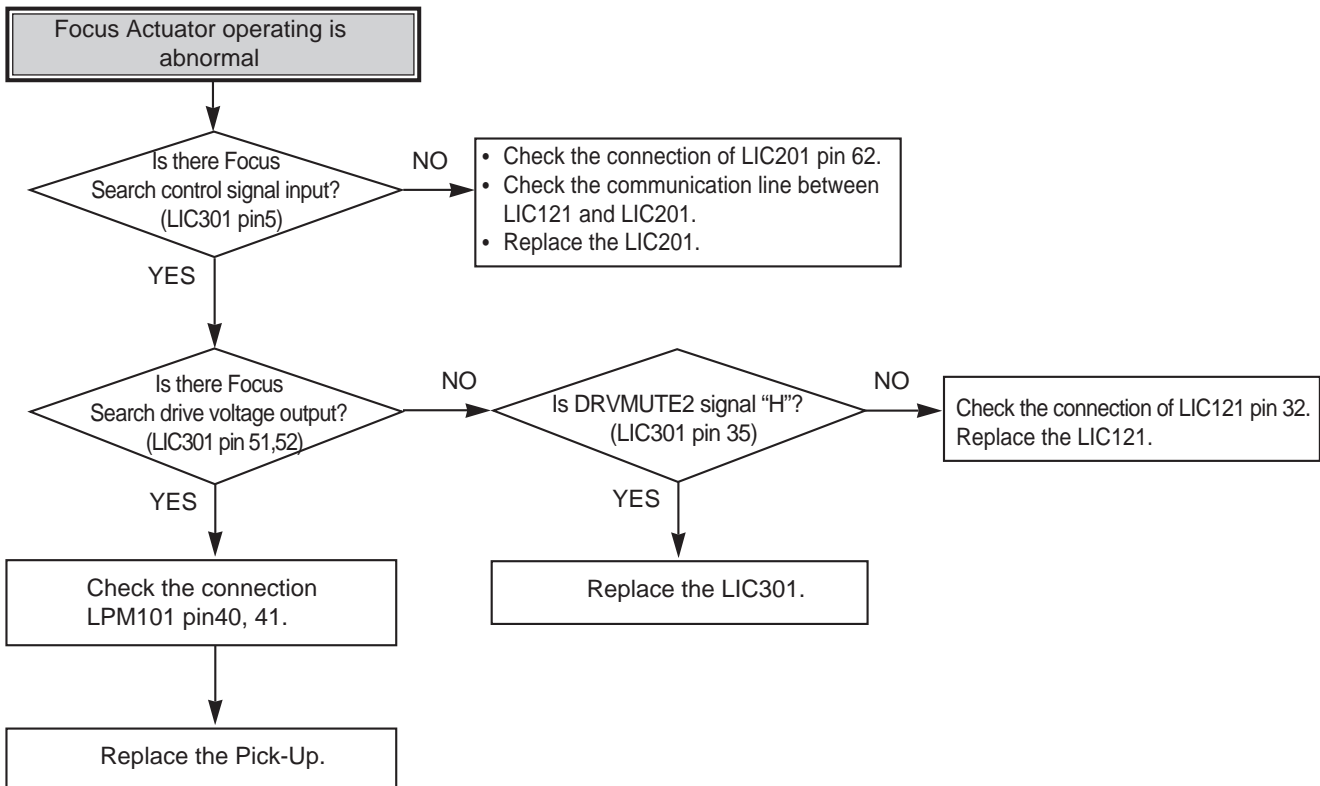
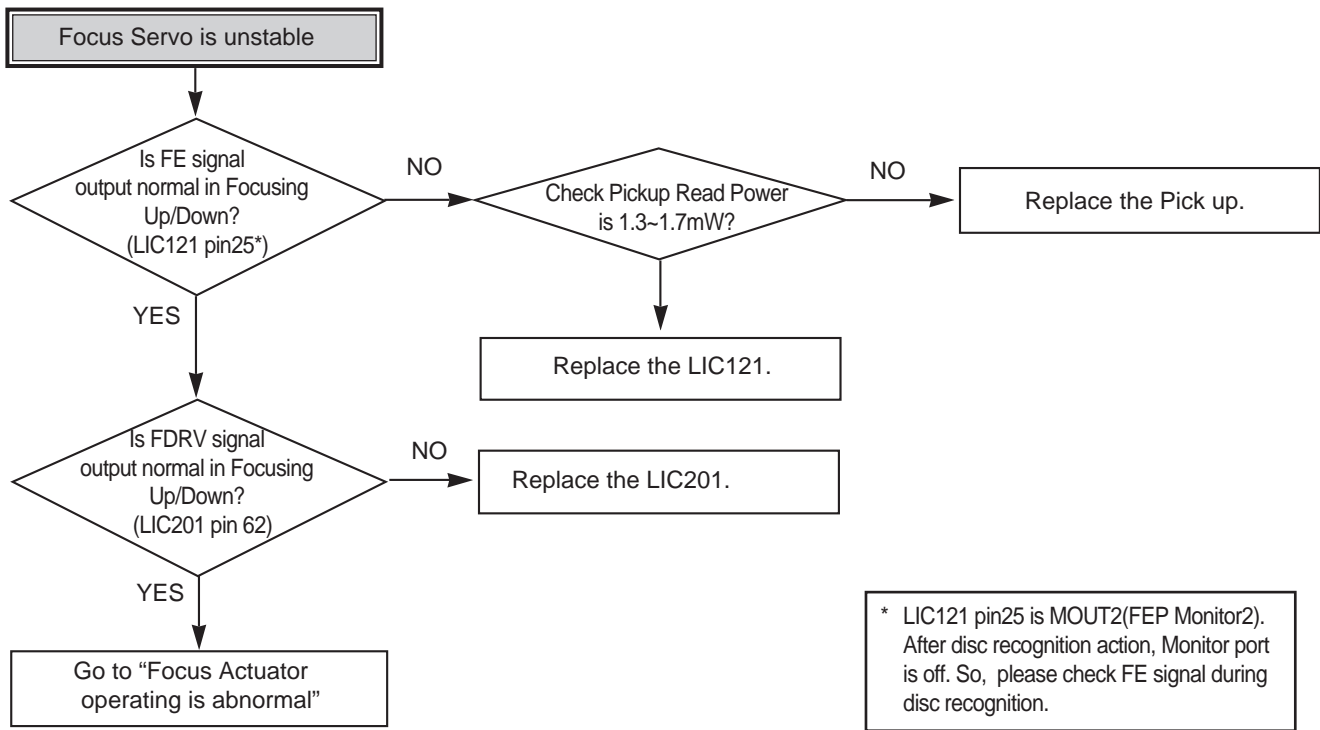


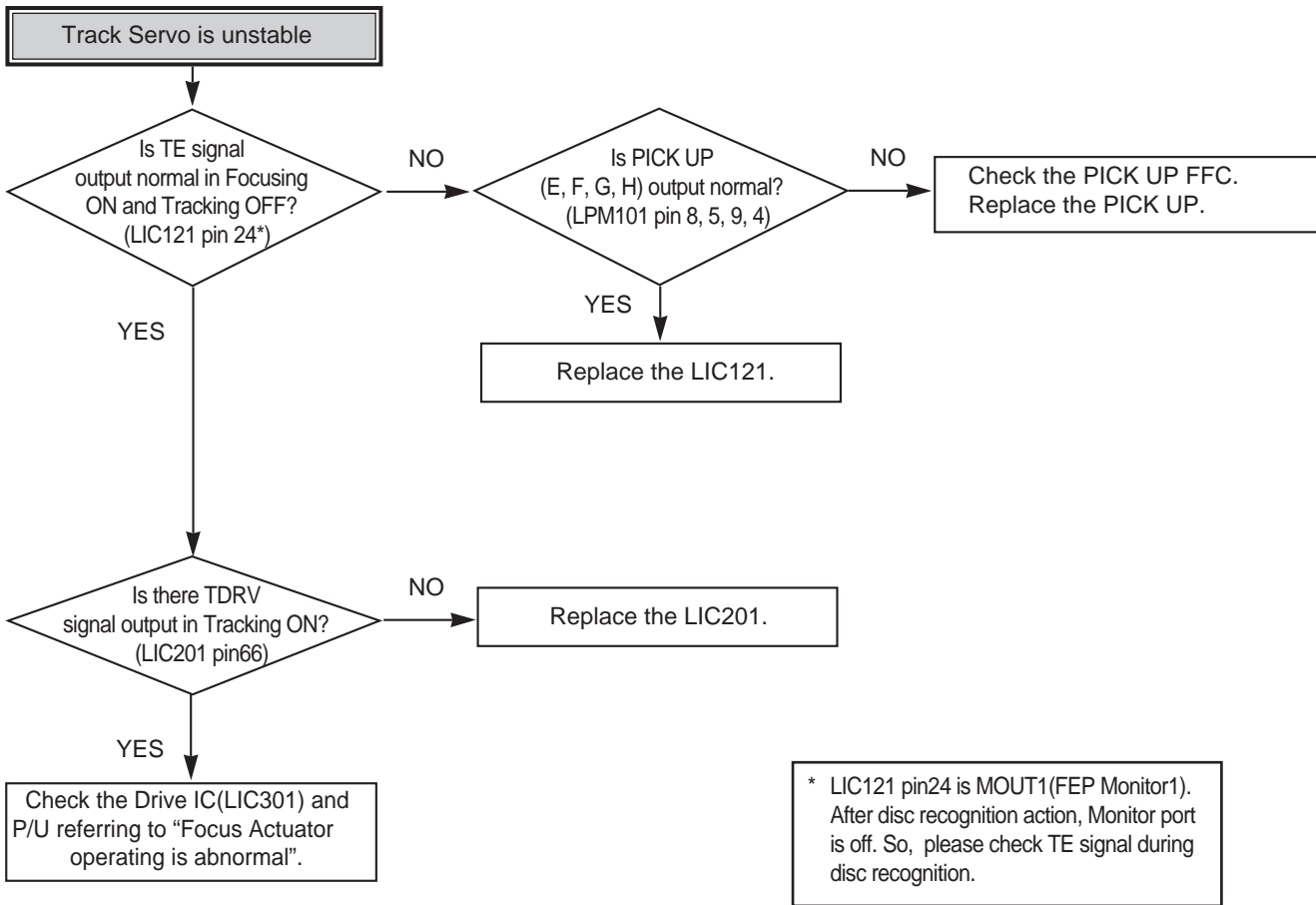


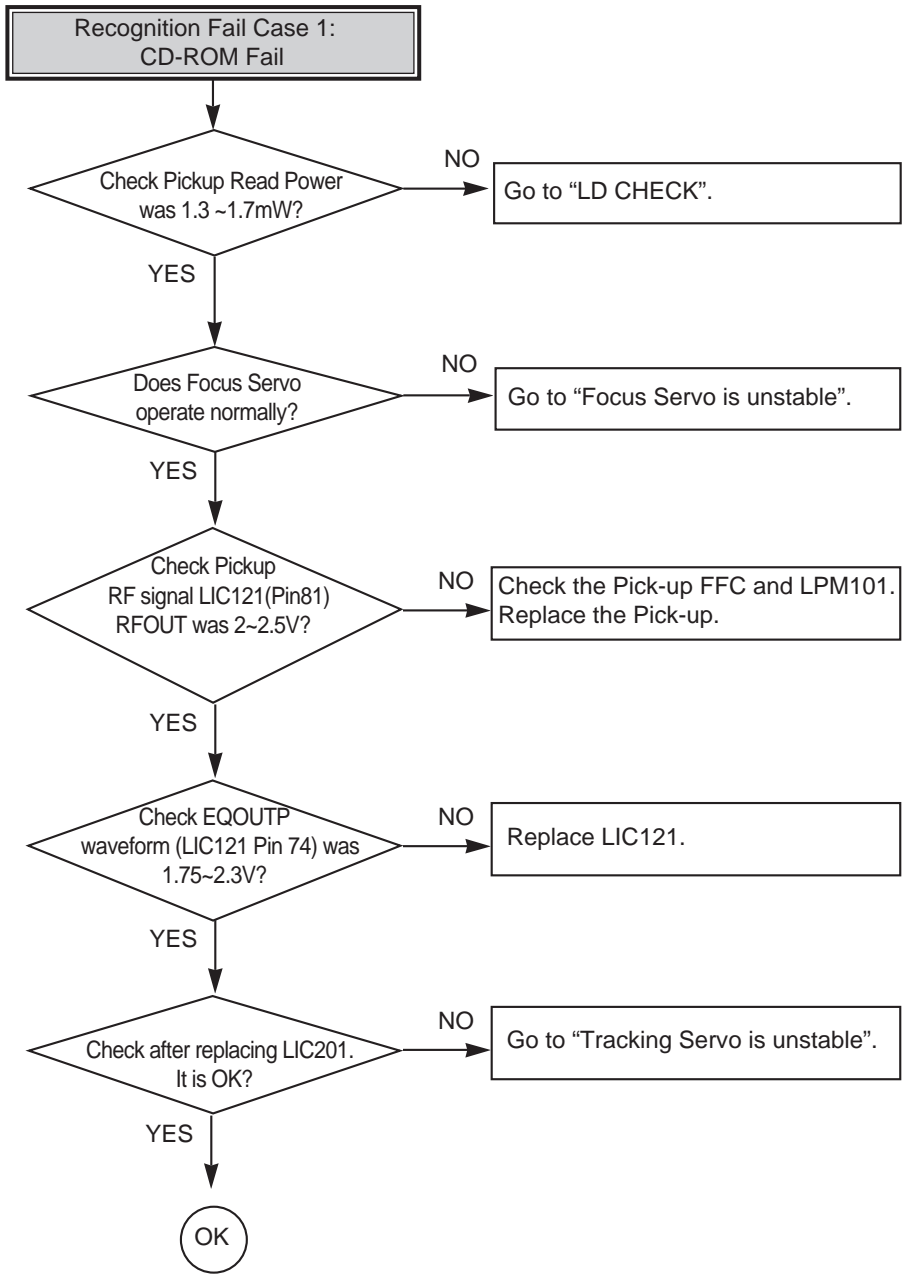


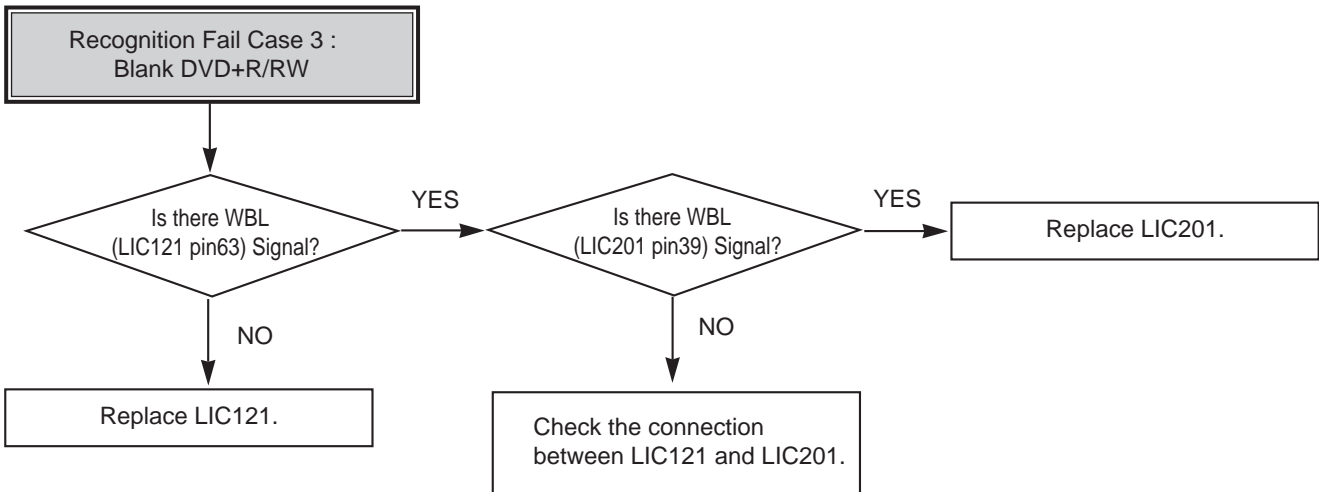
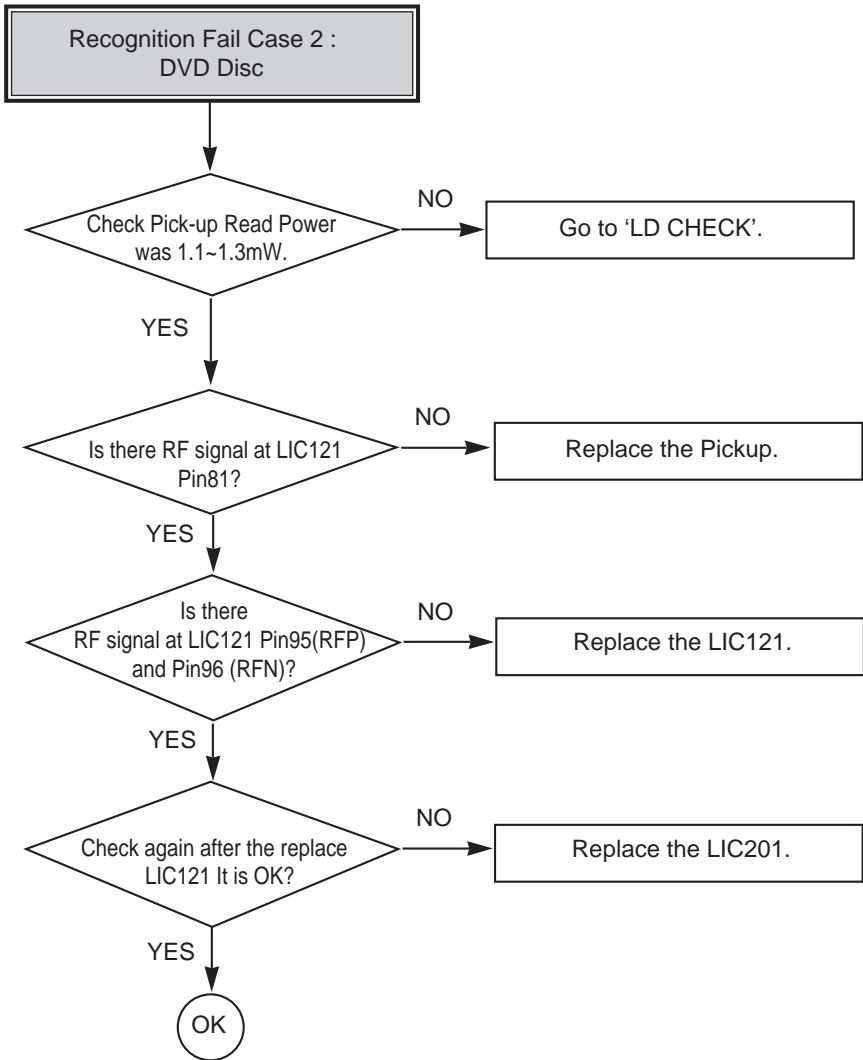




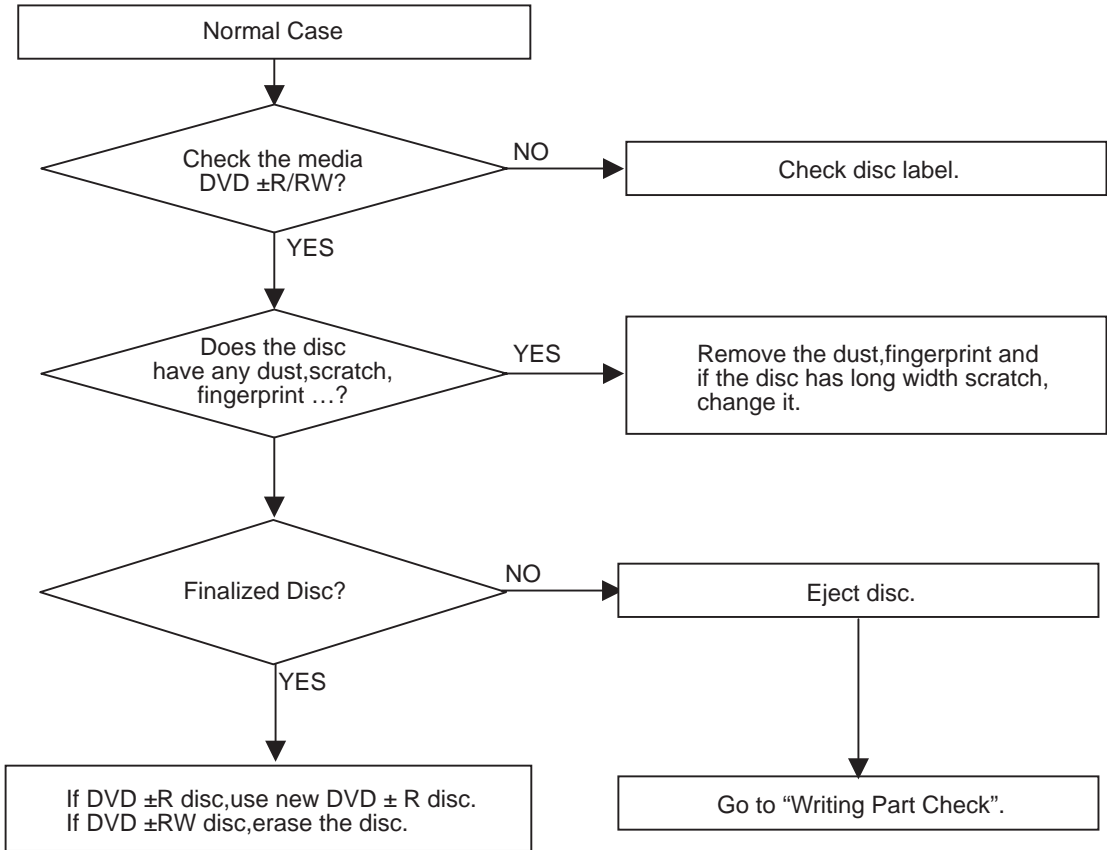


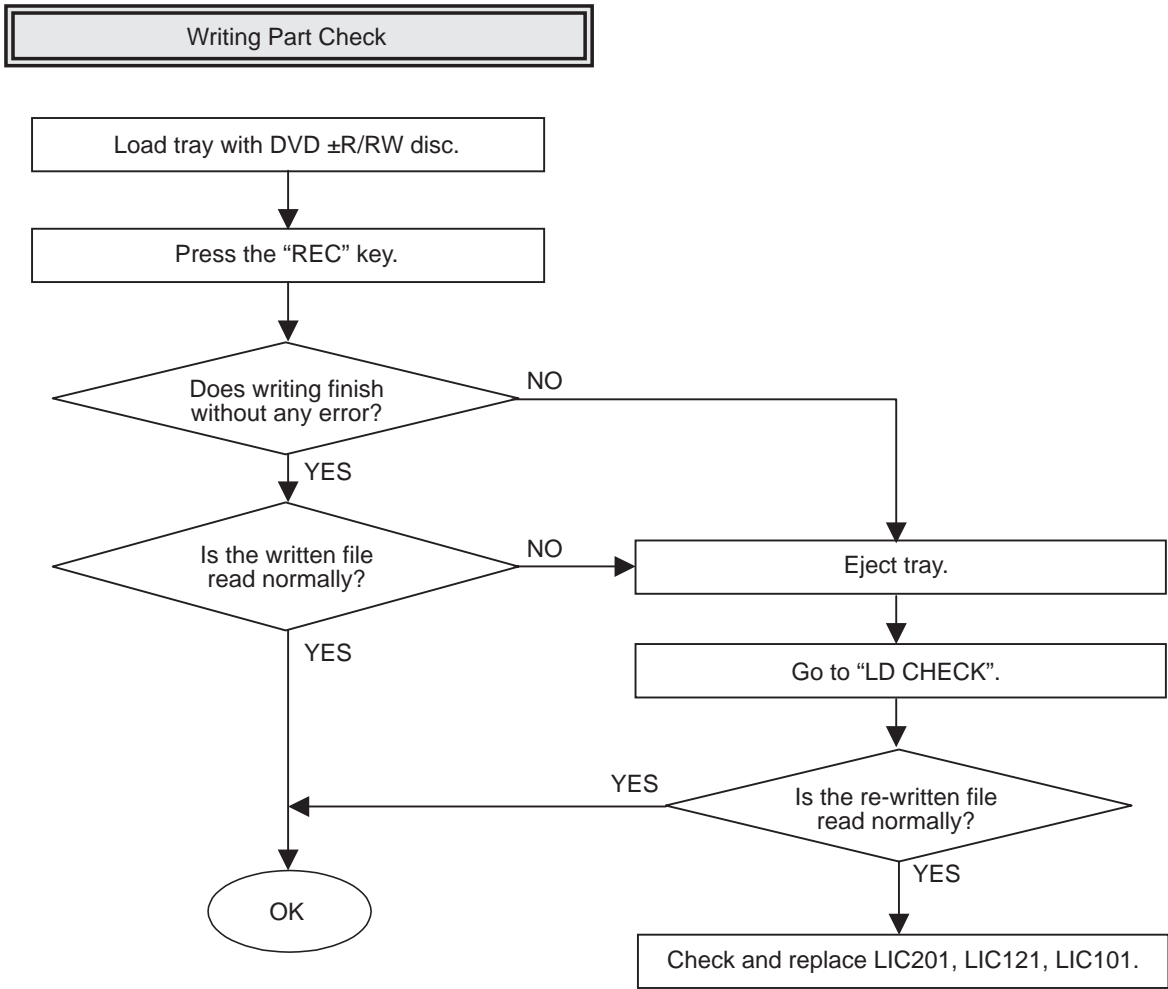


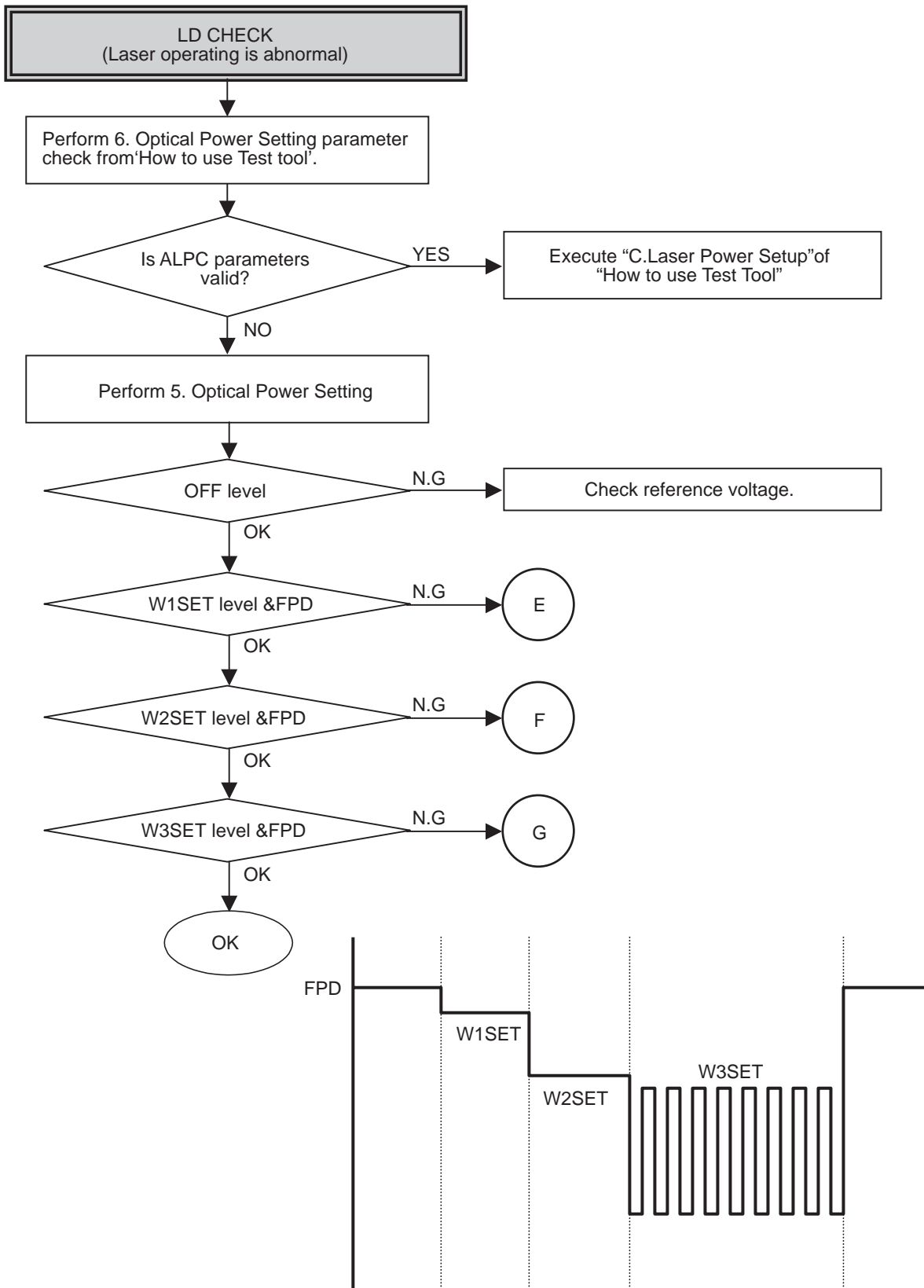


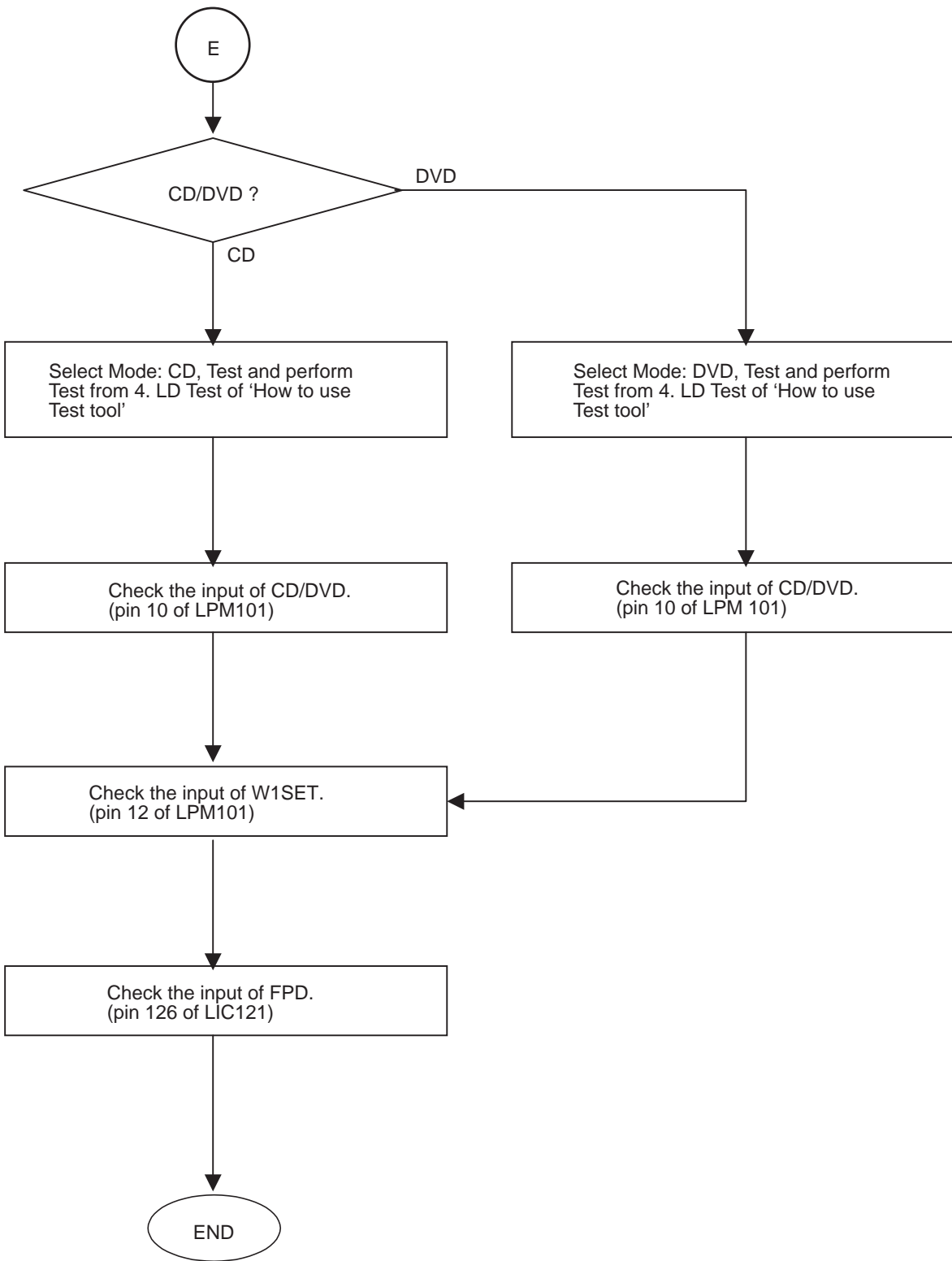


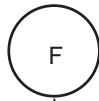
In case of writing fail.











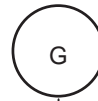
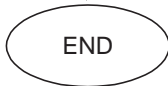
Select Mode: DVD, Test and perform Test from 4. LD Test of 'How to use Test tool'

Check the input of CD/DVD.
(pin 10 of LPM101)

Check the input of W2SET.
(pin 13 of LPM101)

Check the input of recording pulse.
(pin 19, 20, 21, 22,23,24 of LPM101)

Check the input of FPD.
(pin 126 of LIC121)



Select Mode: DVD, Test and perform Test from 4. LD Test of 'How to use Test tool'

Check the input of CD/DVD.
(pin 10 of LPM101)

Check the input of W3SET.
(pin 14 of LPM101)

Check the input of recording pulse.
(pin 19, 20, 21, 22, 23, 24 of LPM101)

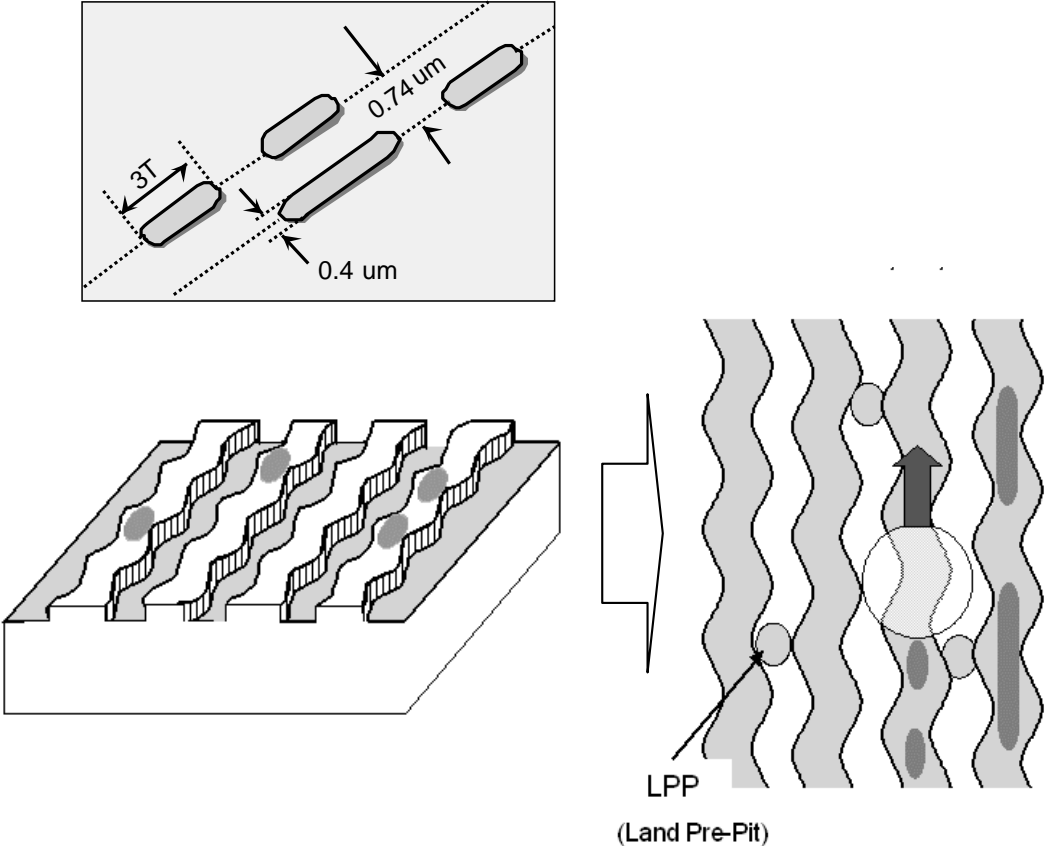
Check the input of FPD.
(pin 126 of LIC121)



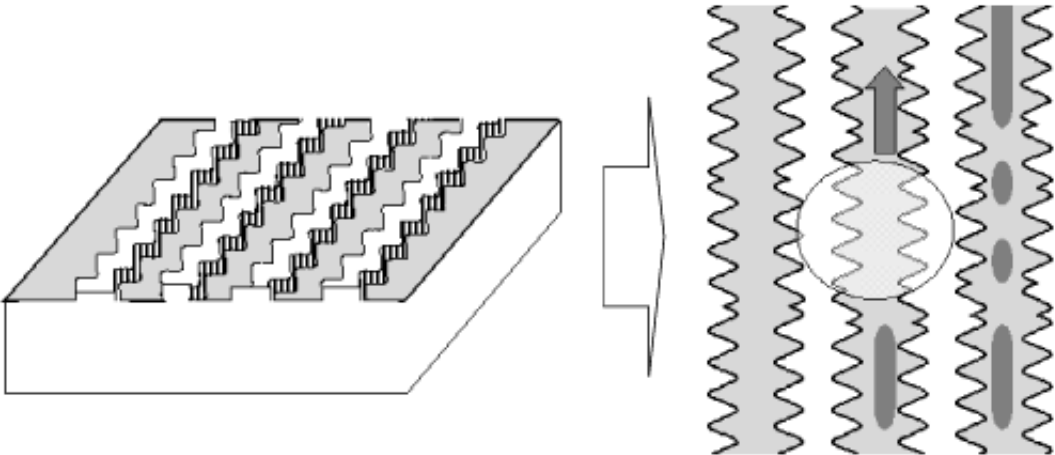
THE DIFFERENCE OF DVD-R/RW, DVD+R/RW DISCS AND DVD-ROM

1. RECORDING LAYER

- DVD-ROM (Read Only Disc)



- DVD+R/RW Disc



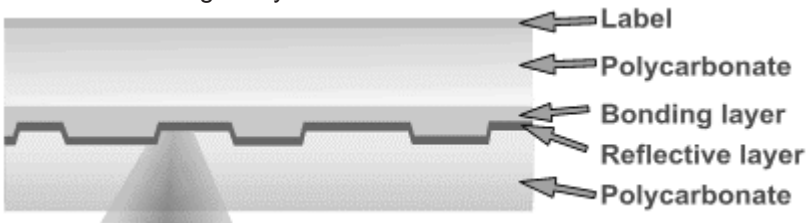
2. DISC SPECIFICATION

	DVD-ROM		DVD-R	DVD-RW	DVD+R	DVD+RW
	Single-Layer	Dual-Layer				
Media Type	Read Only	Read Only	Dye	Phase change	Dye	Phase change
User data capacity	4.7GB	8.54GB	4.7GB	4.7GB	4.7GB	4.7GB
Wavelength	650nm	650nm	650nm	650nm	650nm	650nm
Reflectivity	45~85%	18~30%	45~85%	18~30%	45~85%	18~30%
Track pitch	0.74 μ m	0.74 μ m	0.74 μ m	0.74 μ m	0.74 μ m	0.74 μ m
Minimum pit length	0.4 μ m	0.4 μ m	0.4 μ m	0.4 μ m	0.4 μ m	0.4 μ m
Modulation	>0.6	>0.6	>0.6	>0.6	>0.6	>0.6
Channel bit-rate	26.16MHz	26.16MHz	26.16MHz	26.16MHz	26.16MHz	26.16MHz
Wobble Frequency	–	–	140KHz	140KHz	817.4KHz	817.4KHz
Addressing	26.16MHz	26.16MHz	Wobble & LPP	Wobble & LPP	Wobble(ADIP)	Wobble(ADIP)
Read Power (mW)					0.7 \pm 0.1	0.7 \pm 0.1
Write Power (mW)	–					
Jitter	<8%	<8%	<8%	<8%	<9%	<9%

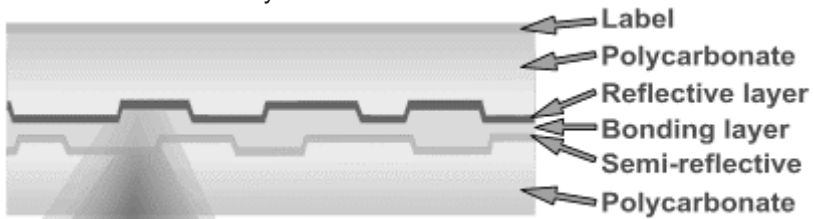
3. DISC MATERIALS

1) DVD-ROM

< Single Layer >



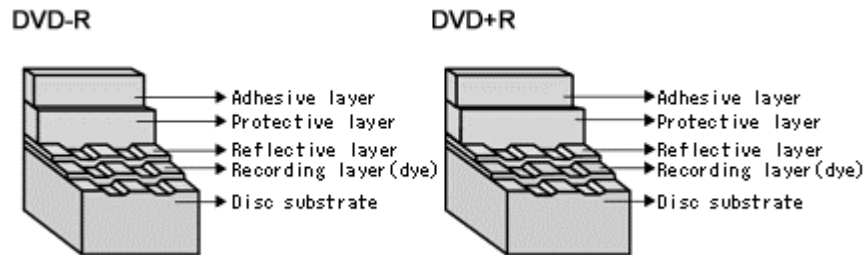
< Dual Layer >



2) Recording format using organic dye material (DVD-R / DVD+R)

The format that records data through the creation of recorded marks by changing the organic dye material with a laser beam.

► Disc structure



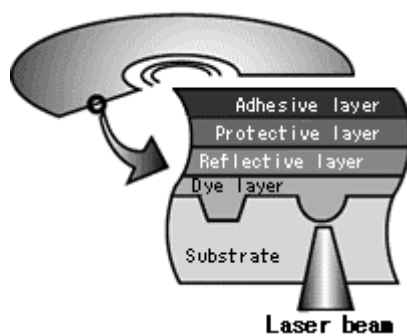
► Recording principles

[Recording]

Recording is done by changing the organic dye layer and the substrate with a laser. When a strong laser is applied to a disc, the temperature of the organic dye material goes up, the dye is decomposed and the substrate changes at the same time. At this time, a durable bit is created as is the case with a CD-ROM.

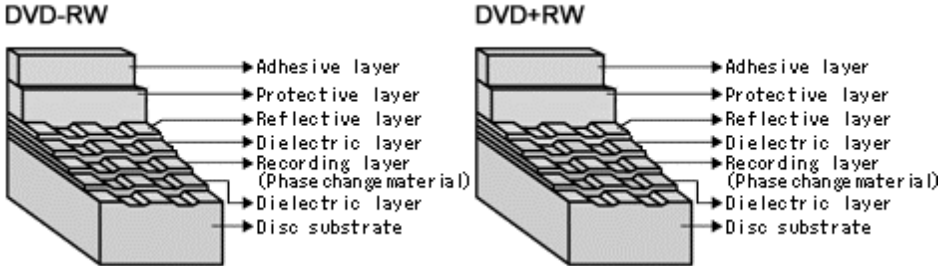
[Playback]

Signals are read with the differences of the reflection of a laser from pits.



3) Recording format using phase-change recording material (DVD-RW / DVD+RW)

- Data is recorded by changing the recording layer from the amorphous status to the crystalline status, and played back by reading the difference of the reflection coefficient.
Amorphous: Non-crystalline.
- ▶ Disc structure



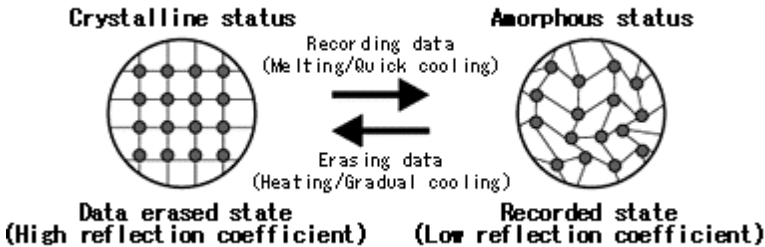
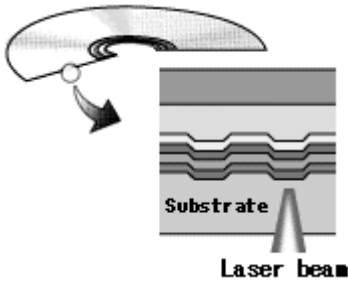
- ▶ Recording principles

[Recording]

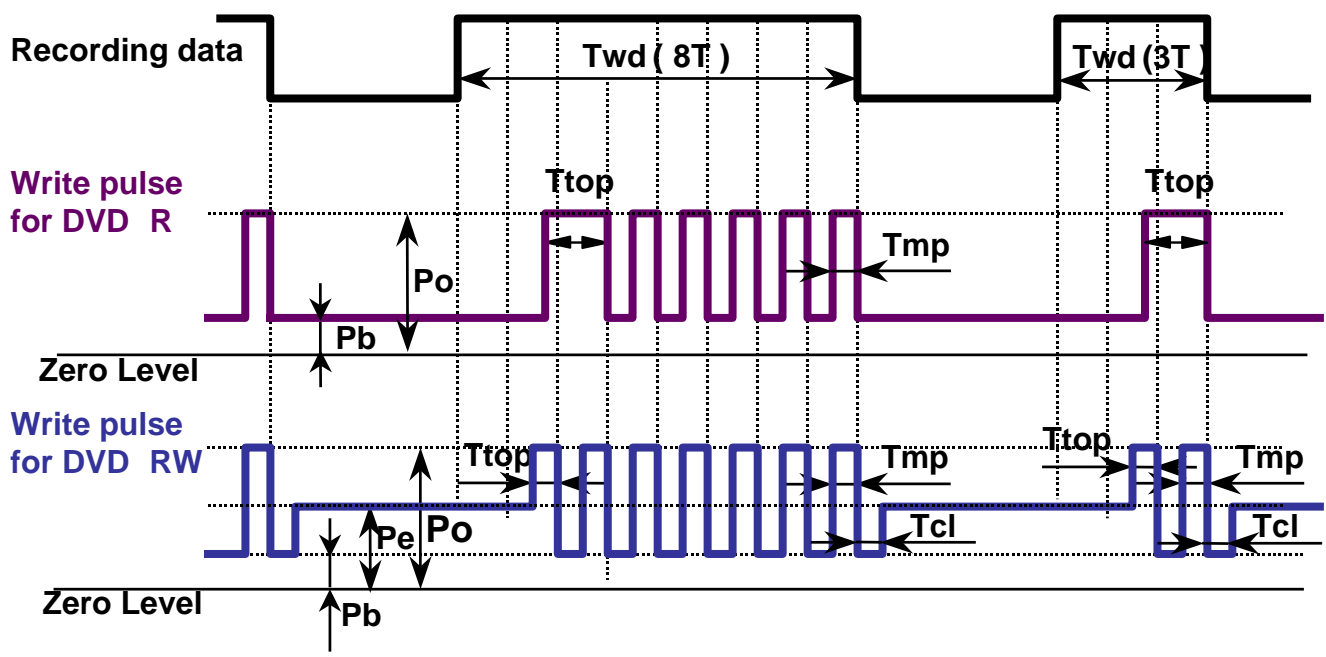
When a high-power laser is applied to the recording material, it melts and then becomes amorphous with a low reflection coefficient when it quickly cools off. When a mid-power laser is applied to heat gradually the recording material and then gradually cools it off, it becomes crystal with a high reflection coefficient.

[Playback]

A low-power laser is used for playback. The amount of reflected light depends on the status (amorphous or crystalline) of the recording material. This is detected by an optical sensor.



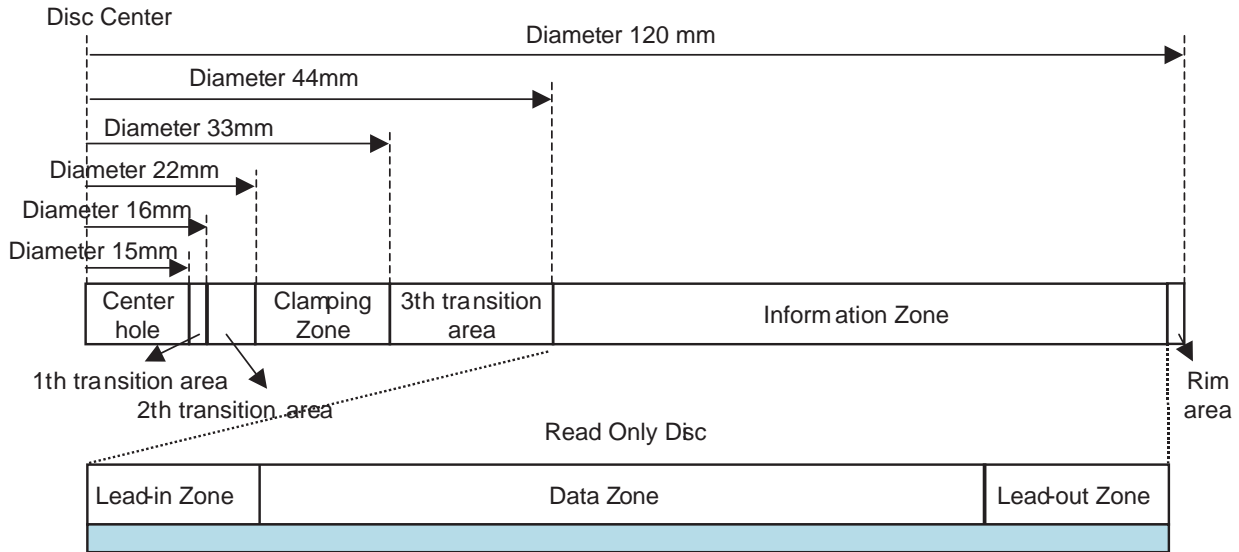
To make recordings, it is necessary to modulate the write pulse, which is called "Write Strategy". There can be many types in Write Strategy. Typically Write Strategy for DVD \pm R has NMP(Non Multi-Pulse) type and MP(Multi-Pulse) type. In NMP type each single mark is created by subsequent separated short pulses. In MP type each single mark is created by one continuous pulse. Write Strategy for DVD \pm RW has Type 1 and Type2. In Type 1 the mark with nT width is created by one top pulse and $(n-2)$ multi-pulses. Thus mark $3T$ is made by one top pulse and one multi-pulse. In Type 2 the mark with nT width is created by one top pulse and $(n-3)$ multi-pulses. Thus mark $3T$ is made by one top pulse only. RL-02A uses MP type Write Strategy for DVD \pm R and Type 1 for DVD \pm RW as shown below.



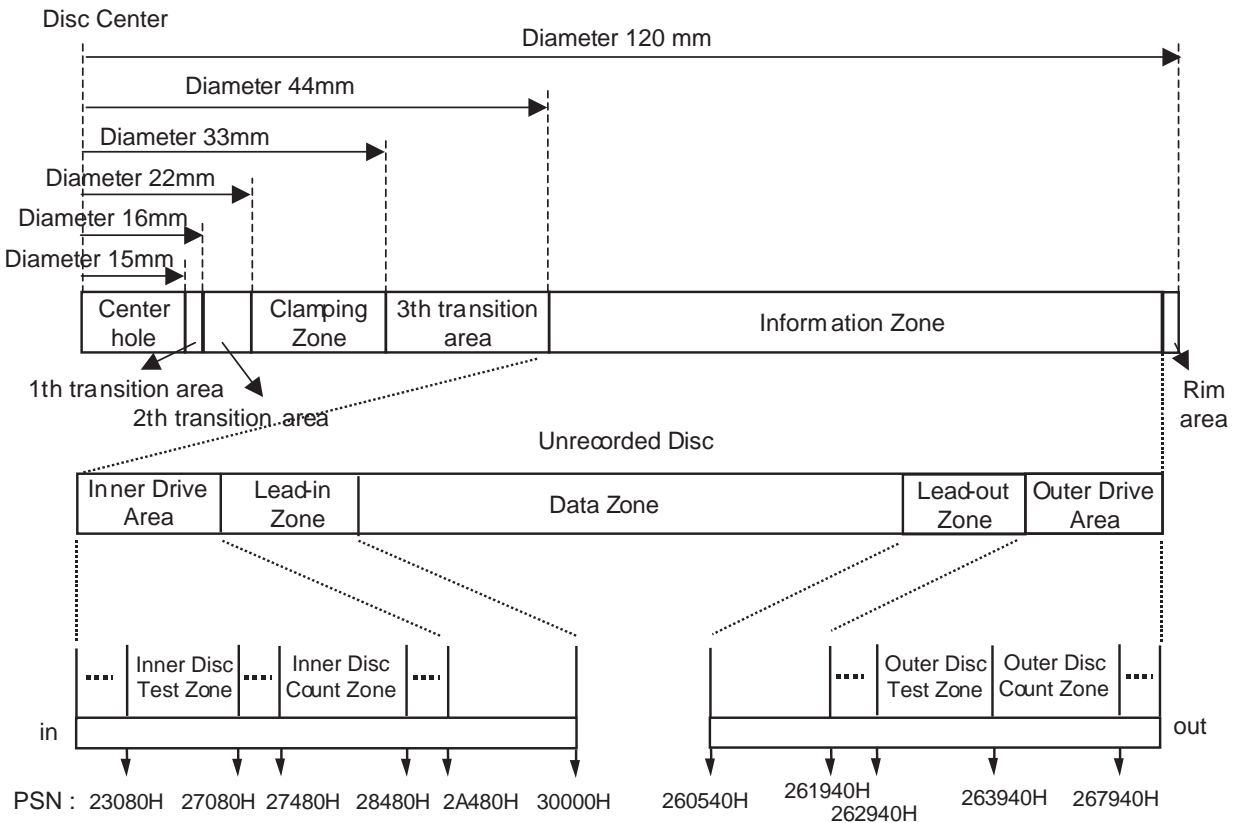
P_o :Write Power (Peak Power)
 P_e :Erase Power
 P_b :Bias Power

4. ORGANIZATION OF THE INNER DRIVE AREA, OUTER DRIVE AREA, LEAD-IN ZONE AND LEAD-OUT ZONE

1) Layout of DVD-R/DL disc



2) Layout of DVD+R disc



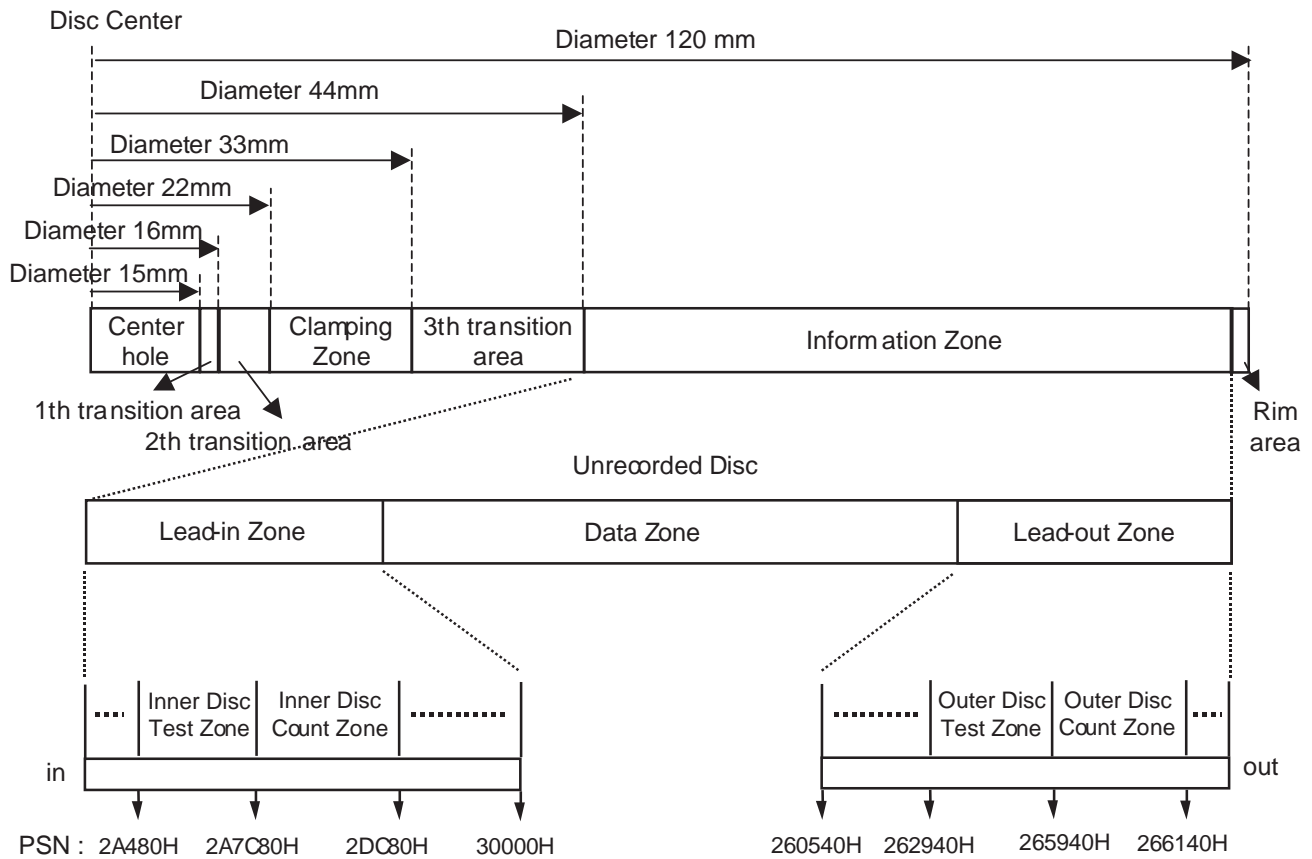
Inner Disc Test Zone : for performing OPC procedures.

Inner Disc Count Zone : For counting the number of OPC algorithm performed in IDT Zone.

Outer Disc Test Zone : for performing OPC procedures.

Outer Disc Count Zone : For counting the number of OPC algorithm performed in IDT Zone.

3) Layout of DVD+RW disc



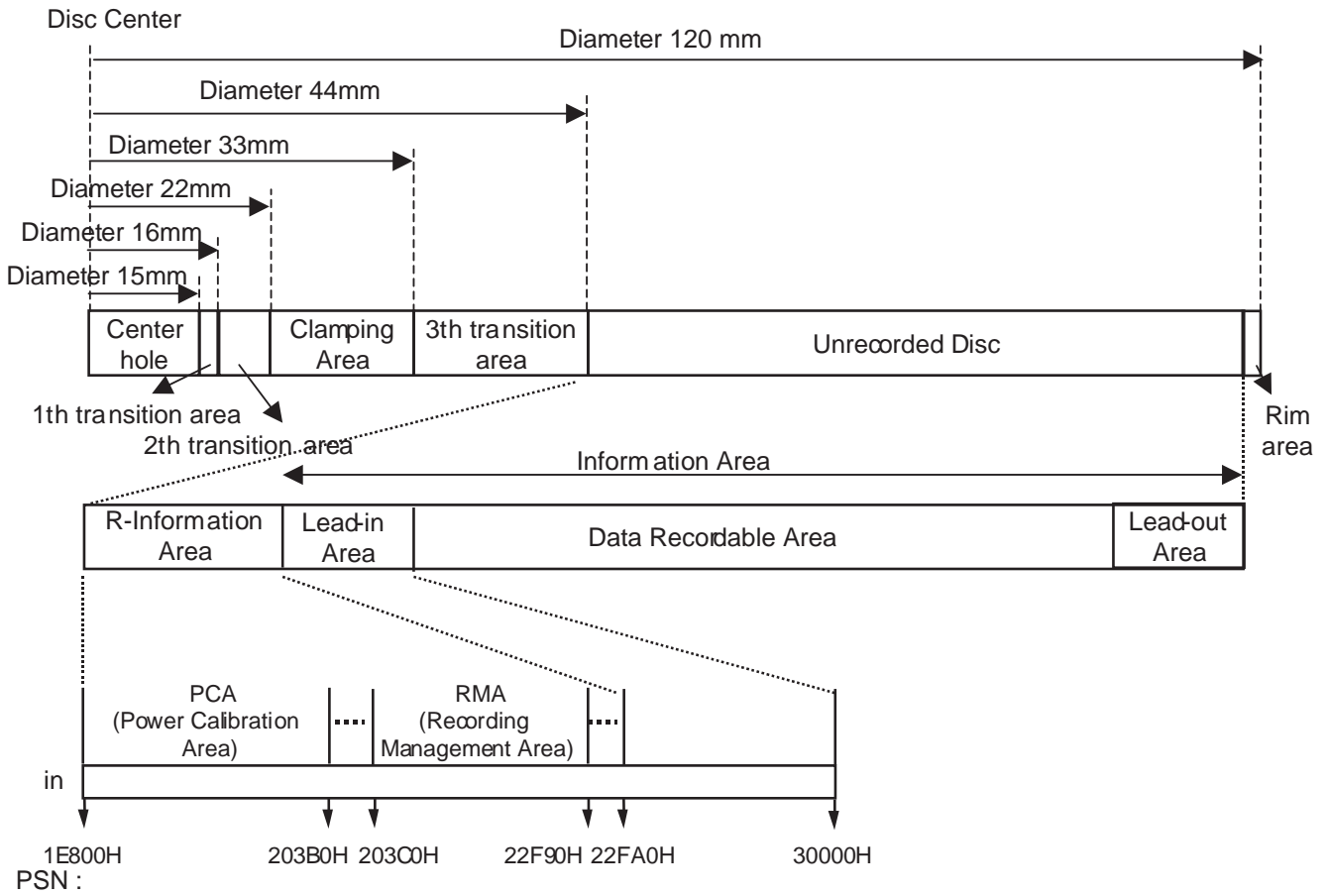
Inner Disc Test Zone : for performing OPC procedures.

Inner Disc Count Zone : For counting the number of OPC algorithm performed in IDT Zone.

Outer Disc Test Zone : for performing OPC procedures.

Outer Disc Count Zone : For counting the number of OPC algorithm performed in IDT Zone.

4) Layout of DVD-R/RW disc



HOW TO USE TEST TOOL

1. ALPC MEASUREMENT SYSTEM

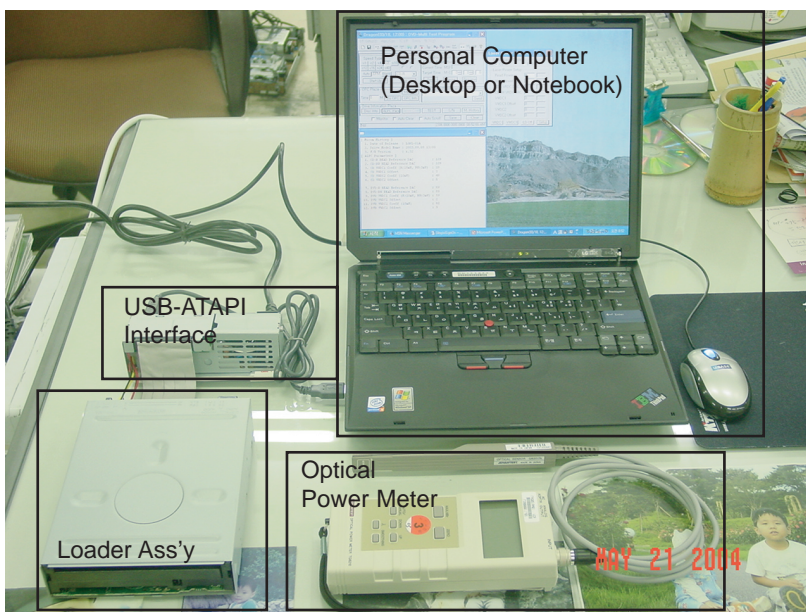
We need basically several measurement instrument to adjust Optical Power of CD and DVD Disc

- **ESSENTIAL INSTRUMENT**

- 1) Optical Power meter & Sensor (ADVANTEST, TQ8230/Q82014A)
- 2) Personal Computer
- 3) Adjustment Program (Dragon or ALPC) --> being recommended ALPC Program in case of SVC

- **OPTIONAL INSTRUMENT**

- 1) USB-ATAPI Interface (if you don't have Notebook which has ATAPI Interface or use PC USB Port)
- 2) Connector-ATAPI Interface Board



2. ALPC PROGRAM

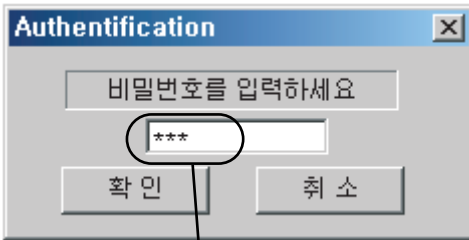
Use the ALPC program in Dragon tool for Optical power setting. It is consist of total 4 files.

Dragon_JW3P.exe
dragon.cfg
blue.dat
WNASPI32.DLL

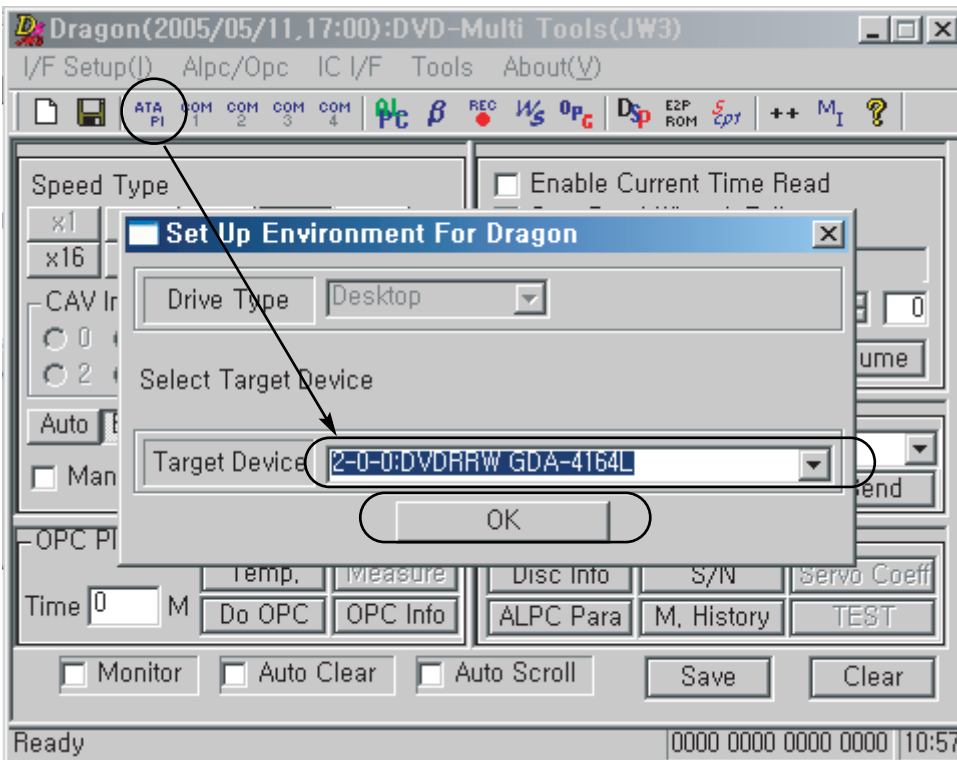
Four files must exist in same Directory.

3. EXECUTE ALPC PROGRAM

1) Execute Dragon_JW3P.exe file.

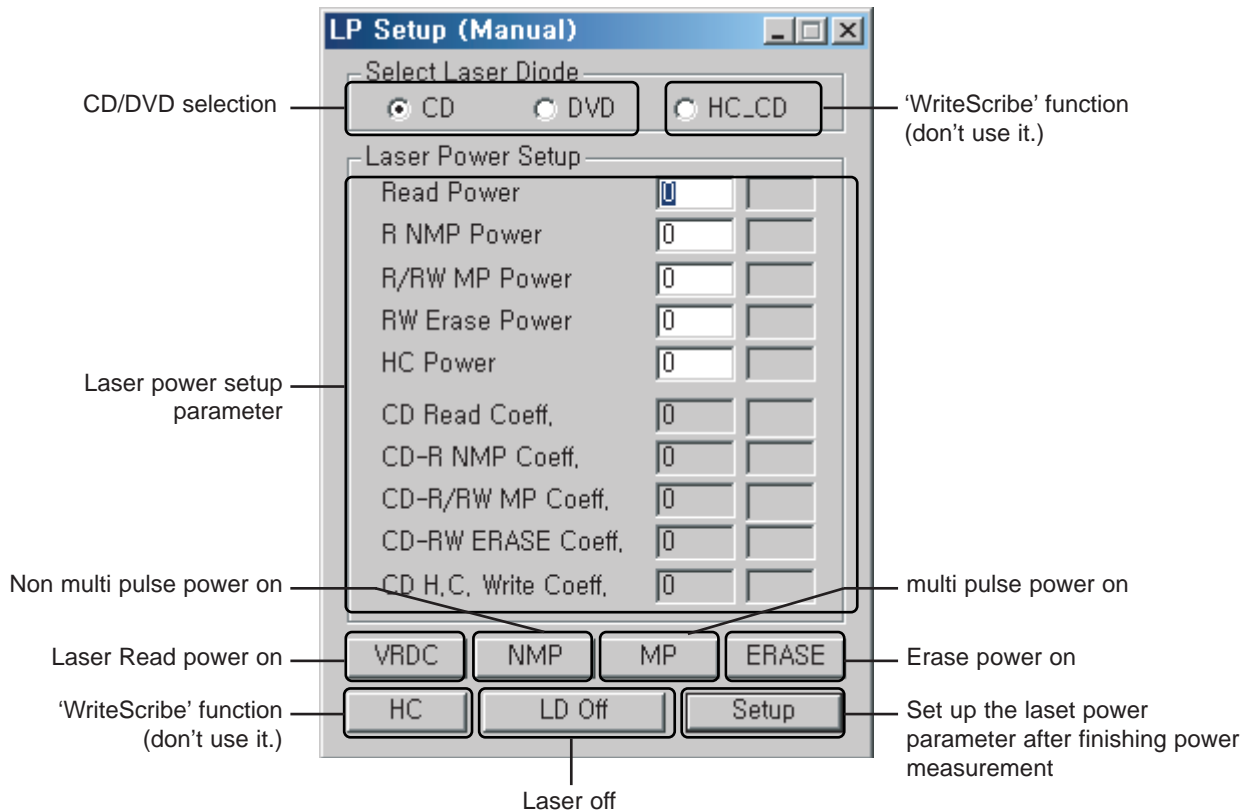
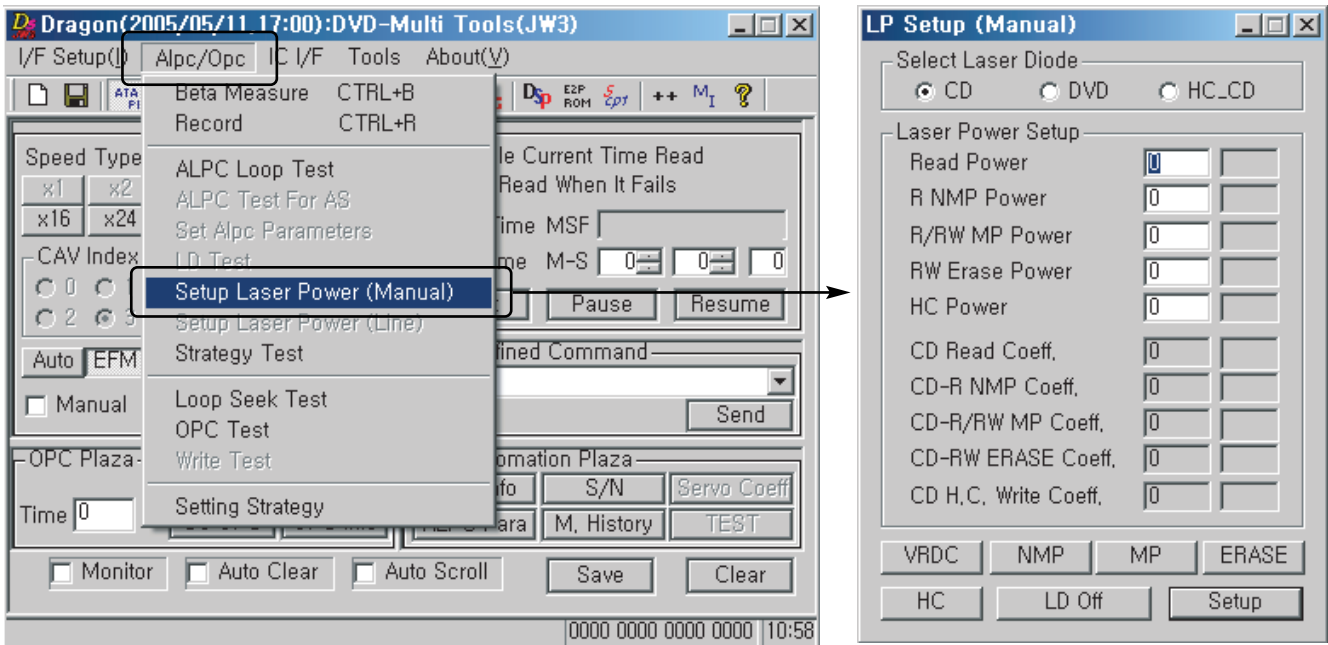


- 2) Enter the password. It is 'qaz'.
When you enter the password, turn off the 'Caps lock' in your keyboard.



- 3) Set up the target device.
Press 'ATAPI' button on the main dialog of Dragon tool. And find the target device which is GDA-4164L.

4) If the target device setting is completed, execute the 'Setup Laser Power(Manual)' in the 'Alpc/Opc' menu.



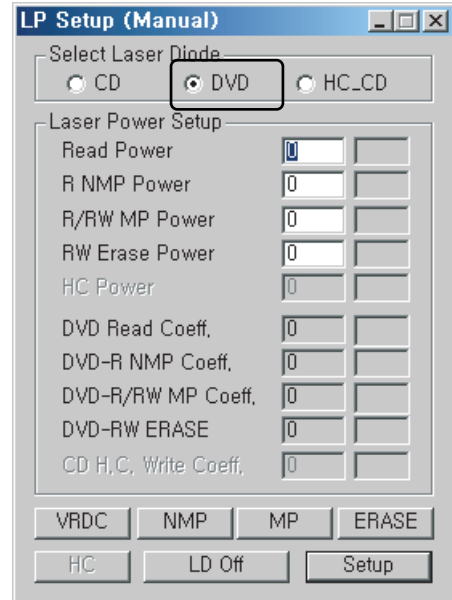
4. OPTICAL POWER SETTING

<Test for checking DVD LD and CD LD>

When you change the Travers ass^oØy(including pick-up) or loader PCB, you must do the laser power setting to match pick-up and loader PCB.

1) DVD LD power setting

- Select the DVD in the 'Select Laser Diode'
- Press **VRDC** (Read Power On, Strong Read light)
- Measure optical read Power.
- Write read power value.
- In case of **NMP** **MP** **ERASE** , you are able to measure the power through same procedure.
- (caution) Don't watch light directly.**
- When you finish optical power measurement, press **LD Off** button(LD Off).
- Press **Setup** button.(save to ERPROM)

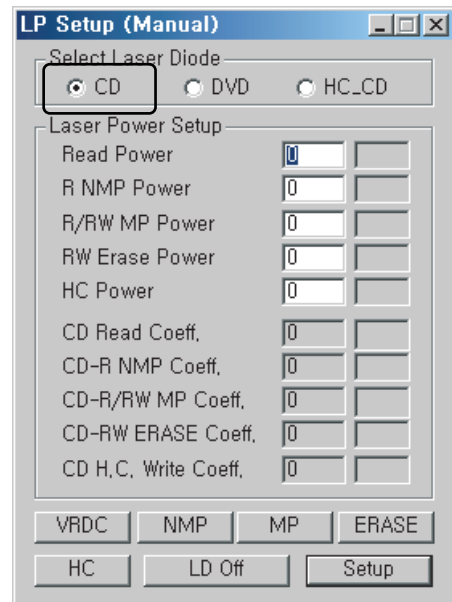


2) CD LD Power Setting

- Select the CD in the 'Select Laser Diode'
 - Press **VRDC** .
 - Measure optical read Power.
 - Write Read Power value.
 - Press **Setup** button(save to ERPROM)
- *** In case of CD power setting of RS-01A, loader don't need to set up write power.
Although NMP, MP, Erase and HC power is N.G when you press setup, please ignore the N.G message.
Because of RS-01A only support reading function about CD-R/RW.

* Look at reference sheet to test Optical Power.

**Power value is β — unit. Value is read power X 100.

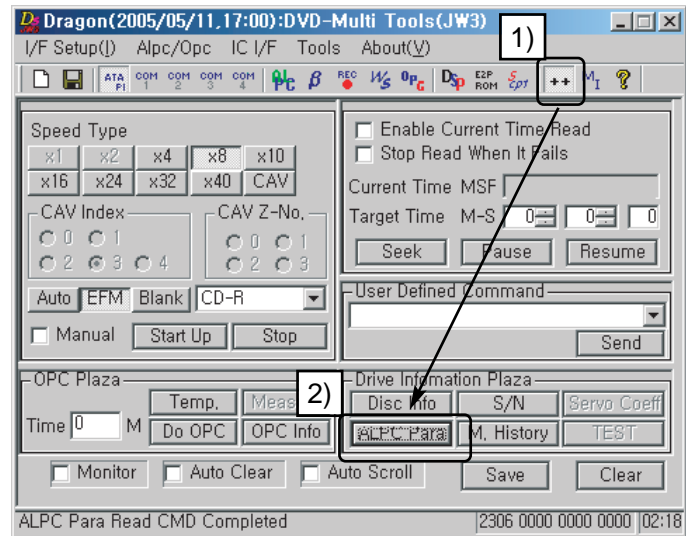


5. CONFIRM OPTICAL POWER SETTING PARAMETER

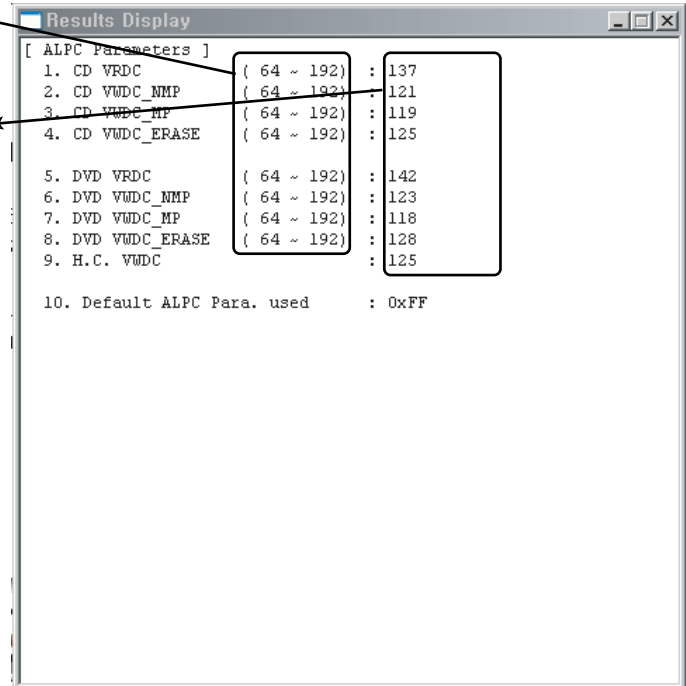
LD Test result is ok, but Loader performance is bad.

1. Check ALPC parameter value

- 1) Press **++** button to open 'Results Display' dialog.
- 2) Press **ALPC Para** button.
 - We can see optical power setting value.
 - Write optical Power Setting value to paper.
 - Adjust power setting again.
 - Compare original parameter to new parameter.
 - if parameter value is different highly, original value is wrong or optical power may change.
 - But pick-up LD test is all ok , just adjust optical power setting again.

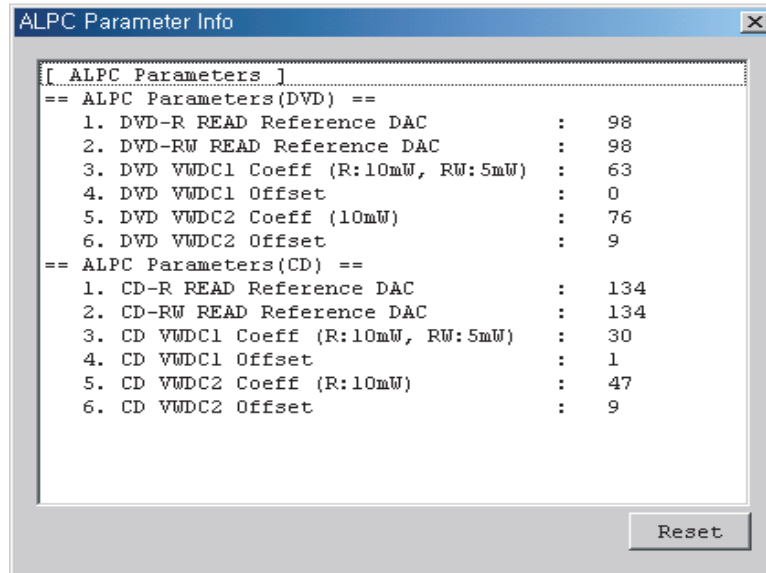


Normal range of ALPC parameter



Optical power value which has been saved in the EEPROM

6. OPTICAL POWER SETTING PARAMETER RANGE



[VALID ALPC Parameters]

< CD >

<DVD>

1) CD-R READ Reference DAC : 30 ~150
 2) CD-RW READ Reference DAC : 80 ~ 250
 3) VWDC1 : 10 ~ 39
 4) VWDC1 Offset : 0 ~ 20
 5) VWDC2 : 20 ~ 57
 6) VWDC2 Offset : 0 ~ 20

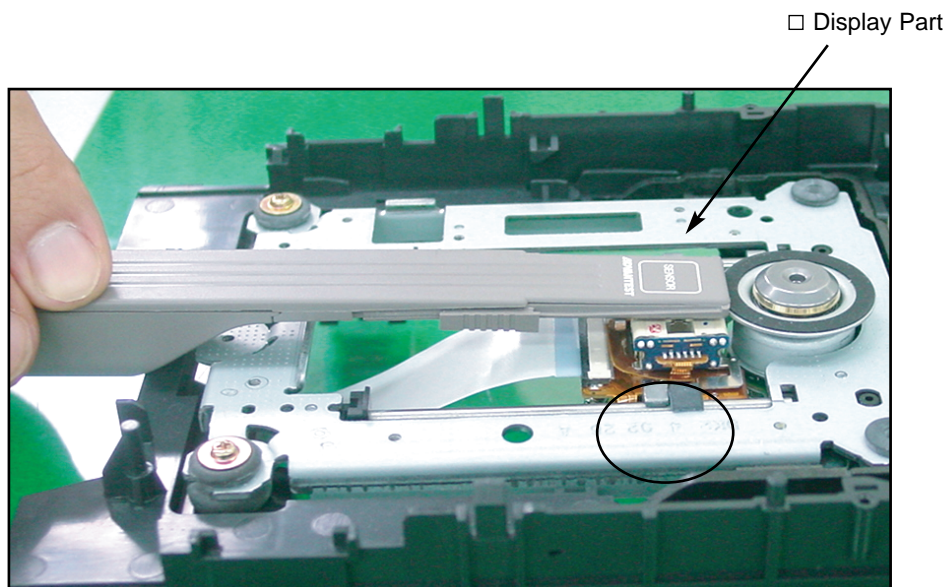
1) DVD-R READ Reference DAC : 40 ~145
 2) DVD-RW READ Reference DAC : 40 ~145
 3) VWDC1 : 30 ~ 100
 4) VWDC1 Offset : 0 ~ 20
 5) VWDC2 : 40 ~ 140
 6) VWDC2 Offset : 0 ~ 20

7. ATTACHMENT. OPTICAL POWER MEASUREMENT

Optical Power measurement is to adjust LD power from Pick-up
To measure optical power, LD status is on. Other light affects to optical power.
Avoid other light to measure exact power
Generally headlight power is about $50\mu\text{W}$, Sun power is about 100mW .

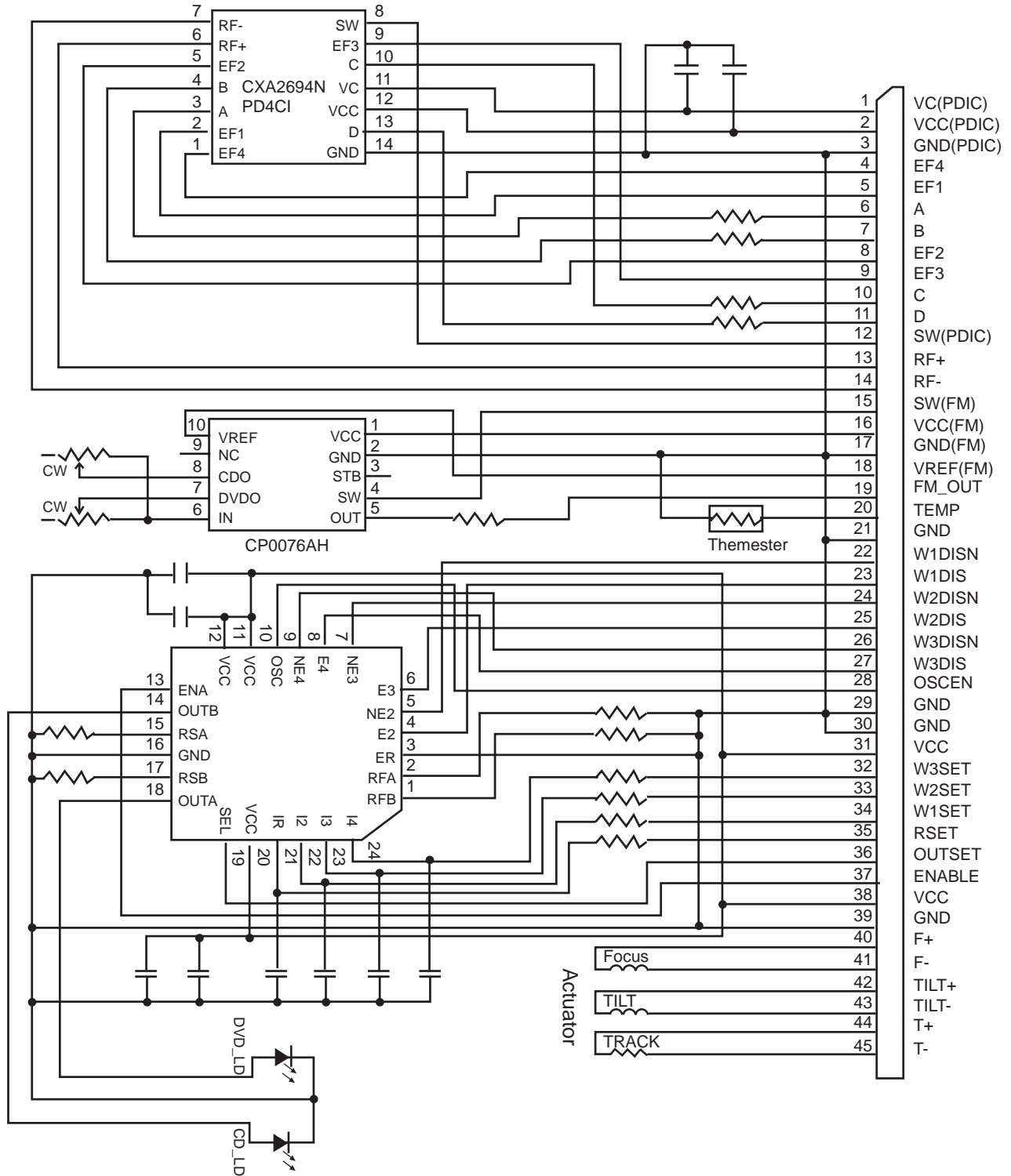
Optical Power measurement method

1. Fit optical Power Meter λ (wavelength) value to DVD.(generally 660nm)
2. DVD LD On.
3. Approach power sensor to Pick-up Lens about 3mm vertically. Fix Lens and Sensor \square mark position.
4. Read Monitor value. (move sensor read just a little and read max value.)
(caution) unit is mW .
5. Write monitoring value $\times 100$. Only an integer.
6. Fit optical Power Meter λ (wavelength) value to CD.(generally 780nm)
7. CD LD On.
8. 3 ~ 5 recheck.



INTERNAL STRUCTURE OF THE PICK-UP

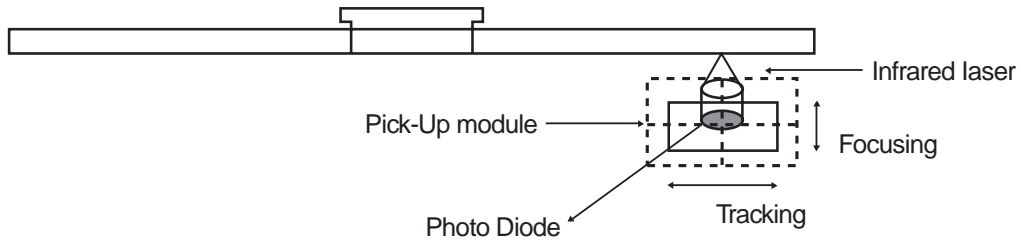
1. BLOCK DIAGRAM OF THE PICK-UP(LPC-812R)



2. PICK UP PIN ASSIGNMENT

No.	Pin Name	Signal Description
45	T-	Tracking Actuator drive signal-
44	T+	Tracking Actuator drive signal+
43	Tilt-	Tilting Actuator drive signal-
42	Tilt+	Tilting Actuator drive signal+
41	F-	Focusing Actuator drive signal-
40	F+	Focusing Actuator drive signal+
39	GND(LDD)	Ground connection for LDD
38	VCC(LDD)	Power supply for LDD
37	ENABLE	Disables output current regardless of OUTEN(ENABLE Low:No lout)
36	OUTSEL	High:selects DVD LD, Low:CD LD
35	RSET	Input voltage for current amplifier
34	W1SET	Input voltage for current amplifier
33	W2SET	Input voltage for current amplifier
32	W3SET	Input voltage for current amplifier
31	VCC(LDD)	Power supply for LDD
30	GND(LDD)	Ground connection for LDD
29	GND(LDD)	Ground connection for LDD
28	OSCEN	TTL control for Oscillator Enable (High Enable)
27	W3DIS	LVDS control for output current (High Enable)
26	W3DISN	LVDS control for output current (Low Enable)
25	W2DIS	LVDS control for output current (High Enable)
24	W2DISN	LVDS control for output current (Low Enable)
23	W1DIS	LVDS control for output current (High Enable)
22	W1DISN	LVDS control for output current (Low Enable)
21	GND(FPD)	Ground connection for PDIC, FPD, TEMP
20	TEMP	Output voltage for controlling temperature
19	FPD-OUT	APC amplifier output
18	VREF(FPD)	APC amplifier reference voltage output
17	GND(TEMP)	Ground connection for PDIC, FPD, TEMP
16	VCC(FPD)	Power supply for FPD
15	SW2(FPD)	FPD output gain Select (High : CD, Low:DVD)
14	RF-	Signal PDIC RF negative differential output
13	RF+	Signal PDIC RF positive differential output
12	SW1(PDIC)	PDIC output gain Select (L/M/H)
11	D	Signal PDIC output D
10	C	Signal PDIC output C
9	EF3	Signal PDIC output EF3
8	EF2	Signal PDIC output EF2
7	B	Signal PDIC output B
6	A	Signal PDIC output A
5	EF1	Signal PDIC output EF1
4	EF4	Signal PDIC output EF4
3	GND(PDIC)	Ground connection for PDIC, FPD, TEMP, LDD
2	VCC(PDIC)	Power supply for PDIC(+5V)
1	VC(PDIC)	Reference voltage input for PDIC)

3. SIGNAL DETECTION OF THE P/U



1) Focus Error Signal ==> (A+C)-(B+D)

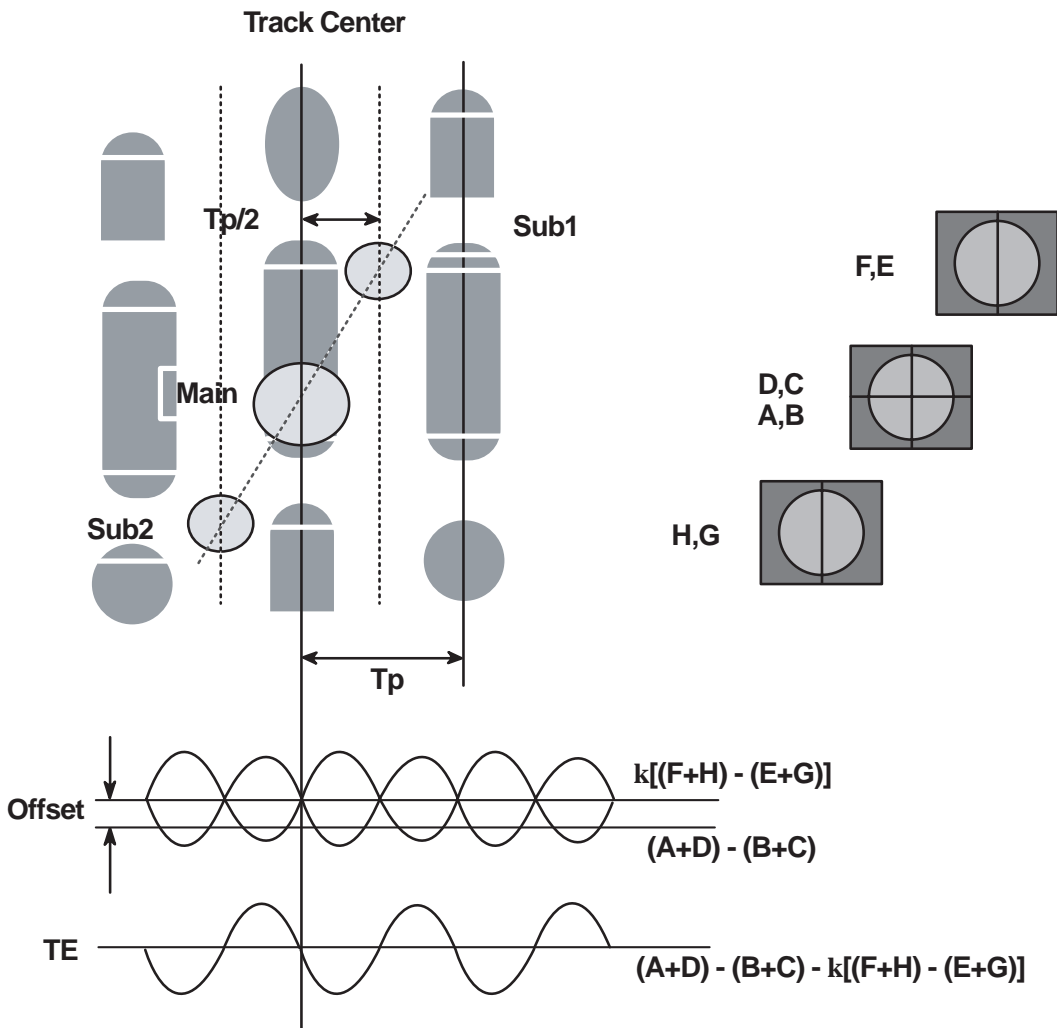
This signal is generated in RF IC (LIC121 : AN22113A) and controls the pick-up's up and down to focus on Disc.

2) Tracking Error Signal (DPP Method) ==> $\{(A+D)-(B+C)\} - k \times \{(EF_1+EF_4)-(EF_2+EF_3)\}$

This signal is generated in RF IC (LIC121 : AN22113A) and controls the pick-up's left and right shift to find to track on Disc.

3) RF Signal ==> (A+B+C+D)

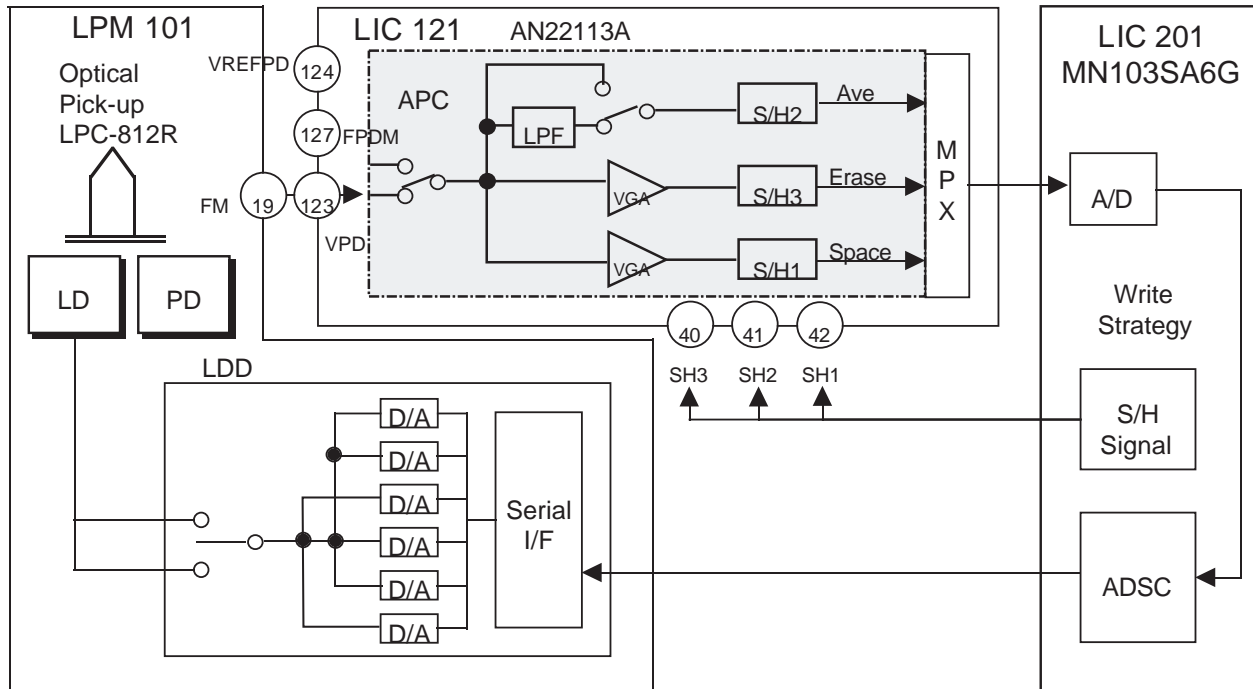
This signal is converted to DATA signal in DSP IC (LIC201 : MN103SA6G).



DESCRIPTION OF CIRCUIT

1. ALPC (AUTOMATIC LASER POWER CONTROL) CIRCUIT

1-1. BLOCK DIAGRAM

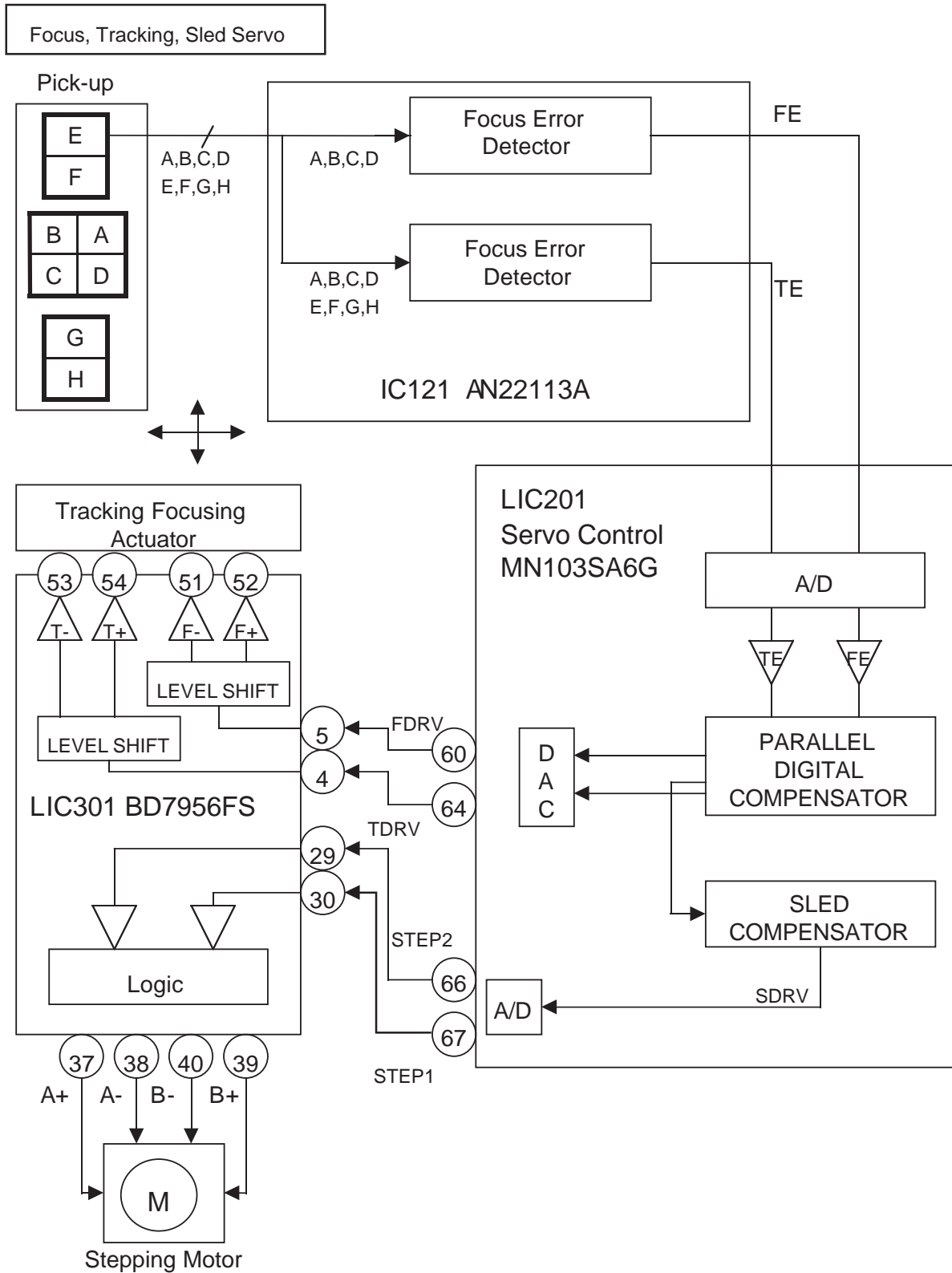


1-2. ALPC (AUTOMATIC LASER POWER CONTROL) CIRCUIT OPERATION

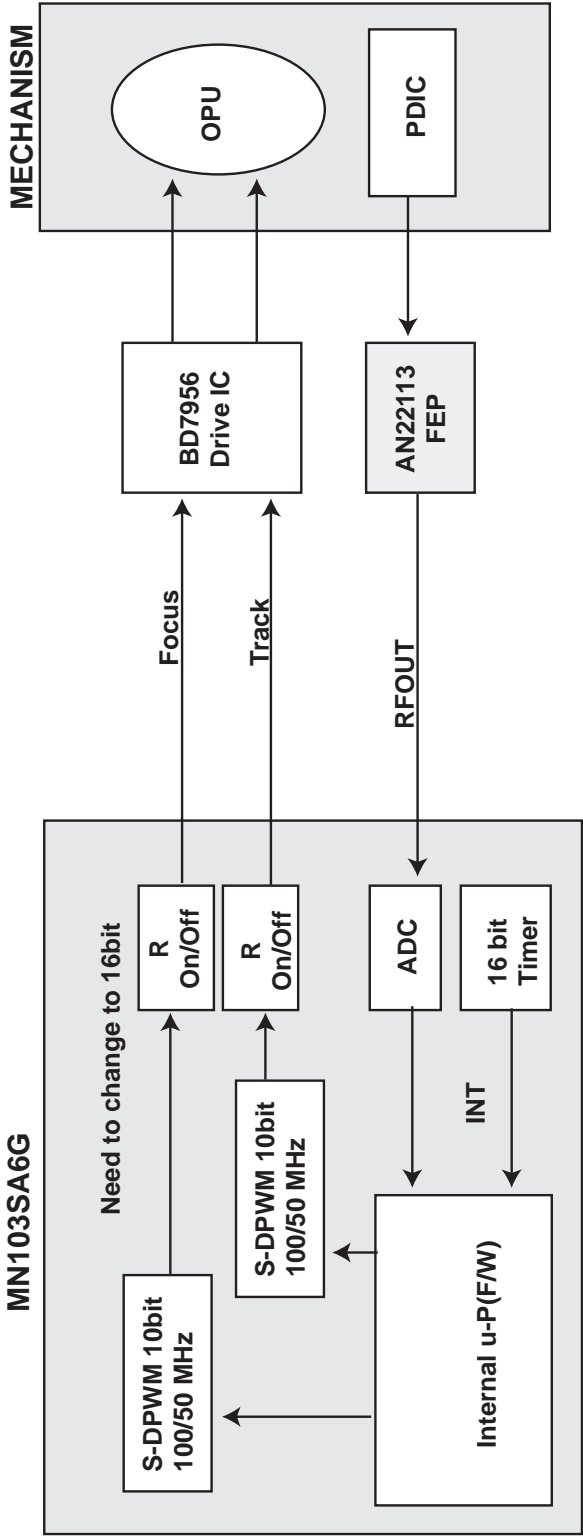
THE ALPC BLOCK DETECTS THE LASER OUTPUT POWER OF THE FRONT MONITOR. THE POWER SIGNAL DETECTED WITH THE PD FOR FRONT MONITOR
 DETECTION IS INPUT THE VOLTAGE FROM THE VPD PIN(123PIN) OR THE FPDM PIN(127PIN), THE REFERENCE SIGNAL OF THE INPUT SIGNAL IS
 INPUT FROM THE VREFPD PIN(124PIN). THE ALPC BLOCK GENERATES THE SIGNALS FROM THE INPUT LASER POWER SIGNALS IN THE
 FOLLOWING DETECTION SYSTEMS. THIS BLOCK HAS FOUR DETECTION PATHS:ALL AVERAGE VALUE PATH, MULTI PULSE AVERAGE/PEAK VALUE
 DETECTION PATH, ERASE/BOTTOM VALUE DETECTION PATH, SPACE/PLAYBACK POWER VALUE DETECTION PATH.

2. FOCUS/TRACKING/SLED SERVO CIRCUIT

2-1. FOCUS, TRACKING & SLED SERVO PROCESS

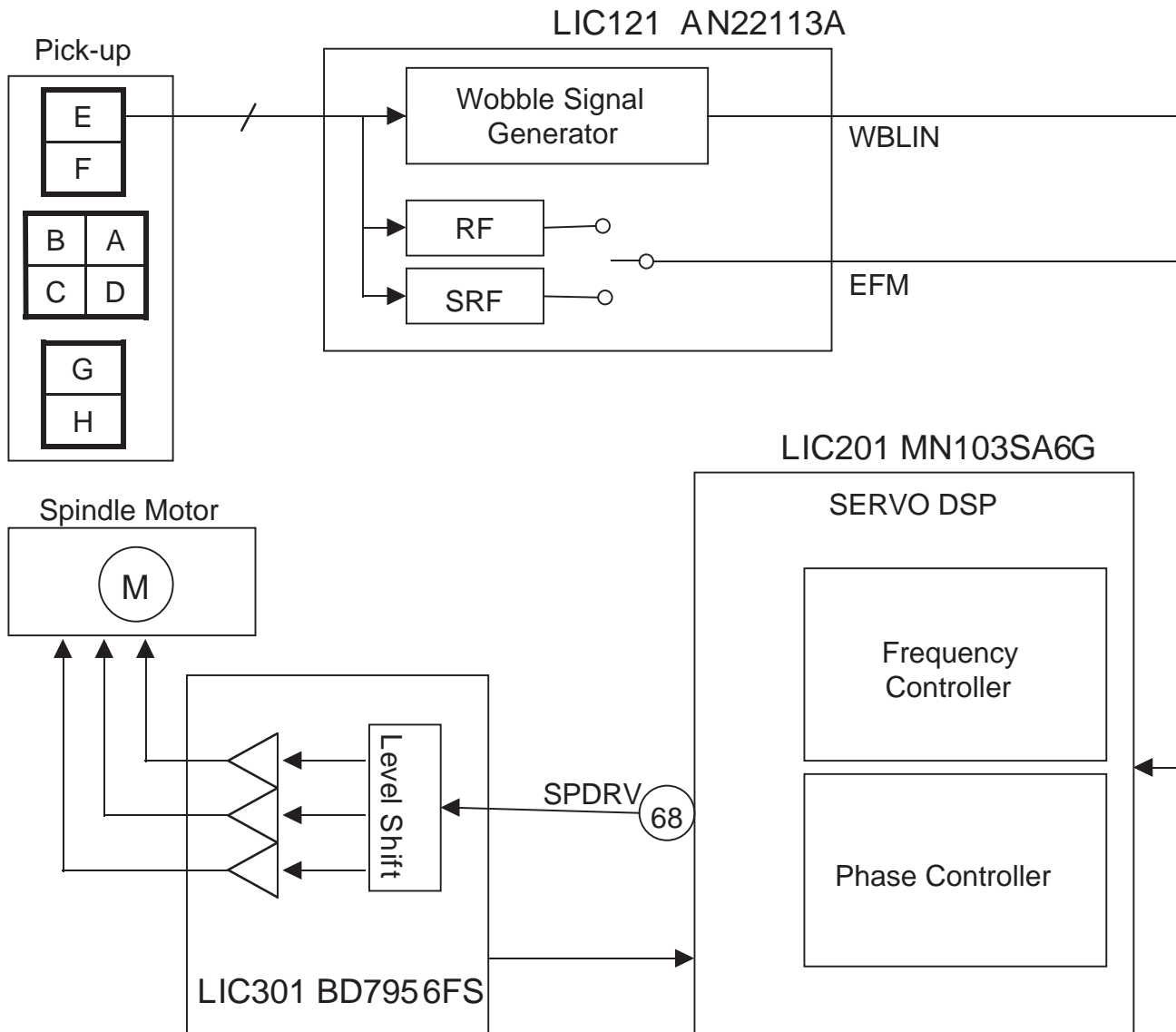


2-1. FOCUS, TRACKING & SLED SERVO PROCESS



3. SPINDLE SERVO CIRCUIT

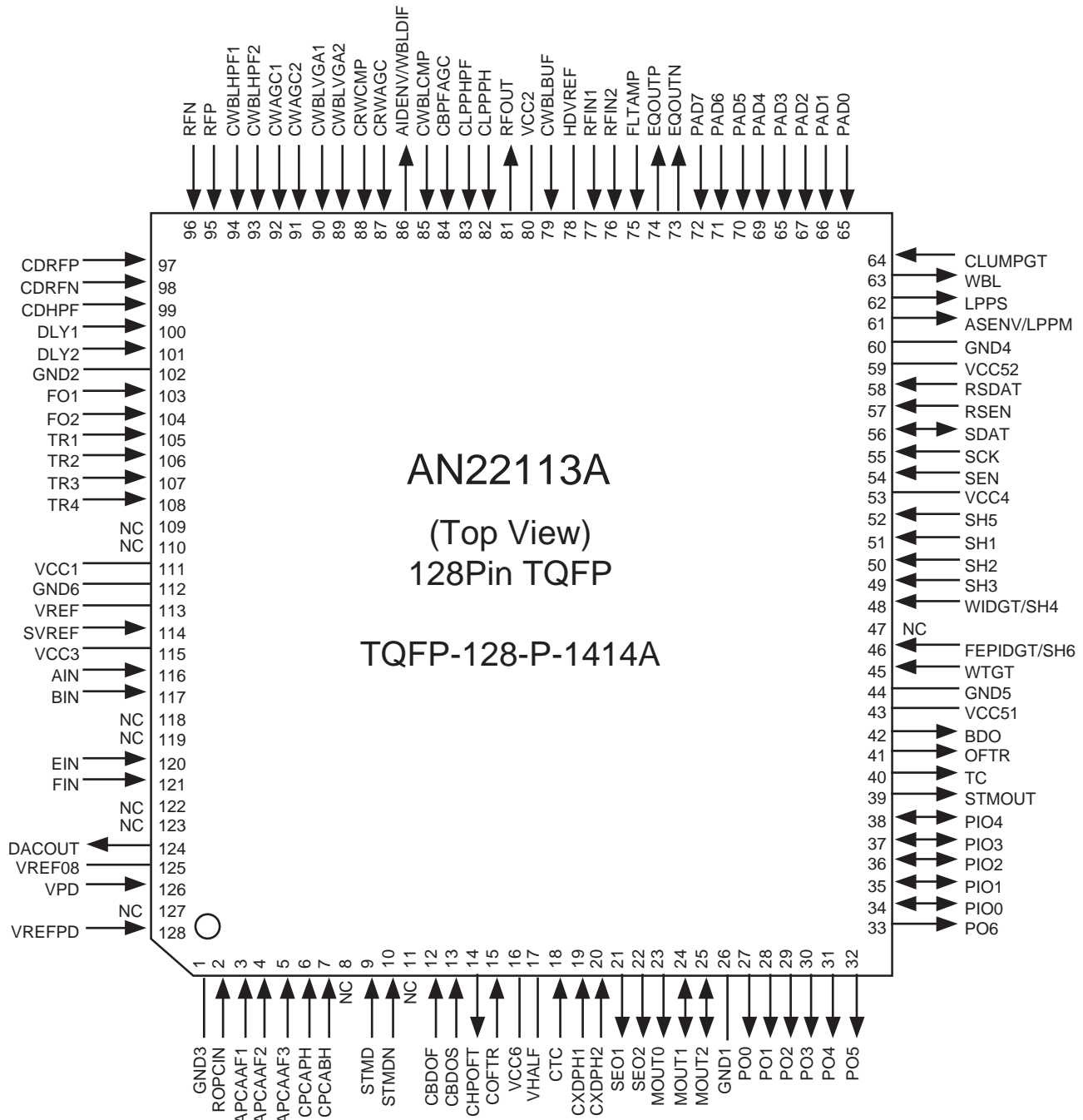
3-1. SPINDLE SERVO PROCESS



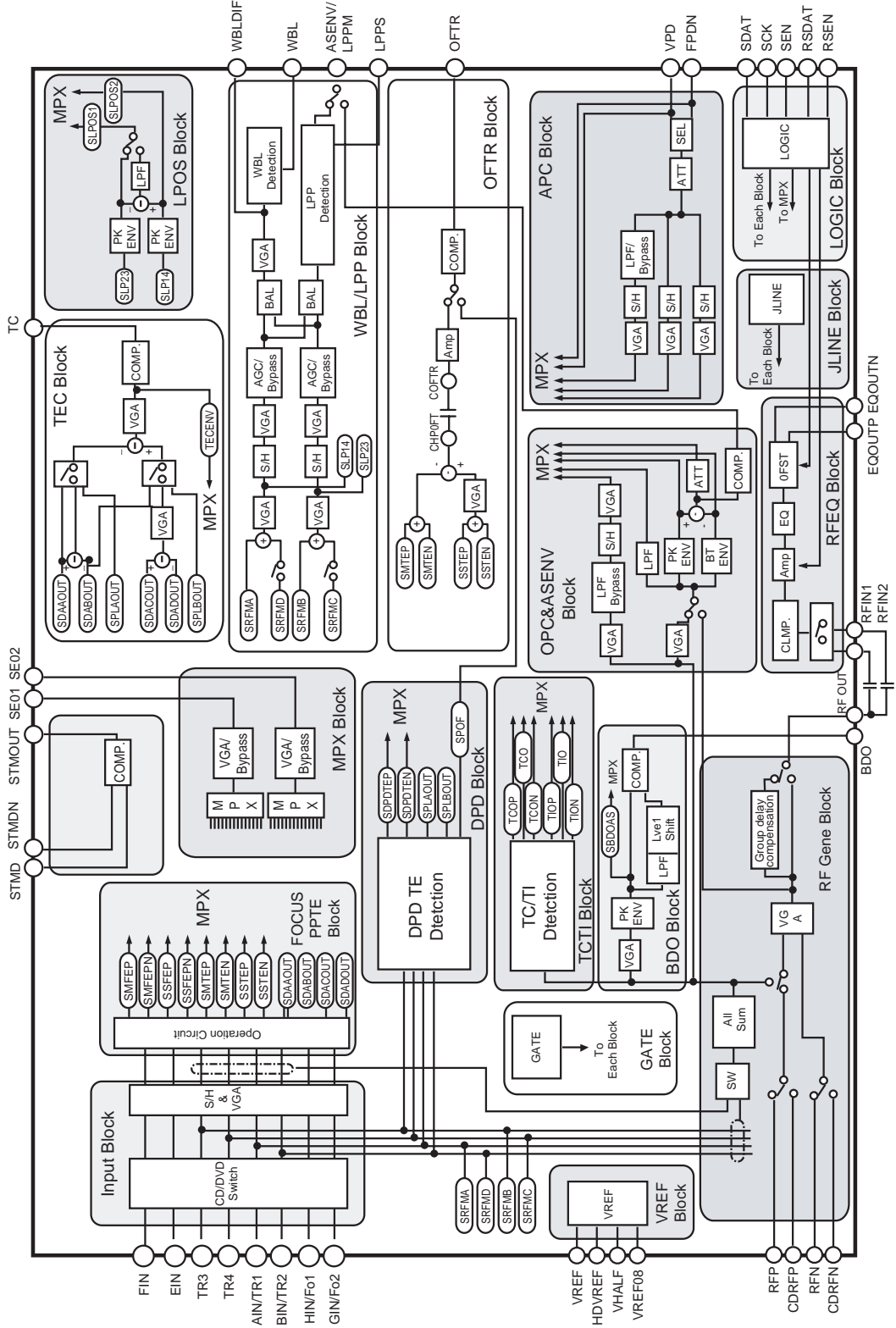
MAJOR IC INTERNAL BLOCK DIAGRAM

LIC121 (AN22113A) : FEP(RF) ANALOG SIGNAL PROCESSOR

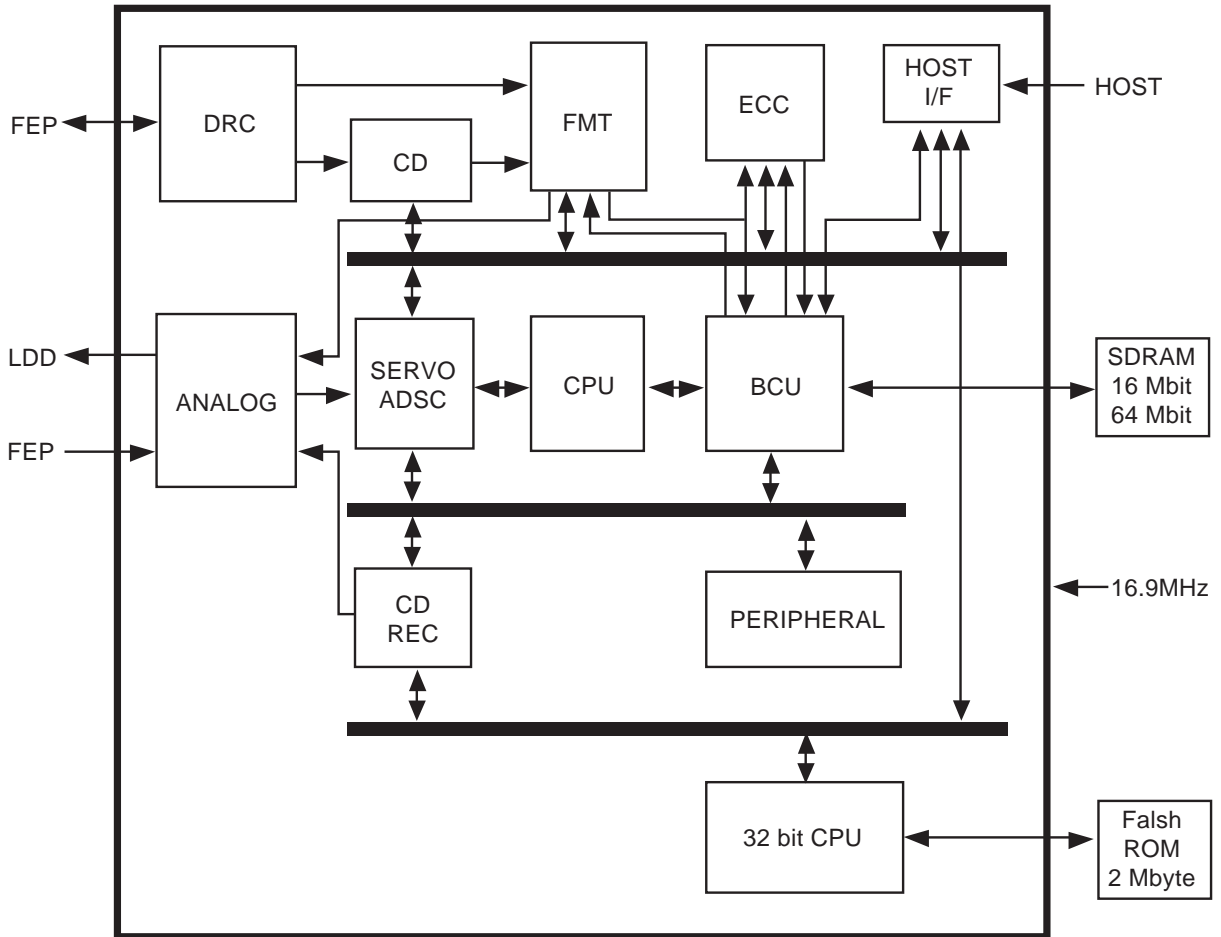
• PIN ASSIGNMENT



• BLOCK DIAGRAM

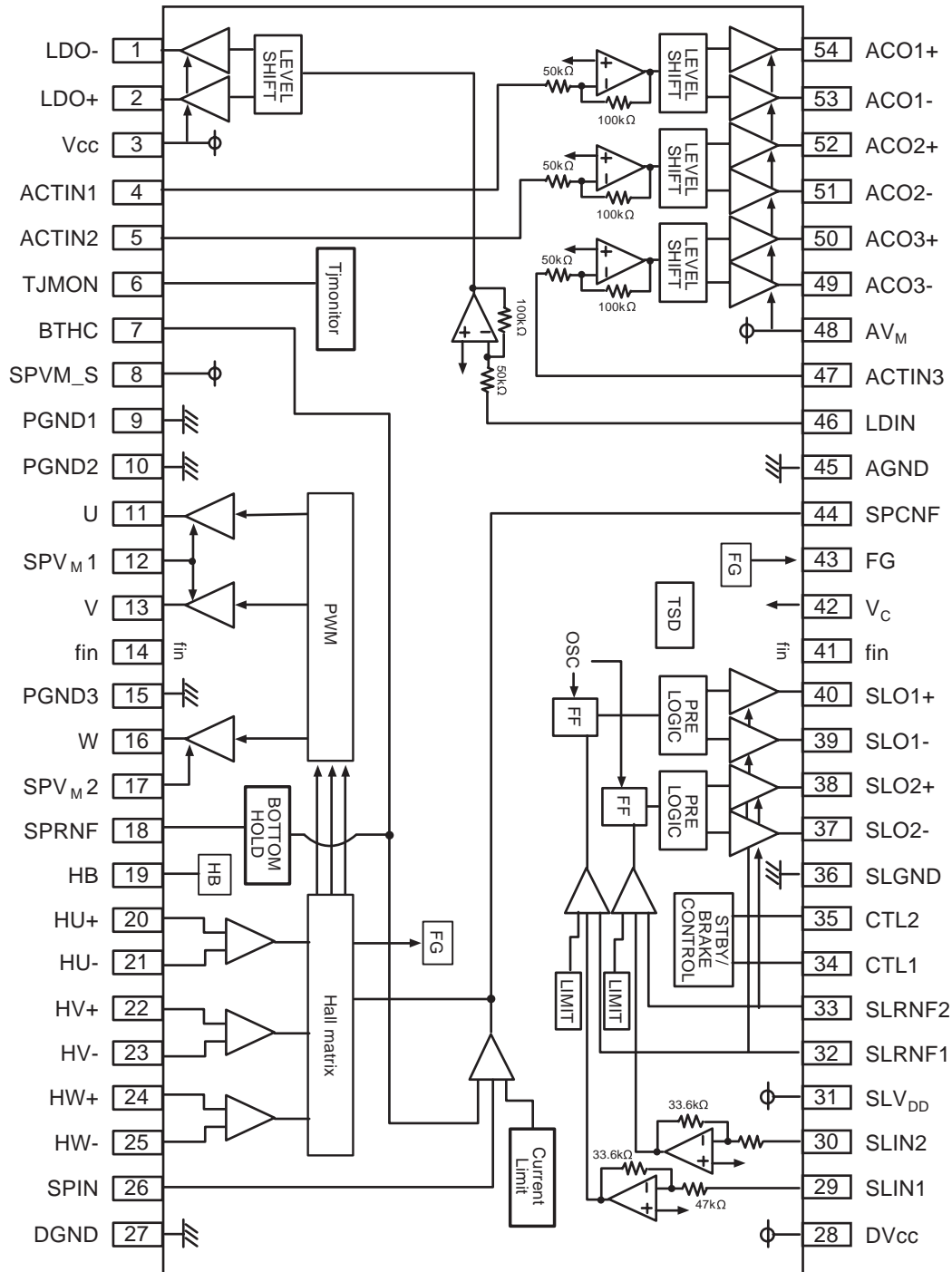


• **BLOCK DIAGRAM**



IC301 (BD7956FS) : CD-ROM/DVD-ROM 7CH POWER DRIVER

• BLOCK DIAGRAM

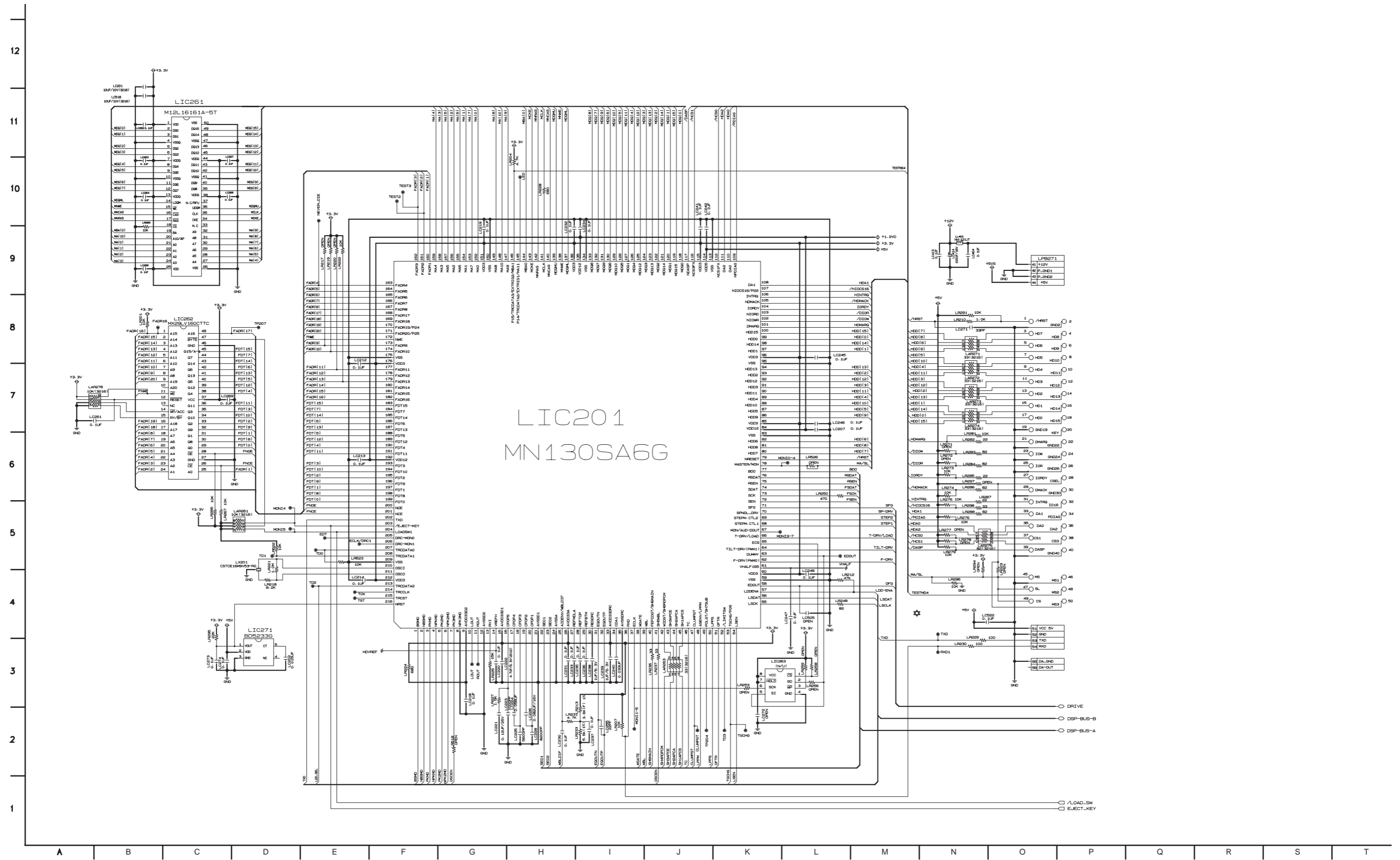


MEMO

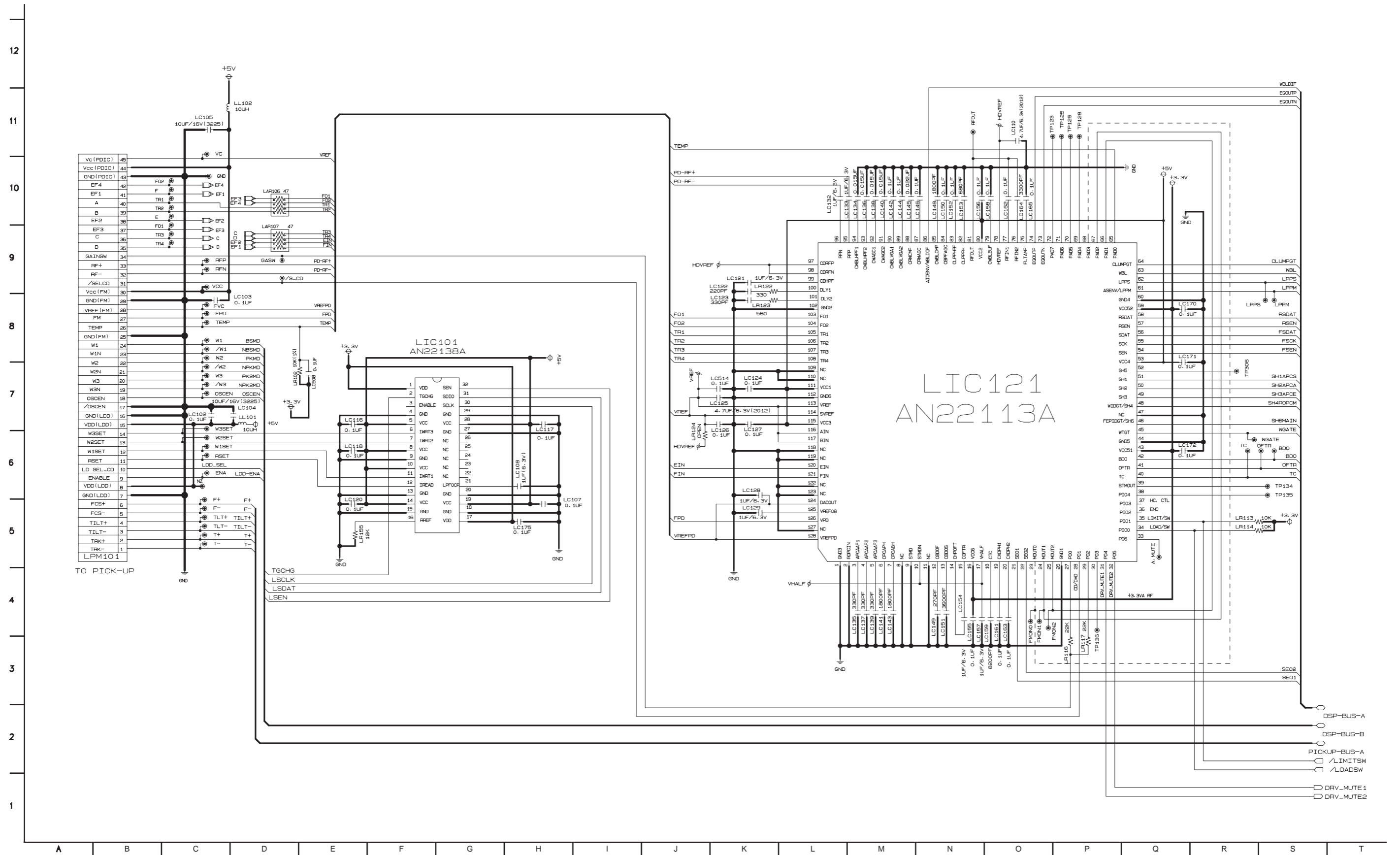
A series of horizontal dotted lines for writing.

CIRCUIT DIAGRAMS

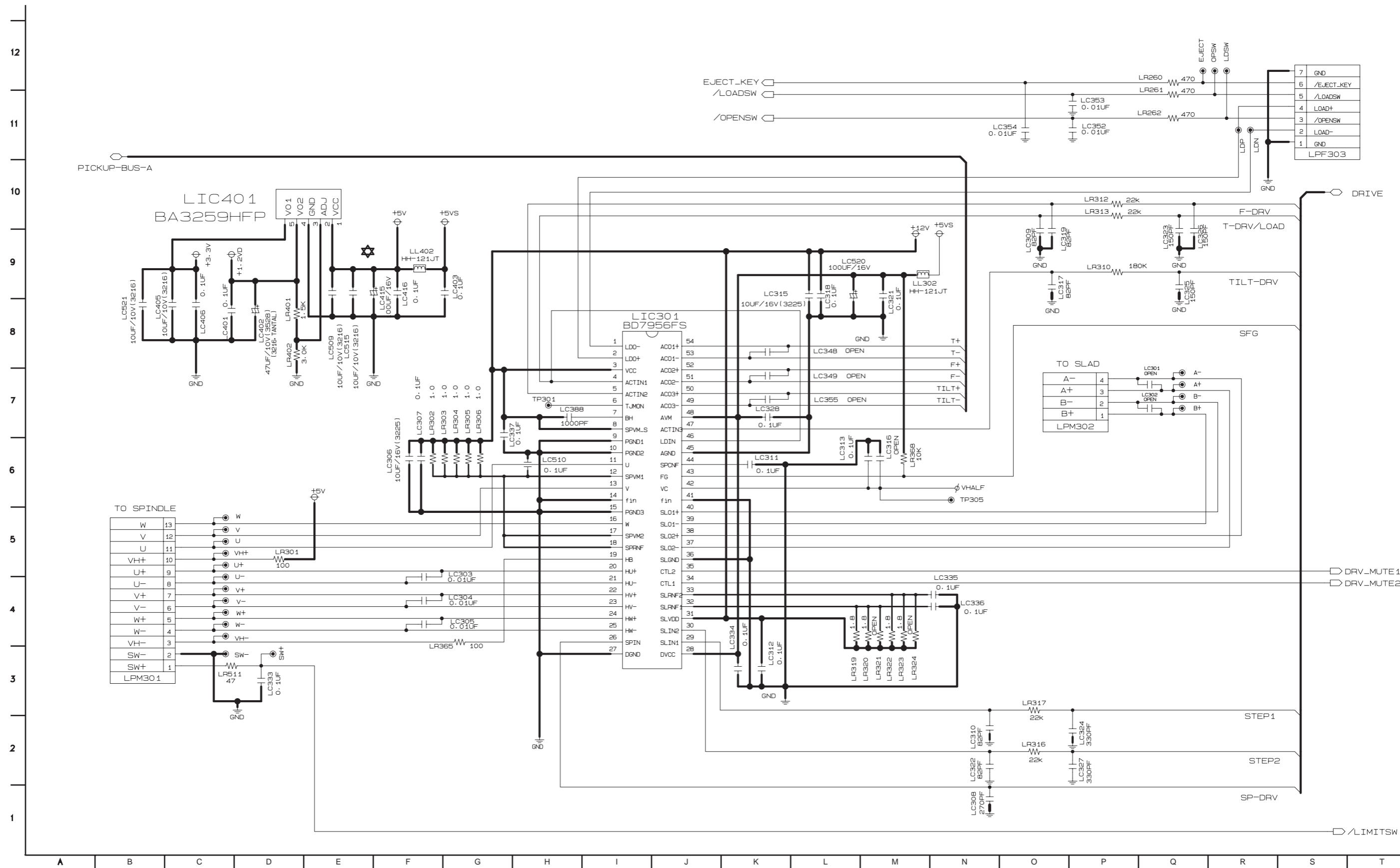
1. DSP CIRCUIT DIAGRAM



2. RF CIRCUIT DIAGRAM



3. DRIVE CIRCUIT DIAGRAM

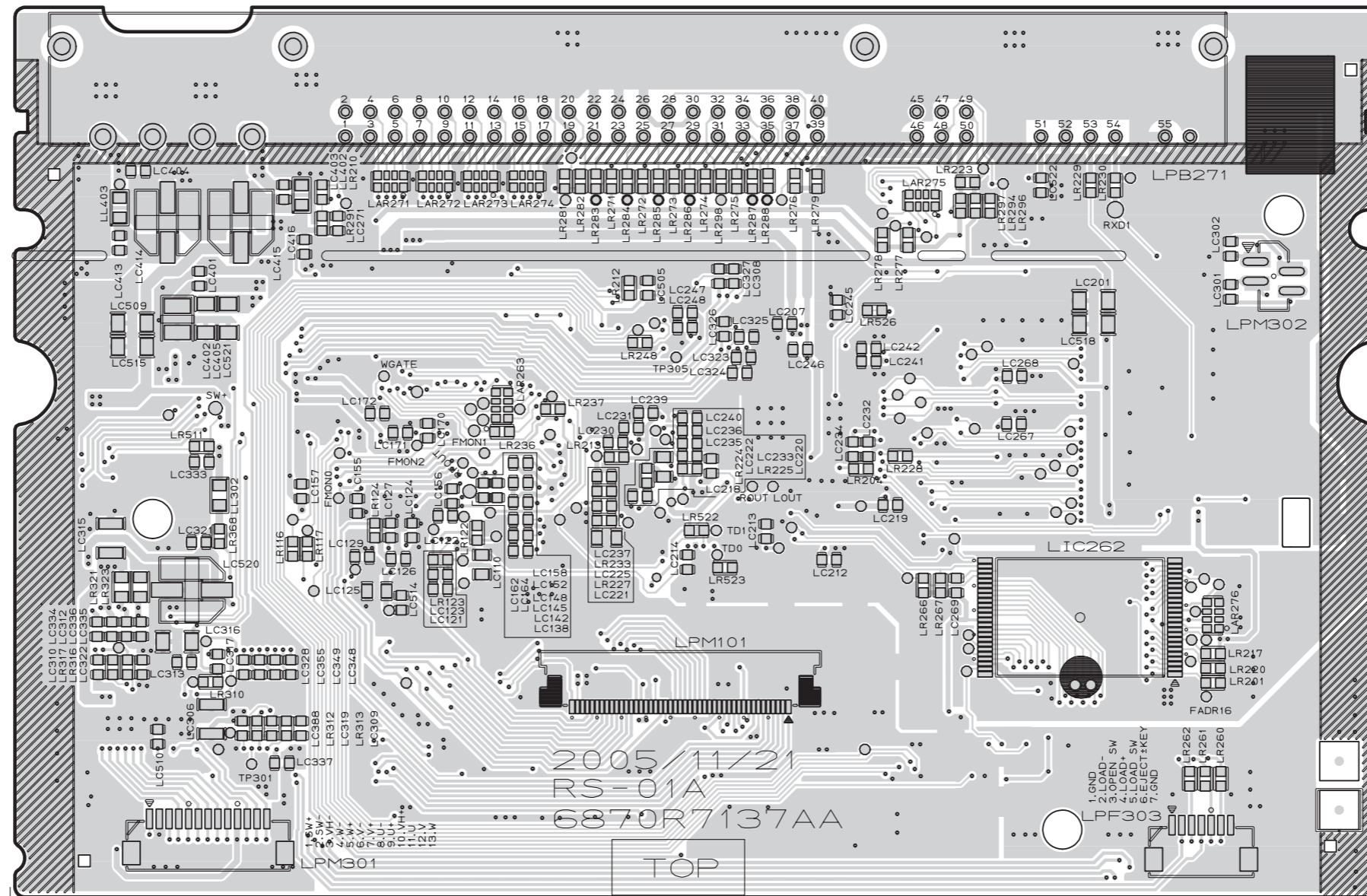


CIRCUIT VOLTAGE CHART

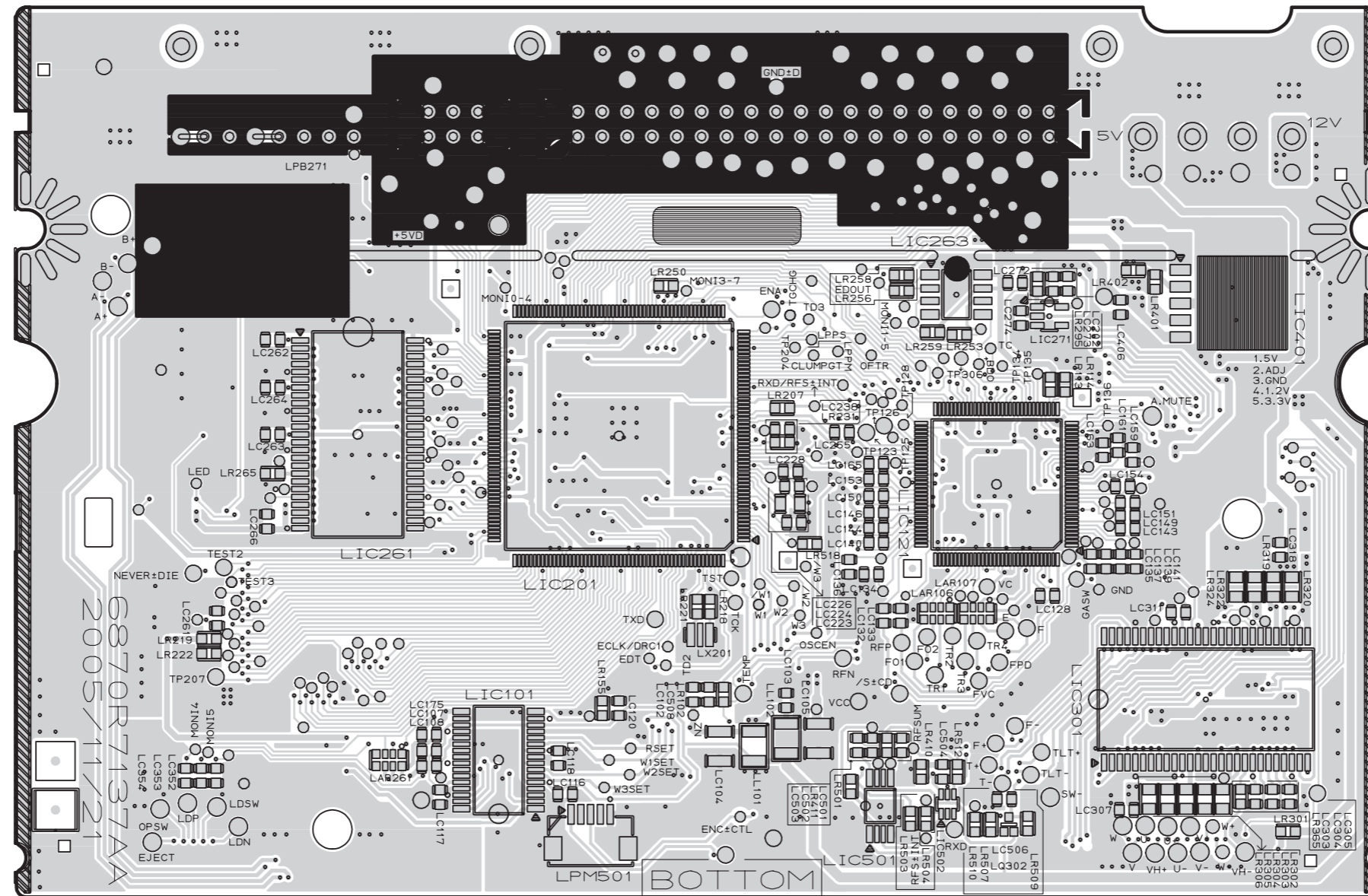
MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE	MODE PIN NO.	STATE			
LIC101		22	1.57	77	2.19	3	1.64	58	1.17	113	0.00	168	PULSE	6	PULSE	10		10	0.00			10	0.00					10	0.00			
1	3.29	23	1.33	78	2.19	4	1.18	59	0.00	114	4.96	169	PULSE	7	3.29	11		11	-			11	-					11	-			
2	0.00	24	1.10	79	2.16	5	1.65	60	3.27	115	3.28	170	PULSE	8	PULSE	12		12	12.65			12	12.65					12	12.65			
3	3.28	25	1.33	80	4.98	6	1.19	61	1.65	116	3.25	171	PULSE	9	PULSE	13		13	-			13	-					13	-			
4	0.00	26	0.00	81	2.18	7	0.14	62	1.65	117	0.00	172	PULSE	10	0.00	14		14	0.00			14	0.00					14	0.00			
5	4.99	27	0.00	82	2.96	8	0.00	63	1.06	118	PULSE	173	PULSE	11	PULSE	15		15	0.00			15	0.00					15	0.00			
6	0.00	28	3.30	83	2.14	9	3.30	64	0.00	119	PULSE	174	PULSE	12	PULSE	16	PULSE	16	-			16	-					16	-			
7	0.00	29	0.00	84	2.79	10	1.65	65	0.20	120	PULSE	175	0.00	13	3.29	17	PULSE	17	12.65			17	12.65					17	12.65			
8	4.98	30	0.00	85	2.21	11	1.65	66	1.65	121	PULSE	176	3.29	14	PULSE	18	PULSE	18	12.65			18	12.65					18	12.65			
9	0.00	31	0.00	86	2.49	12	0.00	67	0.00	122	PULSE	177	PULSE	15	PULSE	19	PULSE	19	4.99			19	4.99					19	4.99			
10	4.99	32	0.00	87	2.85	13	1.50	68	1.69	123	PULSE	178	PULSE	16	PULSE	20	PULSE	20	4.98			20	4.98					20	4.98			
11	0.00	33	0.00	88	2.20	14	2.19	69	1.52	124	PULSE	179	PULSE	17	PULSE	21	PULSE	21	4.99			21	4.99					21	4.99			
12	0.00	34	0.00	89	2.16	15	3.30	70	1.65	125	PULSE	180	PULSE	18	0.00	22	PULSE	22	4.98			22	4.98					22	4.98			
13	0.00	35	3.20	90	2.19	16	0.27	71	5.00	126	PULSE	181	PULSE	19	PULSE	23	PULSE	23	4.98			23	4.98					23	4.98			
14	4.99	36	3.29	91	2.19	17	0.27	72	1.23	127	PULSE	182	PULSE	20	PULSE	24	PULSE	24	4.98			24	4.98					24	4.98			
15	0.00	37	0.00	92	2.19	18	0.23	73	1.63	128	PULSE	183	PULSE	21	PULSE	25	PULSE	25	4.98			25	4.98					25	4.98			
16	1.09	38	0.00	93	1.68	19	0.00	74	1.60	129	PULSE	184	PULSE	22	PULSE	26	PULSE	26	1.65			26	1.65					26	1.65			
17	3.28	39	0.00	94	1.67	20	0.25	75	1.50	130	PULSE	185	PULSE	23	PULSE	27	0.00	27	0.00			27	0.00					27	0.00			
18	0.00	40	0.00	95	2.37	21	0.00	76	0.61	131	PULSE	186	PULSE	24	PULSE	28	PULSE	28	5.00			28	5.00					28	5.00			
19	4.99	41	1.61	96	2.37	22	1.43	77	3.28	132	PULSE	187	PULSE	25	3.28	29	PULSE	29	1.69			29	1.69					29	1.69			
20	0.00	42	3.29	97	2.19	23	1.57	78	0.00	133	PULSE	188	PULSE	26	0.00	30	PULSE	30	1.52			30	1.52					30	1.52			
21	0.00	43	3.30	98	2.19	24	0.00	79	3.26	134	0.00	189	PULSE	27	PULSE	31	PULSE	31	12.64			31	12.64					31	12.64			
22	0.00	44	0.00	99	1.62	25	2.01	80	2.80	135	1.17	190	PULSE	28	PULSE	32	PULSE	32	12.64			32	12.64					32	12.64			
23	0.00	45	0.00	100	1.49	26	3.29	81	2.14	136	3.29	191	PULSE	29	PULSE	33	PULSE	33	12.64			33	12.64					33	12.64			
24	0.00	46	0.00	101	1.44	27	3.28	82	2.67	137	3.29	192	1.17	30	PULSE	34	PULSE	34	0.00			34	0.00					34	0.00			
25	0.00	47	0.00	102	0.00	28	2.24	83	0.00	138	3.29	193	PULSE	31	PULSE	35	PULSE	35	0.00			35	0.00					35	0.00			
26	0.00	48	0.00	103	1.65	29	1.73	84	1.17	139	3.29	194	PULSE	32	PULSE	36	PULSE	36	0.00			36	0.00					36	0.00			
27	0.00	49	0.00	104	1.65	30	1.29	85	3.27	140	3.29	195	PULSE	33	PULSE	37		37	0.37			37	0.37					37	0.37			
28	4.97	50	0.00	105	1.65	31	2.02	86	2.82	141	2.68	196	PULSE	34	PULSE	38	PULSE	38	1.09			38	1.09					38	1.09			
29	0.00	51	0.00	106	1.65	32	2.03	87	2.20	142	3.28	197	PULSE	35	PULSE	39	PULSE	39	1.10			39	1.10					39	1.10			
30	3.29	52	0.00	107	1.65	33	3.28	88	2.40	143	0.00	198	PULSE	36	PULSE	40	PULSE	40	1.11			40	1.11					40	1.11			
31	0.36	53	4.96	108	1.65	34	0.85	89	2.70	144	0.00	199	PULSE	37	PULSE	41	PULSE	41	0.00			41	0.00					41	0.00			
32	0.00	54	1.23	109	0.00	35	0.00	90	2.20	145	0.00	200	PULSE	38	3.29	42	PULSE	42	1.65			42	1.65					42	1.65			
LIC121		55	1.65	110	0.00	36	3.28	91	2.70	146	PULSE	201	PULSE	39	PULSE	43	PULSE	43	4.99			43	4.99					43	4.99			
1	0.00	56	1.62	111	4.96	37	0.00	92	2.20	147	PULSE	202	PULSE	40	PULSE	44	PULSE	44	0.00			44	0.00					44	0.00			
2	0.00	57	1.65	112	0.00	38	0.00	93	2.20	148	PULSE	203	3.28	41	0.00	45	PULSE	45	0.00			45	0.00					45	0.00			
3	1.69	58	0.61	113	1.65	39	2.95	94	2.20	149	PULSE	204	0.00	42	PULSE	46	0.00	46	1.65			46	1.65					46	1.65			
4	1.64	59	3.29	114	1.65	40	0.00	95	0.00	150	0.00	205	3.26	43	PULSE	47		47	1.62			47	1.62					47	1.62			
5	1.66	60	0.00	115	4.96	41	0.00	96	3.28	151	3.29	206	3.26	44	3.29	48	PULSE	48	4.99			48	4.99					48	4.99			
6	2.67	61	0.00	116	1.65	42	0.00	97	2.20	152	PULSE	207	0.00	45	PULSE			49	0.32			49	0.32					49	0.32			
7	2.60	62	0.00	117	1.65	43	0.00	98	2.18	153	PULSE	208	0.00	46	PULSE	LIC271		50	0.33			50	0.33					50	0.33			
8	0.00	63	2.95	118	0.00	44	0.00	99	2.18	154	PULSE	209	0.00	47	0.00	1	3.28	51	0.32			51	0.32					51	0.32			
9	0.00	64	3.29	119	0.00	45	0.00	100	2.17	155	PULSE	210	OSC	48	PULSE	2	4.99	52	0.32			52	0.32					52	0.32			
10	1.65	65	1.21	120	1.65	46	3.29	101	0.00	156	PULSE	211	OSC	49	PULSE	3	0.00	53	0.32			53	0.32					53	0.32			
11	0.00	66	1.34	121	1.66	47	3.29	102	3.27	157	PULSE	212	3.28	50	0.00	4	0.00	54	0.33			54	0.33					54	0.33			
12	0.25	67	1.16	122	0.00	48	0.00	103	2.15	158	PULSE	213	0.00	LIC262		LIC301																
13	1.58	68	1.34	123	0.00	49	0.00	104	0.00	159	PULSE	214	0.00	1	PULSE	1	-															
14	1.82	69	1.35	124	2.51	50	0.00	105	3.27	160	PULSE	215	0.00	2	PULSE	2	-															
15	2.20	70	0.50	125	0.81	51	0.00	106	0.00	161	PULSE	216	3.28	3	PULSE	3	12.65															
16	3.29	71	0.70	126	2.50	52	0.70	107	4.96	162	PULSE	LIC261		4	PULSE	4	1.65															
17	1.65	72	0.00	127	0.00	53	0.00	108	0.00	163	PULSE	1	3.29	5	PULSE	5	1.65															
18	1.56	73	2.03	128	2.50	54	0.00	109	4.96	164	PULSE	2	PULSE	6	PULSE	6	0.58															
19	0.00	74	2.03	LIC201		55	3.29	110	0.00	165	PULSE	3	PULSE	7	PULSE	7	11.80															
20	2.50	75	2.14	1	1.65	56	0.56	111	1.66	166	PULSE	4	0.00	8	PULSE	8	12.64															
21	1.42	76	0.30	2	1.19	57	0.00	112	0.00	167	PULSE	5	PULSE	9	PULSE	9	0.00															

PRINTED CIRCUIT DIAGRAMS

1. MAIN P.C.BOARD (TOP VIEW)



2. MAIN P.C.BOARD (BOTTOM VIEW)



NOTES) If you want to purchase
Flash memory, you must order
" IC1301A "

NOTES) ⚠ Warning
Parts that are shaded are critical With
respect to risk of fire or electrical
shock.

SECTION 5 REPLACEMENT PARTS LIST

MODEL : RH178(STUH,BASIC)

RUN DATE : 18-APRIL-06

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS	
*** INDIVIDUAL PARTS ***							
			250	3110R-D034A	CASE	RH1000 PRESS TOP B6432G	
			251	5040R-0069Q	RUBBER	DVD DV9000S OTHER 05 NEW FOOT	
			273	4811R-8001A	BRACKET ASSEMBLY	DVD RH1000 JACK	
			300	6410RCHP02B	POWER CORD	HIT-102/H0VHH2-F(WITH CORE) HI	
			463	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
			463	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
			465	1SZZR-0097N	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZB 3CR BK	
			467	1SZZR-0098Y	SCREW,DRAWING	+ 2 D3.0 L24.0 MSWR3/FZB 3CR B	
			468	1SZZR-0098J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FZMCY-1 3	
			801	3835RD0088K	INSTRUCTION ASSEMBLY	DVD RH1757S/RH1758S-NA9SSL	
			802	3890R-C332F	BOX	RH1758S NA9SSL SW3-A	
			803	3920R-E193A	PACKING	VCR RH18 RH19 . VIDEO	
			804	292-053B	BAG	SOFT(MIDI)	NSP
			808	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
			900	6711R1P108F	REMOTE CONTROLLER ASSEMBLY	H3 RH1757P1 NA8SLL LG W/O HDMI	
			CABLE5	6850R-EA19Y	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 190 C	
*** CABLE ASSEMBLY ***							
			810	6851R-0099A	CABLE ASSEMBLY	RF PAL DOUBLE SHIELD 1.2M BLAC	
			806	6850R-CAA2H	CABLE,COAXIAL	RF PAL DOUBLE SHIELD DT_HY_HIT	
			821	6850R-SUA8F	CABLE,COAXIAL	SCART TO SCART 21 PIN DT_HY_HI	
*** BOARD ASSEMBLY ***							
			A46	3501R-9009C	BOARD ASSEMBLY	DVD D/L (RH1000) DI	
			AR1201	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1202	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1203	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1204	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1205	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1206	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1207	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1208	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1209	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1251	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1252	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1253	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1254	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1259	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1260	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1261	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1262	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1263	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1264	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1401	0RR1002Q62C	RESISTOR,DRAWING	100 OHM 1/16W 5.00% 3216 8	
			AR1402	0RR1002Q62C	RESISTOR,DRAWING	100 OHM 1/16W 5.00% 3216 8	
			AR1601	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1602	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1603	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1604	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		AR1605	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1606	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1607	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1608	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		C1177	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1178	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1179	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1180	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1182	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1183	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1184	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1185	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1186	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1187	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1188	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1189	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1190	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1191	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1192	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1193	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1194	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1199	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C11A2	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1201	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1233	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1234	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1235	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1281	0CS337GD6DC	CAPACITOR,FIXED TANTALUM	330UF 7343 10V 20% SMD R/TP(SM	
		C1282	0CS337GC6DC	CAPACITOR,FIXED TANTALUM	330UF 7343 6.3V 20% SMD R/TP(S	
		C1283	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1284	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1301	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1302	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1303	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1306	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1307	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1308	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1309	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1310	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1410	0CH4221K412	CAPACITOR,FIXED CERAMIC(HIGH D	220PF 50V 5% NP0 1608 R/TP	NSP
		C1411	0CH1224K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.22UF 50V 10% B(5YP) 1608 R/T	
		C1412	0CH1475D946	CAPACITOR,FIXED CERAMIC(TEMP.C	4.7UF 10V 80%,-20% Y5V(F) 2012	
		C1415	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		D1101	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D1102	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		IC1101	0ILNR00160A	IC,LINEAR	DMN-8653 LSI LOGIC 388PIN,BGA	
		IC1201	0IMMRFU017A	IC,MEMORIES	S29GL064M90TCIR20 FUJITSU 48PI	
		IC1201	0IMMRMR029A	IC,MEMORIES	MX29LV640MTTC-90G MACRONIX 48P	ALTERNATE
		IC1202	0IMMR00045B	IC,MEMORIES	HYB25D(C)512160CE-5 INFINEON 6	
		IC1202	0IMMR00046C	IC,MEMORIES	HY5DU121622CTP-D43 HYNIX 66PIN	ALTERNATE
		IC1204	0IPMG00017A	IC,POWER MANAGEMENT	G2995F1UF GMT 8PIN,SOP-8L R/TP	
		IC1305	0ISTLPH039A	IC,STANDARD LOGIC	74LVC04APW PHILIPS 14PIN TSSOP	
		IC1306	0ISTLPH040A	IC,STANDARD LOGIC	74LVC08APW PHILIPS 14PIN TSSOP	
		IC1401	0IPRPTI044A	IC,PERIPHERALS	TSB41AB1PHPG4 TEXAS INSTRUMENT	
		L1124	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1125	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1126	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L1128	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1129	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1130	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1131	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1132	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1133	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1134	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1135	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1137	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1403	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		LD1101	0DL210008GA	LED	SML-210MT R/TP ROHM GREEN 16	
		PML07	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		PML08	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		PMT05	6630XE00116	CONNECTOR (CIRC),FFC/FPC	04-6232-016-010-800+ ELCO 16P	
		R1101	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1103	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1104	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1105	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1106	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1107	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1108	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1109	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1110	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1111	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1112	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1113	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1114	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1115	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1116	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1117	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1118	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1119	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1120	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1121	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1132	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1133	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1134	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1135	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1136	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1137	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1138	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1139	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1140	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1141	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1142	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1143	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1144	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1145	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1146	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1147	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1159	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1163	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1164	0RJ1101D477	RESISTOR,METAL GLAZED(CHIP)	1.1K OHM 1/10 W 1% 1608 R/TP	
		R1171	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1172	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1173	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R1174	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1411	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1412	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1413	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1414	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1415	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1416	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1417	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1418	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1419	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1420	0RH5101C622	RESISTOR,METAL GLAZED(CHIP)	5100 OHM 1 / 16 W 1608 5.00% D	
		R1421	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R1422	0RH6201C622	RESISTOR,METAL GLAZED(CHIP)	6200 OHM 1 / 16 W 1608 5.00% D	
		R1423	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1424	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1615	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1616	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1617	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1632	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1633	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1634	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		X1101	6212AB2136C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 13.5MHZ +/- 15	
		X1401	6212AB2246C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 24.576MHZ +/-	
		ZD1101	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1102	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1103	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1104	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1105	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1106	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1107	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1108	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		C1103	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1104	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1105	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1106	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1108	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1110	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1111	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1112	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1113	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1114	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1115	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1116	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1117	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1118	0CH7476D651	CAPACITOR,FIXED TANTALUM	47UF 10V 20% 6032 TP(-)	
		C1120	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1121	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1122	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1123	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1124	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1125	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1126	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1127	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1128	0CH7476C621	CAPACITOR,FIXED TANTALUM	47UF 6.3V 20% 3528 TP(-)	
		C1130	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1131	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1132	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1133	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C1236	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1237	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1238	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1239	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1240	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1241	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1242	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1243	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1244	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1245	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1246	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1247	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1248	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1249	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1250	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1251	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1252	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1253	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1254	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1255	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1256	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1257	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1258	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1259	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1260	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1261	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1285	0CH7226D621	CAPACITOR, FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1286	0CH7226D621	CAPACITOR, FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1401	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1402	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1403	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1404	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1405	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1406	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1407	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1408	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1409	0CH1103K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1413	0CH4220K412	CAPACITOR, FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		C1414	0CH4220K412	CAPACITOR, FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		C1450	0CH7226D621	CAPACITOR, FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1451	0CH7226D621	CAPACITOR, FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1601	0CH1104K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1602	0CH4220K412	CAPACITOR, FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		IC1302	0ISTLFA125A	IC, STANDARD LOGIC	74LVTH273MTCX FAIRCHILD 20PIN,	
		L1101	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1120	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1121	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1122	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1123	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1127	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1138	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1139	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1140	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1141	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1142	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1143	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1144	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L1145	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1146	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1401	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1402	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L1404	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1405	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1406	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1407	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		PMV01	6630R-BE034	CONNECTOR (CIRC),BOARD TO BOAR	2254-30S-T/JE611-B2G-30R POWER	
		PMV02	6630R-BE034	CONNECTOR (CIRC),BOARD TO BOAR	2254-30S-T/JE611-B2G-30R POWER	
		PMV04	6630B00147A	CONNECTOR (CIRC),BOARD TO BOAR	JE611-B2T-12S JAE EUN 12P 2.0M	
		R1122	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1123	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1124	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1125	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1126	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1127	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1128	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1129	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1130	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1131	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1149	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1156	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1184	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1185	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1187	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1188	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1190	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1192	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1194	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1195	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1198	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1199	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A3	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A4	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A5	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11E7	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R11E9	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1208	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1218	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1219	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1220	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1227	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1228	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1301	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1302	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1303	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1304	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1305	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1306	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1307	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1308	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1601	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1602	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1603	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1604	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1605	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1606	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1607	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1608	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1609	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1610	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1611	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1612	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1613	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1614	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1618	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1619	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1620	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1621	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1622	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1623	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1624	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1625	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1626	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1627	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1628	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1629	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1630	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1631	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		IC1301A	6957R-1881A	PROGRAM	RH1000 PAL PROGRAM	
*** BOARD ASSEMBLY ***						
		A52	3501R-669AS	BOARD ASSEMBLY	DVD RH1758S .NA9SSL	
		274	3300R-D089A	PLATE	RH1000 PRESS GROUND	
		BD801	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD802	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD803	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD804	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD805	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD807	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD808	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD809	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD811	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD812	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD813	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD814	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD815	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD816	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		BD817	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMHWA TP 2-5K	
		C151	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C153	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C154	0CE477CD638	CAPACITOR,FIXED ELECTROLYTIC	470UF SHL,SD 10V 20% FM5 TP 5	
		C155	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C157	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C159	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C160	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C162	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C163	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C165	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C166	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C601	0CE1064F638	CAPACITOR,FIXED ELECTROLYTIC	10UF SRA,SS 16V 20% FM5 TP 5	
		C603	0CE1064F638	CAPACITOR,FIXED ELECTROLYTIC	10UF SRA,SS 16V 20% FM5 TP 5	
		C604	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C605	0CE1064F638	CAPACITOR,FIXED ELECTROLYTIC	10UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C606	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C607	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C608	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C610	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C612	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C701	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C705	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C706	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C708	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C711	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C721	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C724	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C734	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C735	0CE4775C618	CAPACITOR, FIXED ELECTROLYTIC	470UF SR, SV 6.3V 20% FL TP 5	
		C739	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C741	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C750	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C759	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C762	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C763	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C766	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C767	0CE4775C618	CAPACITOR, FIXED ELECTROLYTIC	470UF SR, SV 6.3V 20% FL TP 5	
		C768	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C769	0CQ4732K409	CAPACITOR, FIXED FILM	0.047UF S 50V 5% PE TP5	
		C770	0CQ4732K409	CAPACITOR, FIXED FILM	0.047UF S 50V 5% PE TP5	
		C805	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C806	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C809	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C825	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C828	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C831	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C839	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C842	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C846	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C851	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C859	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C862	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C863	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C864	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C865	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C866	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C868	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C870	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C872	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C873	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C874	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C875	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C876	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C877	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C878	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C879	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C880	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C881	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C882	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C884	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C885	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C886	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C887	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C888	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C8A7	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8A8	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8B6	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B7	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B8	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B9	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8D1	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8D2	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8D3	0CE3364F638	CAPACITOR, FIXED ELECTROLYTIC	33UF SRA, SS 16V 20% FM5 TP 5	
		C8D4	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C902	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C904	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C905	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C906	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C907	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C908	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C910	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C911	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C913	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C914	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		IC704	0IKE704200B	IC, KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC706	0IKE703100A	IC, LINEAR	KIA7031P 3P 3.1V RESET(TAPING)	
		Q155	0TR127109AA	TRANSISTOR, BIPOLARS	KTA1271Y (KTA950) KEC TP TO92	
		Q158	0TR126809BA	TRANSISTOR, BIPOLARS	KTA1268-BL TP KEC - -	
		Q161	0TR126809BA	TRANSISTOR, BIPOLARS	KTA1268-BL TP KEC - -	
		Q163	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		Q164	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		Q165	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		X702	6212AA2148F	RESONATOR, CRYSTAL	HC-49S KITELCO 14.31818MHZ +/-	
		C161	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C164	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C168	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C602	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C616	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C618	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C707	0CH4561K412	CAPACITOR, FIXED CERAMIC(HIGH D	560PF 50V 5% NP0 1608 R/TP	
		C709	0CH4240K412	CAPACITOR, FIXED CERAMIC(HIGH D	24PF 50V 5% NP0 1608 R/TP	
		C710	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C712	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C713	0CH4150K412	CAPACITOR, FIXED CERAMIC(HIGH D	15PF 50V 5% NP0 1608 R/TP	
		C714	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C715	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C720	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C722	0CH1103K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C723	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C727	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C729	0CH4150K412	CAPACITOR, FIXED CERAMIC(HIGH D	15PF 50V 5% NP0 1608 R/TP	
		C730	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C731	0CH4270K412	CAPACITOR, FIXED CERAMIC(HIGH D	27PF 50V 5% NP0 1608 R/TP	
		C732	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C733	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C749	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C751	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C753	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C761	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C764	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C765	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C771	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C774	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C801	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C802	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C804	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		C808	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C811	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C812	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C816	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C818	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C820	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C821	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C829	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C832	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C833	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C834	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C835	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		C836	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C837	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C840	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C841	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C843	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C844	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C845	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C847	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C848	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C849	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C850	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C852	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C853	0CH4270K412	CAPACITOR, FIXED CERAMIC(HIGH D	27PF 50V 5% NP0 1608 R/TP	
		C854	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C855	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C856	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C857	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C858	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C860	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C861	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C867	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C869	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C871	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C883	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C889	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C890	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C892	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C894	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C8B1	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B2	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B3	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B4	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B5	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C901	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C915	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C916	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C917	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C918	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C991	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C992	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C993	0CH1223K562	CAPACITOR,FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C995	0CH1223K562	CAPACITOR,FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C999	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		D152	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D153	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D701	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D801	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D802	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D803	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D901	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		IC154	0IPMG78350A	IC,POWER MANAGEMENT	I1680L-TP INTERPION 8PIN,SOP R	
		IC701	0IMCR02254A	IC,MICRO CONTROLLER	MN101D10F LS MATSUSHITA 100PIN	
		IC703	0IPRPM002A	IC,PERIPHERALS	MM1510XNRE MITSUMI 6,SOT-26A R	
		IC705	0ISS241610B	IC,SAMSUNG ELECTRONICS	S524A60X51-SCT0 8P SOP TP EEPR	
		IC707	0ILNRMN001C	IC,LINEAR	SDA5650X-MSL04 PB-FREE MICRONA	
		IC801	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC802	0IPRPRH017A	IC,PERIPHERALS	BH7868FS ROHM 32PIN SSOP R/TP	
		IC803	0IPRPM009A	IC,PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		IC808	0IPRP00015A	IC,PERIPHERALS	CS4351-CZZR CIRRUS LOGIC 20PIN	
		IC901	0ILNR00162A	IC,LINEAR	SAA7137DHS PHILIPS 208PIN,QFP	
		IC903	0IPRPJR011A	IC,PERIPHERALS	NJM2521M JRC 8PIN SIP R/TP DR	
		IC904	0IPRPJR011A	IC,PERIPHERALS	NJM2521M JRC 8PIN SIP R/TP DR	
		L162	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATECH	
		L704	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L705	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L706	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L707	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L709	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L710	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L711	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L712	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L713	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L801	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L802	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L803	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L804	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L805	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L806	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L807	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L808	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L809	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L810	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L811	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L812	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L813	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L814	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L817	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L818	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L819	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L820	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L821	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L822	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L823	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L824	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L825	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L826	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L827	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L828	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L829	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L830	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L831	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L832	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L833	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L834	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L835	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L901	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L902	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L903	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L904	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L905	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L906	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L908	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L909	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L910	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L912	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L922	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L923	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L924	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L925	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L926	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L927	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L928	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L929	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L930	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		Q151	0TRAU80040A	TRANSISTOR,BIPOLARS	STB1132Y AUK KOREA REEL TAPING	
		Q152	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q153	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q156	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q159	0TRAU80040A	TRANSISTOR,BIPOLARS	STB1132Y AUK KOREA REEL TAPING	
		Q160	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q162	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q166	0TR103009AM	TRANSISTOR,BIPOLARS	KRC103S TP KEC - SOT-23 22K-22	
		Q702	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q704	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q705	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q707	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q801	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q802	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q803	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q804	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q805	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q806	0TR150409AC	TRANSISTOR,BIPOLARS	KTA1504 TP KEC - -GR-T1(ASG) C	
		Q807	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q808	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		R151	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R152	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R153	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R154	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R155	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R156	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R157	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R158	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R161	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R163	0RH1801D422	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 10 W 2012 1.00% D	
		R164	0RJ3601E472	RESISTOR,METAL GLAZED(CHIP)	3.6K OHM 1/8 W 1% 2012 R/TP	
		R165	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R166	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R167	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R168	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R169	0RH1001D422	RESISTOR,METAL GLAZED(CHIP)	1000 OHM 1/10 W 0.01 2012 R/TP	
		R170	0RH0512D422	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 10 W 2012 1.00% D	
		R171	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R172	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R173	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R174	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R176	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R177	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R178	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R179	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R180	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R181	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R183	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R184	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R185	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R186	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R187	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R191	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R192	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R193	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R195	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R701	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R703	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R705	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R706	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R707	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R708	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R709	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R710	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R711	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R712	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R714	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R715	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R716	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R717	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R718	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R719	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R720	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R722	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R725	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R726	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R727	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R728	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R729	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R730	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R731	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R732	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R733	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R735	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R736	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R737	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R738	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R739	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R740	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R741	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R742	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R743	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R744	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R745	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R747	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R751	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R752	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R753	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R754	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R762	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R764	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R766	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R767	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R768	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R769	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R771	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R772	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R773	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R774	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R775	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R777	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R778	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R779	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R780	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R781	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R782	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R783	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R784	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R785	0RH1204C622	RESISTOR,METAL GLAZED(CHIP)	1.2M OHM 1 / 16 W 1608 5.00% D	
		R787	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R789	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R791	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R792	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R793	0RH1204C622	RESISTOR,METAL GLAZED(CHIP)	1.2M OHM 1 / 16 W 1608 5.00% D	
		R794	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R795	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R796	0RH9102C622	RESISTOR,METAL GLAZED(CHIP)	91K OHM 1 / 16 W 1608 5.00% D	
		R797	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R798	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R799	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R801	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R802	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R803	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R804	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R805	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R806	0RH2203C622	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R807	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R808	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R809	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R810	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R811	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R812	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R813	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R814	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R815	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R816	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R817	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R818	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R819	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R820	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R821	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R822	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R823	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R824	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R825	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R826	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R827	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R828	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R829	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R831	0RH2203C622	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R834	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R835	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R836	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R837	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R838	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R839	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R842	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R844	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R845	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R846	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R847	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R848	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R849	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R850	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R851	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R852	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R853	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R854	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R855	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R857	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		R858	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R859	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R860	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R861	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R862	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R864	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R865	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R866	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R868	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		R869	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		R870	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R871	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R872	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R873	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R874	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R876	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R877	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R881	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R882	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R883	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R884	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R885	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R8A1	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8A2	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A3	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A4	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8A5	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8A7	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R8A8	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A9	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R8U1	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8U2	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8U3	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8U4	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8U5	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8U6	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R901	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R902	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R903	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R905	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R909	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R910	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R911	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R913	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R914	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R916	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R918	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R919	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R920	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R923	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R924	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R925	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R926	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R928	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R930	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R932	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R933	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R934	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R938	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R939	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R940	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R941	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R942	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R943	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R944	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R945	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R946	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R947	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R948	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R950	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R951	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R952	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R953	0RH2401C622	RESISTOR,METAL GLAZED(CHIP)	2.4K OHM 1 / 16 W 1608 5.00% D	
		R954	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R956	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R962	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R964	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R965	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R969	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R970	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R971	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R976	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R977	0RH3001C622	RESISTOR,METAL GLAZED(CHIP)	3K OHM 1 / 16 W 1608 5.00% D	
		R978	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R979	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R982	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R985	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R989	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R990	0RH1000D622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 10 W 2012 5.00% D	
		R991	0RH1000D622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 10 W 2012 5.00% D	
		R993	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R994	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R995	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R996	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R997	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R999	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		X901	6212AB2246C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 24.576MHZ +/-	
		ZD151	0DZ021209BA	DIODE,ZENERS	Z02W12Y(CHIP) KEC	
		ZD152	0DZ021209BA	DIODE,ZENERS	Z02W12Y(CHIP) KEC	
		ZD801	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD802	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD803	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD804	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD805	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD811	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD821	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD822	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD823	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD824	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD825	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD826	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD827	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD828	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD829	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD830	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD834	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD836	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD837	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD838	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD839	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD840	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD841	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD842	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD843	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD844	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD847	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD850	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD851	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD853	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD861	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD863	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD865	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD866	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		ZD867	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD868	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD869	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD870	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD871	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD872	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD875	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD876	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		D154	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		D155	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		IC151	0IPMGKE045A	IC,POWER MANAGEMENT	KIA278R25PI 2.5V 2A KEC TO220I	
		IC152	0IPMGGM002A	IC,POWER MANAGEMENT	G9133 GMT 4PIN,TO 220F-4L ST 1	
		IC152	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	ALTERNATE
		IC152	0ISH313000C	IC,POWER MANAGEMENT	PQ3RD13LJ000H 4PIN TO-220 ST 3	ALTERNATE
		IC152	0IPMGKE006B	IC,POWER MANAGEMENT	KA78R33PI CU KEC 4P TO-220IS	ALTERNATE
		IC153	0IPMGFA032A	IC,POWER MANAGEMENT	KIA78R05TSTU FAIRCHILD 4P TO-22	
		IC153	0IPMGKE018A	IC,POWER MANAGEMENT	KIA78R05API CU KEC 4P TO-220IS	ALTERNATE
		JK801	6612M00004B	JACK,SCART	HR-DM2497S-0(BL-BK) HYUSUNG BL	
		JK802	6612J00048G	JACK,RCA	ATT-6dB YUQIU RCA-1204B-04-01	
		JK803	6612K00003D	JACK,FIBER OPTIC	JST1164 SOLTEAM	
		JK804	6612JH002NB	JACK,RCA	RCA-104-03(RED) YUQIU	
		JK805	6612JH002NA	JACK,RCA	RCA-104-02(WHITE) YUQIU	
		JK806	6612JH002NC	JACK,RCA	RCA-104-05(YELLOW) YUQIU	
		JK807	6612B00010A	JACK,DIN	PSJ 007B(S-VHS-JACK) PARK ELE	
		JK808	6630SD01104	CONNECTOR (CIRC),USB	YFK45-5002 JALCO 4P 0.8MM	
		JK809	6612BBBH5A	JACK,DIN	SCN556S4GTTB000 S-VIDEO HYUSUN	
		PVM01	6630R-BE024	CONNECTOR (CIRC),BOARD TO BOAR	2254-30P-T/JE611-A2T-30T POWER	
		PVM02	6630R-BE024	CONNECTOR (CIRC),BOARD TO BOAR	2254-30P-T/JE611-A2T-30T POWER	
		PVM03	6630R-BE01L	CONNECTOR (CIRC),BOARD TO BOAR	JE612-12 JAE EUN 12P 2.0MM	
		PVX02	561-711D	CONNECTOR (CIRC),HOUSING	GIL-S-04P-S2T2-EF LG CABLE 4PI	
		PWVS1	6630R-BF07L	CONNECTOR (CIRC),BOARD TO BOAR	JE117-A8T-12 JAE EUN 12P 2.54M	
		Q154	0TR115100AA	TRANSISTOR,BIPOLARS	KSB1151-Y BK SAMSUNG - TO-126	
		SW801	6600Q000048	SWITCH,SLIDE	CSS-4207 CHANG SHIN 30VDC 0.1A	
		TU701	6700PFPL08A	TUNER	TADS-S101D LGIT PAL FS SILM- P	
		X701	6202R-DA01B	RESONATOR,CRYSTAL	CFS-308 CITIZEN 32.768KHZ +/-	
*** COVER ASSEMBLY ***						
		A26	3551R-5588B	COVER ASSEMBLY	DVD 160GB (RH1000,DI)	
		101	3550R-8001A	COVER	DVD RH1000 PRESS HDD	
		103	3300R-D113A	PLATE	RH1000 PRESS HDD	
		104	6744BSUN21A	HDD,3.5"	ST3160022ACE SEAGATE 160GB ULT	
		104	6744BSUN29A	HDD,3.5"	HDT722516DLAT80 HGST 160GB ATA	ALTERNATE
		410	1SMBC81018A	SCREW MACHINE,BINDING HEAD	2 - L1.0 -	
		468	1SZZR-0098J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FZMZY-1 3	
		A53	6871R-5588A	PWB(PCB) ASSEMBLY,TOTAL	HDD ASSY (DI) RH1000	
		PLL1602	6630VL1004Z	CONNECTOR (CIRC),WAFER	JE610C-A2.54-G40-ST JAE EUN 40	
		PLM1601	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		CABLE10	6631R-H005C	CONNECTOR ASSEMBLY	NEW CH0508/NEW CH0508/SMH200 4	
		CABLE11	6850R-EA32Z	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 320 C	
*** PWB(PCB) ASSEMBLY,TOTAL ***						
		A55	6871R-2666A	PWB(PCB) ASSEMBLY,TOTAL	LOADER (DI) RH1000	
		PLL1604	6630VL1004Z	CONNECTOR (CIRC),WAFER	JE610C-A2.54-G40-ST JAE EUN 40	
		PLM1603	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
*** DECK ASSEMBLY,DVD ***						
		A60	6721RFN021A	DECK ASSEMBLY,DVD	DECK/MECHA RS-01A, MD(DR-09)+M	
		1439	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		1431	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
		A001	3551R-0677B	COVER ASSEMBLY	DECK/MECHA RS-01A TOP, DI	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		1001	3550H-1116A	COVER	COVER-CABINET XENON COMMON USE	
		1002	3550R-2003A	COVER	DVD TOP(DR-09) PRESS 0.6T(RS-0	
		1003	4861R-0021B	CLAMP ASSEMBLY	DECK/MECHA DR-09 (RS-01A) DI	
		1048	3551R-0678B	COVER ASSEMBLY	DECK/MECHA RS-01A BOTTOM, DI	
		1046	5040H-1074D	RUBBER	JW1 GWA-4083B GR-D 12X12XT1 1.	
		1047	3550R-2004A	COVER	DVD BTM(DR-09) PRESS 0.5T(RS-0	
		A002	6721R-D021B	DECK ASSEMBLY,DVD	DECK/MECHA DR-09 MD, DI	
		1011	3040H-1138A	BASE	UP DOWN NM LUPOS GP2100	
		1012	4974H-1117A	GUIDE	UP DOWN NM KEPITAL F20-03	
		1013	4470H-1164A	GEAR	LOADING NM KEPITAL F20-03	
		1014	4510H-1070A	LEVER	EMERGENCY NM KEPITAL F20-03	
		1015	4400H-1014A	BELT	LOADING NM	
		1016	4560H-1018A	PULLEY	GEAR NM KEPITAL F20-03	
		1017	4470H-1163A	GEAR	IDLE NM KEPITAL F20-03	
		1019	4560H-1005A	PULLEY	MOTOR(GM-R512)	
		1020	3040R-D026A	BASE	MAIN(DR-09) MOLD (RS-01A)	
		1026	3390R-0037A	TRAY	DVD DISC(DR-09) MOLD (RS-01A)	
		1038	4930H-1127A	HOLDER	SHAFT NM(DVDW) POM	
		1041	5040H-1103C	RUBBER	FRONT NM(DVDW) 35 - KEEPER	
		1432	1SZZH-1072D	SCREW,DRAWING	+ D2.0 4.5MM SWRCH16A/ZNW 4MM	
		1437	1SZZH-1003E	SCREW,DRAWING	+ D2.0 13MM SWRCH16A/NIY 4.5M	
		A005	6871R-0P54B	PWB(PCB) ASSEMBLY,TOTAL	RS-01A FRONT, DI	
		1032	4810H-1105A	BRACKET	DVA NM(DVDW) 2T SECC DVDW	
		1033	4810H-1108A	BRACKET	BRACKET W/B JW3 SECC 1.6T -	
		1034	5040H-1078A	RUBBER	ANTI-SHOCK GCC-4120B ,	
		1042	558-026I	SWITCH,TACT	JTP-1236A JEIL - - TACT	
		1043	6600HXF102A	SWITCH,DETECTOR	MPU20160MLB0 MIC DC 5-0 V 0-	
		1043	6600KW3004C	SWITCH,MICRO	SW2AB-254-10 SHINMEI 5VDC 10MA	ALTERNATE
		1044	6630X60119A	CONNECTOR (CIRC),FFC/FPC	FCZ100E-07RSK YEON HO 7P 1.0MM	
		1045	6850R-GG64Z	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 7	
		1434	1SZZH-1072E	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNW 4MM	
		1018	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		1025	5040H-1104C	RUBBER	REAR NM(DVDW) 30 - KEEPER	
		1036	4680HP5025C	MOTOR(MECH)	SPS-15RF-172KPA MOATECH STEPPI	
		1030	6850R-EA78Z	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 78 D-	
		LAR106	0RRZVTA0018	RESISTOR,DRAWING	47 OHM 1 / 16 W 1608*4 5% R/TP	
		LAR107	0RRZVTA0018	RESISTOR,DRAWING	47 OHM 1 / 16 W 1608*4 5% R/TP	
		LAR261	0RRZVTA0014	RESISTOR,DRAWING	10K OHM 1/16W 3216 5% R/TR 8T4	
		LC102	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC103	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC104	0CK106FF94A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC105	0CK106FF94A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC107	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC108	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC116	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC117	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC118	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC120	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC128	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC132	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC133	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC134	0CH1153K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC135	0CH4331K412	CAPACITOR,FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC136	0CH1153K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC137	0CH4331K412	CAPACITOR,FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC139	0CH4331K412	CAPACITOR,FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC140	0CH1153K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC141	0CH1182K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC143	0CH1182K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC144	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC146	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC149	0CH4271K412	CAPACITOR, FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		LC150	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC151	0CH4392K412	CAPACITOR, FIXED CERAMIC(HIGH D	3900PF 50V 5% NP0 1608 R/TP	
		LC153	0CH4681K412	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 1608 R/TP	
		LC154	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC159	0CH1822K562	CAPACITOR, FIXED CERAMIC(TEMP.C	8200PF 50V 10% X7R(X) 1608 R/T	
		LC161	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC163	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC165	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC175	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC202	0CH1153K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC223	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		LC224	0CH1563K516	CAPACITOR, FIXED CERAMIC(TEMP.C	0.056UF 50V 10% B(5YP) 2012 R/	
		LC226	0CH1823F562	CAPACITOR, FIXED CERAMIC(TEMP.C	82000PF 16V 10% X7R(X) 1608 R/	
		LC228	0CH1822K562	CAPACITOR, FIXED CERAMIC(TEMP.C	8200PF 50V 10% X7R(X) 1608 R/T	
		LC238	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC255	0CH4220K412	CAPACITOR, FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		LC261	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC262	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC263	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC264	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC266	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC273	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC274	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC303	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC304	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC305	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC307	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC311	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC318	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC352	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC353	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC354	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC406	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC508	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LIC101	0ILNR00023A	IC, LINEAR	AN22138A-VT MATSUSHITA 32 PIN,	
		LIC121	0ILNR00022A	IC, LINEAR	AN22113A-VT MATSUSHITA 128 PIN	
		LIC201	0IMCR02031A	IC, MICRO CONTROLLER	MN103SA6GSJ MATSUSHITA 216 PIN	
		LIC261	0IMMRHY001G	IC, MEMORIES	HY57V161610ETCP-7(0.15UM) HYNI	
		LIC261	0IMMRREB006C	IC, MEMORIES	M12L16161A-7T ESMT 50PIN, TSOP	ALTERNATE
		LIC261	0IMMRREO002A	IC, MEMORIES	EM636165TS-7G ETRON 54PIN, TSOP	ALTERNATE
		LIC271	0IPMGRH014A	IC, POWER MANAGEMENT	BD5233G-TR ROHM SMP5C2 R/TP 3.	
		LIC301	0ILNR00045A	IC, LINEAR	BD7956FS ROHM 36PIN, HSOP R/TP	
		LIC401	0IPMGRH015B	IC, POWER MANAGEMENT	BA3259HFP ROHM 5PIN/HRP5 R/TP	
		LL101	6140R-G006A	COIL, TRAP FM	LEMC3225T100K SMD TAIYO TP	
		LL102	6140R-G006A	COIL, TRAP FM	LEMC3225T100K SMD TAIYO TP	
		LR102	0RH1002C422	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 1.00% D	
		LR113	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR114	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR155	0RH1202C422	RESISTOR, METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		LR207	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR218	0RH8201C622	RESISTOR, METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		LR221	0RJ1004C677	RESISTOR, METAL GLAZED(CHIP)	1M OHM 1/16 W 5% 1608 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LR222	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR231	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		LR250	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR265	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR295	0RJ2202D477	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1/10 W 1% 1608 R/TP	
		LR301	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR302	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR303	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR304	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR305	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR306	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR319	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR320	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR322	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR365	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR401	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		LR402	0RH3001C622	RESISTOR,METAL GLAZED(CHIP)	3K OHM 1 / 16 W 1608 5.00% D	
		LX201	6212BB3241A	RESONATOR,CERAMIC	CSTCE16M9V53R-0 MURATA 16.934M	
		LAR263	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR271	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR272	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR273	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR274	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR275	0RRZVTA001V	RESISTOR,DRAWING	82 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR276	0RRZVTA0014	RESISTOR,DRAWING	10K OHM 1/16W 3216 5% R/TR 8T4	
		LC110	0CK475DC6CA	CAPACITOR,FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC121	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC122	0CH4221K412	CAPACITOR,FIXED CERAMIC(HIGH D	220PF 50V 5% NP0 1608 R/TP	
		LC123	0CH4331K412	CAPACITOR,FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC124	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC125	0CK475DC6CA	CAPACITOR,FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC126	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC127	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC129	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC138	0CH1153K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC142	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC145	0CH1223K562	CAPACITOR,FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		LC148	0CH1182K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC152	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC155	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC156	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC157	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC158	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC162	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC164	0CH1332K562	CAPACITOR,FIXED CERAMIC(TEMP.C	3300PF 50V 10% X7R(X) 1608 R/T	
		LC170	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC171	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC172	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC201	0CK106EDD7A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC207	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC212	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC213	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC214	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC218	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC219	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC220	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC221	0CK124DH56A	CAPACITOR,FIXED CERAMIC(HIGH D	0.12UF 2012 25V 10% R/TP X7R	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC222	0CK475DC6CA	CAPACITOR, FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC225	0CH1562K562	CAPACITOR, FIXED CERAMIC(TEMP.C	5600PF 50V 10% X7R(X) 1608 R/T	
		LC230	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC231	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC232	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC233	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC234	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC235	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC236	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC237	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC239	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC240	0CH1333K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.033UF 50V 10% B(5YP) 1608 R/	
		LC241	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC242	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC245	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC246	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC247	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC248	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC267	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC268	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC269	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC271	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		LC306	0CK106FF94A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC308	0CH4271K412	CAPACITOR, FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		LC309	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC310	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC312	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC313	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC315	0CK106FF94A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC317	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC319	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC321	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC322	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC323	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC324	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC325	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC326	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC327	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC328	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC333	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC334	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC335	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC336	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC337	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC388	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		LC401	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC402	0CS476HD6DC	CAPACITOR, FIXED TANTALUM	47UF 3528 10V 20% SMD R/TP(SMD	
		LC403	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC404	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC405	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC413	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC414	0CH8107F621	CAPACITOR, FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC415	0CH8107F621	CAPACITOR, FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC416	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC509	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC510	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC514	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC515	0CK106EDD7A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC518	0CK106EDD7A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC520	0CH8107F621	CAPACITOR,FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC521	0CK106EDD7A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC522	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LIC262	0IMMRMR019F	IC,MEMORIES	MX29LV160CBTC-70G MACRONIX 48P	
		LL302	6200HJC106A	FILTER(CIRC),EMC	HH-1M2012-121JT CERATECH TP 2	
		LL402	6200HJC106A	FILTER(CIRC),EMC	HH-1M2012-121JT CERATECH TP 2	
		LL403	6200HJC106A	FILTER(CIRC),EMC	HH-1M2012-121JT CERATECH TP 2	
		LPF303	6630X60074D	CONNECTOR (CIRC),FFC/FPC	04 6232 107 111 801+ KYCERA EL	
		LPM101	6630HXE440E	CONNECTOR (CIRC),FFC/FPC	04 6240 045 013 894+ ELCO 45P	
		LPM301	6630X60108A	CONNECTOR (CIRC),FFC/FPC	04-6232-113-111-801 KYCERA ELC	
		LPM302	6630XE00204	CONNECTOR (CIRC),FFC/FPC	04-6232-504-015-800 ELCO 4P 1.	
		LR116	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR117	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR122	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		LR123	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		LR201	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR204	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		LR210	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		LR212	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		LR213	0RJ3601C477	RESISTOR,METAL GLAZED(CHIP)	3.6KOHM 1/16 W 1% 1608 R/TP	
		LR224	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		LR225	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		LR227	0RJ1501C477	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1/16 W 1% 1608 R/TP	
		LR228	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		LR229	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR230	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR233	0RJ5601C477	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1/16 W 1% 1608 R/TP	
		LR236	0RJ0332C477	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR237	0RJ0332C477	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR248	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR260	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR261	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR262	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR266	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR267	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR273	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR274	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR275	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR276	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR279	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR281	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR282	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR283	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR284	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR285	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR286	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR287	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR288	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR291	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR296	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR298	0RJ0332C477	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR310	0RH1803C622	RESISTOR,METAL GLAZED(CHIP)	180K OHM 1 / 16 W 1608 5.00% D	
		LR312	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR313	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR316	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LR317	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR323	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR368	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR511	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		LR522	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR523	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LPB271	6630B00077F	CONNECTOR (CIRC),BOARD TO BOAR	AA3G88-G2K2L-P P-TWO 55PIN 2.5	
*** BOARD ASSEMBLY ***						
		A47	3501R-2332A	BOARD ASSEMBLY	DVD SMPS(CIS,EUROP,WIDE) 450V/	
		IC101	0IPMG78398A	IC,POWER MANAGEMENT	STR-W6251 SANKEN 6PIN,TO-220F-	
		BC101	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		BD101	0DRVH00060A	DIODE,RECTIFIERS	GBL08L-5701E3-22 VISHAY BK GBL	
	▲	C101	624-088F	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
	▲	C102	624-088F	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
		C103	0CE127JV640	CAPACITOR,FIXED ELECTROLYTIC	120UF SMH,HC 450V 20% FM10 BUL	
		C104	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C105	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C106	624-087G	CAPACITOR,FIXED CERAMIC(HIGH D	HIGH-VOL 68PF/1KV SMPS SAMHWA	
		C107	0CQ1521N409	CAPACITOR,FIXED FILM	0.0015UF D 100V 5% PE TP5	
		C108	0CQ4721N409	CAPACITOR,FIXED FILM	0.0047UF D 100V 5% PE TP5	
		C109	0CE336BH638	CAPACITOR,FIXED ELECTROLYTIC	33UF KME TYPE 25V 20% FM5 TP 5	
		C112	0CG1020U630	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF D 400V 20% E(Z5U) R	
		C113	0CG1020U630	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF D 400V 20% E(Z5U) R	
		C120	0CE2276F638	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FM5 TP 5	
		C121	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C122	624-085D	CAPACITOR,FIXED ELECTROLYTIC	CE 47UF/50V KME (SMPS)	
		C123	0CE108EH610	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 25V 20% BULK FL	
		C124	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C125	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C126	624-085D	CAPACITOR,FIXED ELECTROLYTIC	CE 47UF/50V KME (SMPS)	
		C133	624-082G	CAPACITOR,FIXED ELECTROLYTIC	CE 470UF/25V SHL(10*12.5)T/P	
		C134	624-082H	CAPACITOR,FIXED ELECTROLYTIC	CE 1000UF/10V SHL(10*12.5)T/P	
		C135	624-082H	CAPACITOR,FIXED ELECTROLYTIC	CE 1000UF/10V SHL(10*12.5)T/P	
		C143	0CQ6831N409	CAPACITOR,FIXED FILM	0.068UF D 100V 5% PE TP5	
		C155	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C156	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		D101	0DRRE00163A	DIODE,RECTIFIERS	1F7(U FORMING) RECTRON BK NON	
		D102	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D121	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D122	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D124	0DSGF00040A	DIODE,SWITCHING	UF5402-M11 GULF BK DO201AD 200	
		D125	0DSKE00141B	DIODE,SWITCHING	B5A60VI , 4MM CUTTING KEC ST T	
		D125	0DSNH00020B	DIODE,SWITCHING	FSQ05A06 4MM CUTTING NIHON INT	ALTERNATE
		D126	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D128	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		D128	0DSDI00090A	DIODE,SWITCHING	SB360 DIODES BK DO201AD 60V 3A	ALTERNATE
	▲	F101	0FS1601B51D	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS/J	
	▲	FH01	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
	▲	FH02	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
	▲	FR121	0RF0200F708	RESISTOR,VARIABLE[CARBON FILM]	0.2 OHM 1/6 W 10% TA26	
	▲	IC102	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
	▲	IC102	6500RDB010A	SENSOR	PC123YN2J00F SHARP PHOTOCOUPLE	ALTERNATE
		IC103	0IKE431000A	IC,KEC	KIA431 3 PIN TP - -	
		IC103	0ISS431000A	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ) - - - -	ALTERNATE
		IC155	0IPMGKE048A	IC,POWER MANAGEMENT	KIA278R12PI-CU KEC 4PIN,TO220I	
		IC155	0IPMG78356A	IC,POWER MANAGEMENT	G9212 GMT 4PIN,TO-220F-4L STIC	ALTERNATE
		IC156	0IPMGFA006C	IC,POWER MANAGEMENT	KA378R05-TSTU FAIRCHILD 4PIN,T	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		IC156	0IPMGKE053B	IC,POWER MANAGEMENT	KIA378R05PI-CU KEC 4PIN,TO-220	ALTERNATE
		L102	6200JB8013R	FILTER(CIRC),EMC	SQ2626 SAMWAH TECOM BK SQ2424	
		L123	6140RCC003H	COIL,RF	CHOKE COIL 22 UH 8X8 5 PIE SAM	
		L124	6140RCC009A	COIL,RF	BAR CHOKE COIL 2 PIN 10 UHCCAR	
		L125	6140RCC003H	COIL,RF	CHOKE COIL 22 UH 8X8 5 PIE SAM	
		P104	561-661B	CONNECTOR (CIRC),HOUSING	5267-02A MOLEX 2PIN 2-54MM STR	
		P1701	6630R-BF03K	CONNECTOR (CIRC),BOARD TO BOAR	JE121-12 JAE EUN 12P 2.54MM	
		P1D01	6630R1P005B	CONNECTOR (CIRC),WAFER	JE202-1-T-04 JAE EUN 4P 3.96MM	
	▲	PW101	561-292B	CONNECTOR(CIRC),DRAWING	GP390 LGC 3P 3.96 STRAIGHT SN	
		R100	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R104	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R105	0RD0182F608	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R109	0RS0300K618	RESISTOR,FIXED METAL OXIDE FIL	0.3 OHM 2 W 5% RT5	
		R122	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R131	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R141	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R142	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R143	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R144	0RN3301F408	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1% TA26	
		R145	0RN2701F408	RESISTOR,FIXED METAL FILM	2.7K OHM 1/6 W 1% TA26	
		R146	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R147	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R155	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R156	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R160	0RS1200J619	RESISTOR,FIXED METAL OXIDE FIL	120 OHM 1 W 5.00% TR	
		R181	0RD0222F608	RESISTOR,FIXED CARBON FILM	22 OHM 1/6 W 5% TA26	
		R191	0RD0222F608	RESISTOR,FIXED CARBON FILM	22 OHM 1/6 W 5% TA26	
		T101	6170RNGW23Q	TRANSFORMER,SMPS[COIL]	EER3534 SAMWHA,KESAN RH100 FOR	
	▲	TH01	6322B62204A	THERMISTOR,PTC	NTPAN4R0LDRB0 MURATA 4.0OHM 15	
	▲	V101	656-004C	VARISTOR,DRAWING	SVC681D-10A SAMHWA 4.O CUT	
		ZD101	0DZ332609DA	DIODE,ZENERS	UZ-33BSD 26MM TP PYUNG CHANG	
		ZD103	0DZ120009BH	DIODE,ZENERS	UZ-12BSC PYUNG CHANG TP26 DO34	
		ZD121	0DZ332609FA	DIODE,ZENERS	UZ-3.3B TP PYUNG CHANG DO34 0.	
		D127	0DSKE00141A	DIODE,SWITCHING	B5A60VI KEC ST TO-220IS 60V 5A	
*** CHASSIS ASSEMBLY ***						
		A44	3141R-D082B	CHASSIS ASSEMBLY	RH1000 MAIN EROUPE	
		260	3140R-D030A	CHASSIS	RH1000 PRESS MAIN	NSP
		261	5040R-0069Q	RUBBER	DVD DV9000S OTHER 05 NEW FOOT	
		262	4986R-0030L	GASKET	DVD RH1000 OTHER W20*L40*H25 E	
		264	4930R-8001A	HOLDER	DVD RH1000 MOLD MAIN PCB	
		265	4930R-0348A	HOLDER	POWER CORD (DV6000)	
		267	5900R-D023C	FAN,DC	FD124015LS(1N2K) YSTECH 40X40X	
		268	4930R-0558A	HOLDER	DVD DR7000 MOLD FAN	
		320	3720R-D138B	PANEL,VIDEO	DVD RH/DR10 PRESS BACK EROUPE	
		465	1SZZR-0097N	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZB 3CR BK	
		467	1SZZR-0098X	SCREW,DRAWING	+ 2 D3.0 L20.0 MSWR3/FZB 3CR	
*** BOARD ASSEMBLY ***						
		A43	3501RF7701F	BOARD ASSEMBLY	DVD RH1758S NA9SSL FRONT	
		275	3300RCH001B	PLATE	DKS-5000 PRESS GND 14MM	
		280	3721R-F971F	PANEL ASSEMBLY,FRONT	DVD RH1758S NA9SSL FRONT PANEL	NSP
		452	1SZZR-0098A	SCREW,DRAWING	+ 2 D3.0 L10.0 MSWR3/FZMZY-1 3	
		A50	6871R-9664A	PWB(PCB) ASSEMBLY,TOTAL	6,7,8 TOOL (FRONT) RH1000	
		C901	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C902	0CH1223K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.022UF 50V 80%,-20% Y5V(F) 16	
		C903	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C904	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C905	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C906	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C907	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C908	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C909	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		IC901	0IPRPPY002A	IC,PERIPHERALS	PT6315 PTC 44 LQFP TRAY VFD DR	
		L901	6140H-B003G	INDUCTOR,CHIP	NLC322522T-100K 10MH TDK	
		L902	6140H-B003G	INDUCTOR,CHIP	NLC322522T-100K 10MH TDK	
		PTM01	6630XE00116	CONNECTOR (CIRC),FFC/FPC	04-6232-016-010-800+ ELCO 16P	
		R901	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R902	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R903	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R904	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R905	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R906	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R907	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R908	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R909	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R910	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R911	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R912	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R913	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R914	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R915	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R916	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R917	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R918	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R923	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		C910	0CE2274C638	CAPACITOR,FIXED ELECTROLYTIC	220UF SRA,SS 6.3V 20% FM5 TP 5	
		C911	0CE4763F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRE,SE 16V 20% FM5 TP 5	
		C912	0CE4763F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRE,SE 16V 20% FM5 TP 5	
		DIS901	6302R-V243A	DIGITRON	FV-834ND FUTABA SEG VFD DR7000	
		PTT01	561-711B	CONNECTOR (CIRC),WAFER	GIL-S-02P-S2T2-EF LG CABLE 2PI	
		PTT02	561-711B	CONNECTOR (CIRC),WAFER	GIL-S-02P-S2T2-EF LG CABLE 2PI	
		RM901	6712R1638GB	REMOTE CONTROLLER RECEIVER	TSOP4438RF1 VISHAY 38KHZ =TSOP	
		SW901	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW902	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW903	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW904	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW905	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW906	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW907	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW908	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW909	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		CABLE1	6631R-E116H	CONNECTOR ASSEMBLY	GIL-S/GIL-S 2P 260M/M 1 TAPPIN	
		CABLE2	6850R-GP10D	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 16	

***DIFFERENCE TABLE**

MODELS: (A)RH178(STUH), (B)RH178H(LGEBN)

RUN DATE:18,APRIL.2006

NSP:Not Service Part

S	AL	LOCA.NO	PART NO(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		A43	3501RF7701N	O		Board Assembly	DVD RH1758S NA9SSL FRONT BOARD	
		A43	3501RF7701S		O	Board Assembly	DVD RH1768S NA7BLL FRONT BOARD	
		A46	3501R-9009B		O	Board Assembly	DVD D/L ,HDMI (RH1000) DI	
		A46	3501R-9009C	O		Board Assembly	DVD D/L (RH1000) DI	
		A52	3501R-669AS	O		Board Assembly	DVD RH1758S .NA9SSL	
		A52	3501R-669HA		O	Board Assembly	DVD RH1768S .NA7BLL	
		280	3721R-F971N	O		Panel Assembly,Front	DVD RH1758S NA9SSL CHANGE DIVX	
		280	3721R-F971S		O	Panel Assembly,Front	DVD RH1768S NA7BLL FRONT PANEL	
		320	3720R-D138A		O	Panel,Rear	PRESS SECC T0.8 DVD RH1000 PRE	
		320	3720R-D138B	O		Panel,Rear	PRESS SECC T0.8 DVD RH/DR10 PR	
		801	3835RD0088K	O		Manual Assembly	DVD RH1757S/RH1758S-NA9SSL	
		801	3835RD0088J		O	Manual Assembly	DVD RH1757S-NA7BLL	
		802	3890R-C332F	O		Box	RH1758S NA9SSL SW3-A	
		802	3890R-C454V		O	Box,Master	RH1768S NA7BLL SW3-A	
		900	6711R1P108C		O	Remote Controller Assembly	H3 RH1988S LG W/HDMI,W/O SHOWV	
		900	6711R1P108F	O		Remote Controller Assembly	H3 RH1757P1 NA8SLL LG W/O HDMI	
		AR1701	ORRZVTA001F		O	Resistor,Array	RCA86TRJ33R0 33OHM 5% 1/16W 4	
		AR1702	ORRZVTA001F		O	Resistor,Array	RCA86TRJ33R0 33OHM 5% 1/16W 4	
		AR1703	ORRZVTA001F		O	Resistor,Array	RCA86TRJ33R0 33OHM 5% 1/16W 4	
		AR1704	ORRZVTA001F		O	Resistor,Array	RCA86TRJ33R0 33OHM 5% 1/16W 4	
		AR1705	ORR0222Q62A		O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1706	ORR0222Q62A		O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1707	ORR0222Q62A		O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1708	ORR0222Q62A		O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		C1701	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1702	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1703	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1704	0CH7106D611		O	Capacitor,TA,Niobium	TSM1A106ASSR 10uF 20% 10V 1UA	
		C1705	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1706	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1707	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1708	0CH7226D621		O	Capacitor,TA,Niobium	TSM1A226TSSR 22uF 20% 10V 2.2U	
		C1709	0CH7226D621		O	Capacitor,TA,Niobium	TSM1A226TSSR 22uF 20% 10V 2.2U	
		C1710	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1711	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1712	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1713	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1714	0CH1102K512		O	Capacitor,Ceramic,Chip	0603B102K500CT 1nF 10% 50V Y5P	
		C1715	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1716	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1717	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1718	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1719	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1720	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1721	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1722	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1723	0CH1104K512		O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1725	0CH7106D611		O	Capacitor,TA,Niobium	TSM1A106ASSR 10uF 20% 10V 1UA	
		C1726	0CH7476D651		O	Capacitor,TA,Niobium	TSM1A476CSSR 47uF 20% 10V 4.7U	
		CF1701	6200J000148		O	Filter,Bead	90 OHM 2.0X1.2X1.2 SMD R/TP	
		CF1702	6200J000148		O	Filter,Bead	90 OHM 2.0X1.2X1.2 SMD R/TP	

S	AL	LOCA.NO	PART NO(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		CF1703	6200J000148		O	Filter,Bead	90 OHM 2.0X1.2X1.2 SMD R/TP	
		CF1704	6200J000148		O	Filter,Bead	90 OHM 2.0X1.2X1.2 SMD R/TP	
		IC1701	0IPRP00666A		O	IC,Video Processors	SIL9030 1.8VTO3.3V 27MHZ -- T	
		IC1703	0IPRP00664A		O	IC,I/O Support Chip	UPA672T 50V 200mA - SC70 R/TP	
		JK701	6630R-SY08W		O	Conector,I/O	HMR48-AK5210 19P 0.50MM ANGLE	
		L1701	6200HJC102A		O	Filter,Bead	HB-1M2012-102JT 1000OHM 2X1.25	
		L1702	6200HJC102A		O	Filter,Bead	HB-1M2012-102JT 1000OHM 2X1.25	
		L1703	6200HJC102A		O	Filter,Bead	HB-1M2012-102JT 1000OHM 2X1.25	
		L1704	6200HJC102A		O	Filter,Bead	HB-1M2012-102JT 1000OHM 2X1.25	
		R1148	0RH0752C622		O	Resistor,Chip	MCR03EZPJ750 75OHM 5% 1/10W 16	
		R1149	0RH1002C622	O		Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	
		R1701	0RH0222C622		O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1701	0RH4701C622		O	Resistor,Chip	MCR03EZPJ472 4.7KOHM 5% 1/10W	
		R1702	0RH0222C622		O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1702	0RH4700C622		O	Resistor,Chip	MCR03EZPJ471 470OHM 5% 1/10W 1	
		R1704	0RH4701C622		O	Resistor,Chip	MCR03EZPJ472 4.7KOHM 5% 1/10W	
		R1705	0RH4701C622		O	Resistor,Chip	MCR03EZPJ472 4.7KOHM 5% 1/10W	
		R1706	0RH4701C622		O	Resistor,Chip	MCR03EZPJ472 4.7KOHM 5% 1/10W	
		R1707	0RH1801C622		O	Resistor,Chip	MCR03EZPJ182 1.8KOHM 5% 1/10W	
		R1708	0RH1801C622		O	Resistor,Chip	MCR03EZPJ182 1.8KOHM 5% 1/10W	
		R1709	0RH0000C622		O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R1710	0RH4702C622		O	Resistor,Chip	MCR03EZPJ473 47KOHM 5% 1/10W 1	
		R1712	0RH0332C622		O	Resistor,Chip	MCR03EZPJ330 33OHM 5% 1/10W 16	
		R1713	0RH0222C622		O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1714	0RH0222C622		O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1715	0RH3301C622		O	Resistor,Chip	MCR03EZPJ332 3.3KOHM 5% 1/10W	
		R1716	0RH3301C622		O	Resistor,Chip	MCR03EZPJ332 3.3KOHM 5% 1/10W	
		R1717	0RH0000C622		O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R1718	0RH0000C622		O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		V1701	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1702	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1703	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1704	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1705	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1706	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1707	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
		V1708	6102R7E001A		O	Varistor	AVRL161A1R1NT 10V - 1.1pF 1.6X	
EEPROM(OPTION HEX CODE) 1-6 PAGE								
		EEPROM	6957R-669AS	O		S/W,System Program	D8 00 20 60 4A AC 03 08 (RH175)	
		EEPROM	6957R-669HA	O		S/W,System Program	D8 00 10 60 4A AE 02 05 (RH176)	

MEMO

A series of horizontal dotted lines for writing, spanning the width of the page.

NOTES) If you want to purchase
Flash memory, you must order
" IC1301A "

NOTES) ⚠ Warning
Parts that are shaded are critical With
respect to risk of fire or electrical
shock.

SECTION 5 REPLACEMENT PARTS LIST

MODEL : RH188H(RH1888S NA3FLL)LGEFS BASIC

RUN DATE : 18-APRIL-06

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS	
*** INDIVIDUAL PARTS ***							
			250	3110R-D034C	CASE	RH/DR1000 PRESS TOP S-MULTI B6	
			251	5040R-0069Q	RUBBER	DVD DV9000S OTHER 05 NEW FOOT	
			273	4811R-8001B	BRACKET ASSEMBLY	DVD RH1000/DR100 JACK	
			300	6410RCHP02B	POWER CORD	HIT-102/H0VHH2-F(WITH CORE) HI	
			463	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
			463	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
			465	1SZZR-0097N	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZB 3CR BK	
			468	1SZZR-0098J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FZMCY-1 3	
			471	1SZZR-0098Y	SCREW,DRAWING	+ 2 D3.0 L24.0 MSWR3/FZB 3CR B	
			801	3835RD0088N	INSTRUCTION ASSEMBLY	DVD RH1878S/RH1888S-NA3FLL	
			802	3890R-C332C	BOX	RH1888S NA3FLL SWM3-A	
			803	3920R-E221A	PACKING	DVD RH1000S 129G 06 RH1000	
			804	292-053B	BAG	SOFT(MIDI)	NSP
			808	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
			900	6711R1P108C	REMOTE CONTROLLER ASSEMBLY	H3 RH1988S LG W/HDMI,W/O SHOWV	
			CABLE5	6850R-EA19Y	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 190 C	
*** CABLE ASSEMBLY ***							
			810	6851R-0092B	CABLE ASSEMBLY	PAL RF 1.2M(CAA2H)+1W YL(PAA2F	
			806	6850R-CAA2H	CABLE,COAXIAL	RF PAL DOUBLE SHIELD DT_HY_HIT	
			811	6850R-PAA2F	CABLE,COAXIAL	1 WAY COAXIAL DT_HY_HIT_SEIL	
			812	6850R-PBA2H	CABLE,COAXIAL	2 WAY COAXIAL RED_WHITE DT_HY_	
			821	6850R-SUA8F	CABLE,COAXIAL	SCART TO SCART 21 PIN DT_HY_HI	
*** BOARD ASSEMBLY ***							
			A46	3501R-9009B	BOARD ASSEMBLY	DVD D/L ,HDMI (RH1000) DI	
			AR1201	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1202	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1203	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1204	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1205	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1206	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1207	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1208	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1209	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1251	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1252	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1253	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1254	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1259	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1260	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1261	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1262	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1263	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1264	0RRZVTA001G	RESISTOR,DRAWING	51 OHM 1 / 16 W 3216 5% R/TP 8	
			AR1401	0RR1002Q62C	RESISTOR,DRAWING	100 OHM 1/16W 5.00% 3216 8	
			AR1402	0RR1002Q62C	RESISTOR,DRAWING	100 OHM 1/16W 5.00% 3216 8	
			AR1601	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
			AR1602	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		AR1603	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1604	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1605	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1606	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1607	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1608	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1705	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1706	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1707	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		AR1708	0RR0222Q62A	RESISTOR,DRAWING	22 OHM 1/16 W 3216 5.00% R/TP	
		C1177	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1178	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1179	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1180	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1182	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1183	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1184	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1185	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1186	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1187	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1188	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1189	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1190	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1191	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1192	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1193	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1194	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1199	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C11A2	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1201	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1233	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1234	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1235	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1281	0CS337GD6DC	CAPACITOR,FIXED TANTALUM	330UF 7343 10V 20% SMD R/TP(SM	
		C1282	0CS337GC6DC	CAPACITOR,FIXED TANTALUM	330UF 7343 6.3V 20% SMD R/TP(S	
		C1283	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1284	0CH8227C621	CAPACITOR,FIXED ELECTROLYTIC	220UF 6.3V 20% - R/TP	
		C1301	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1302	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1303	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1306	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1307	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1308	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1309	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1310	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1410	0CH4221K412	CAPACITOR,FIXED CERAMIC(HIGH D	220PF 50V 5% NP0 1608 R/TP	NSP
		C1411	0CH1224K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.22UF 50V 10% B(5YP) 1608 R/T	
		C1412	0CH1475D946	CAPACITOR,FIXED CERAMIC(TEMP.C	4.7UF 10V 80%,-20% Y5V(F) 2012	
		C1415	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		D1101	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D1102	0DS121009AA	DIODE,SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		IC1101	0ILNR00160A	IC,LINEAR	DMN-8653 LSI LOGIC 388PIN,BGA	
		IC1201	0IMMRFU017A	IC,MEMORIES	S29GL064M90TCIR20 FUJITSU 48PI	
		IC1201	0IMMRMR029A	IC,MEMORIES	MX29LV640MTTC-90G MACRONIX 48P	ALTERNATE
		IC1202	0IMMR00046C	IC,MEMORIES	HY5DU121622CTP-D43 HYNIX 66PIN	
		IC1202	0IMMR00045B	IC,MEMORIES	HYB25D(C)512160CE-5 INFINEON 6	ALTERNATE
		IC1204	0IPMG00017A	IC,POWER MANAGEMENT	G2995F1UF GMT 8PIN,SOP-8L R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		IC1305	0ISTLPH039A	IC,STANDARD LOGIC	74LVC04APW PHILIPS 14PIN TSSOP	
		IC1306	0ISTLPH040A	IC,STANDARD LOGIC	74LVC08APW PHILIPS 14PIN TSSOP	
		IC1401	0IPRPTI044A	IC,PERIPHERALS	TSB41AB1PHPG4 TEXAS INSTRUMENT	
		L1124	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1125	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1126	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1128	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1129	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1130	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1131	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1132	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1133	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1134	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1135	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1137	6140H-A001A	FILTER(CIRC),EMC	BEAD C,HH-1H4532-121JT.CERATEH	
		L1403	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		LD1101	0DL210008GA	LED	SML-210MT R/TP ROHM GREEN 16	
		PMH10	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		PML07	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		PML08	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		PMT05	6630XE00116	CONNECTOR (CIRC),FFC/FPC	04-6232-016-010-800+ ELCO 16P	
		R1101	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1103	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1104	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1105	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1106	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1107	0RH0392C622	RESISTOR,METAL GLAZED(CHIP)	39 OHM 1 / 16 W 1608 5.00% D	
		R1108	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1109	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1110	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1111	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1112	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1113	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1114	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1115	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1116	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1117	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1118	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1119	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1120	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1121	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1132	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1133	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1134	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1135	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1136	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1137	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1138	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1139	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1140	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1141	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1142	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1143	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1144	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1145	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1146	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1147	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1159	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1163	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1164	0RJ1101D477	RESISTOR,METAL GLAZED(CHIP)	1.1K OHM 1/10 W 1% 1608 R/TP	
		R1171	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1172	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1173	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R1174	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R1175	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1176	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1177	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1178	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1179	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1180	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1181	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1182	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1183	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1196	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1197	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A1	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A2	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A6	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A7	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A8	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A9	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11C1	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R11C2	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R11C3	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R11C5	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R11E6	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R11E8	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R11F1	0RH2701C622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R1202	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1204	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1205	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1207	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1209	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1211	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1212	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1215	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1216	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1217	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1225	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1226	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1317	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1318	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1319	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R1320	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R1321	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R1322	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R1323	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1324	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1325	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1326	0RH0682C622	RESISTOR,METAL GLAZED(CHIP)	68 OHM 1 / 16 W 1608 5.00% D	
		R1327	0RH0682C622	RESISTOR,METAL GLAZED(CHIP)	68 OHM 1 / 16 W 1608 5.00% D	
		R1328	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1401	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1402	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1403	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1405	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1406	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1407	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R1408	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1409	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1410	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1411	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1412	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1413	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1414	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1415	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1416	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1417	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R1418	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1419	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1420	0RH5101C622	RESISTOR,METAL GLAZED(CHIP)	5100 OHM 1 / 16 W 1608 5.00% D	
		R1421	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R1422	0RH6201C622	RESISTOR,METAL GLAZED(CHIP)	6200 OHM 1 / 16 W 1608 5.00% D	
		R1423	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1424	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R1615	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1616	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1617	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1632	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1633	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1634	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		X1101	6212AB2136C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 13.5MHZ +/- 15	
		X1401	6212AB2246C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 24.576MHZ +/-	
		ZD1101	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1102	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1103	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1104	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1105	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1106	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1107	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD1108	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		C1103	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1104	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1105	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1106	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1108	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1110	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1111	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1112	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1113	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1114	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1115	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1116	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1117	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1118	0CH7476D651	CAPACITOR,FIXED TANTALUM	47UF 10V 20% 6032 TP(-)	
		C1120	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1121	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1122	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1123	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1124	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1125	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C1126	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1127	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1128	0CH7476C621	CAPACITOR,FIXED TANTALUM	47UF 6.3V 20% 3528 TP(-)	
		C1130	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1131	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1132	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1133	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1134	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1135	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1136	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1137	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1138	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1139	0CH7476D651	CAPACITOR,FIXED TANTALUM	47UF 10V 20% 6032 TP(-)	
		C1141	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1142	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1143	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1144	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1145	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1146	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1157	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C1162	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C1163	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		C1164	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		C1165	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		C1166	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		C1170	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1171	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1172	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1173	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1174	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1175	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1176	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1181	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C11A5	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1202	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1203	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1204	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1205	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1206	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1207	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1208	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1209	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1210	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1211	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1212	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1213	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1214	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1215	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1216	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1218	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1219	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1220	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1221	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1222	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1223	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1224	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1225	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C1226	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1227	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1228	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1229	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1230	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1231	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1232	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1236	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1237	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1238	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1239	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1240	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1241	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1242	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1243	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1244	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1245	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1246	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1247	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1248	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1249	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1250	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1251	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1252	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1253	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1254	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1255	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1256	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1257	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1258	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1259	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1260	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1261	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1285	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1286	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1401	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1402	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1403	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1404	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1405	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1406	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1407	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1408	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1409	0CH1103K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% B(5YP) 1608 R/T	
		C1413	0CH4220K412	CAPACITOR,FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		C1414	0CH4220K412	CAPACITOR,FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		C1450	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1451	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1601	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1602	0CH4220K412	CAPACITOR,FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		IC1302	0ISTLFA125A	IC, STANDARD LOGIC	74LVTH273MTCX FAIRCHILD 20PIN,	
		L1101	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1120	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1121	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1122	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1123	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1127	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L1138	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1139	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1140	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1141	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1142	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1143	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1144	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1145	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1146	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L1401	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1402	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1404	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1405	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1406	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		L1407	6200RJC003A	FILTER(CIRC),EMC	HB-1S1608-121 CERATECH TP	
		PMV01	6630R-BE034	CONNECTOR (CIRC),BOARD TO BOAR	2254-30S-T/JE611-B2G-30R POWER	
		PMV02	6630R-BE034	CONNECTOR (CIRC),BOARD TO BOAR	2254-30S-T/JE611-B2G-30R POWER	
		PMV04	6630B00147A	CONNECTOR (CIRC),BOARD TO BOAR	JE611-B2T-12S JAE EUN 12P 2.0M	
		R1122	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1123	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1124	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1125	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1126	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1127	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1128	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1129	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1130	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1131	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1148	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R1156	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1184	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1185	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1187	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1188	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1190	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1192	0RH1500C622	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R1194	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1195	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1198	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1199	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A3	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A4	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11A5	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R11E7	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R11E9	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1208	0RH0512C622	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 16 W 1608 5.00% D	
		R1218	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1219	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1220	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1227	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1228	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1301	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1302	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1303	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1304	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1305	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1306	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1307	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1308	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1601	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1602	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1603	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1604	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1605	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1606	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1607	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1608	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1609	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1610	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1611	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1612	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1613	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1614	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1618	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1619	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1620	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1621	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1622	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1623	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1624	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1625	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1626	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1627	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1628	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1629	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1630	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R1631	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R1701	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1702	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		IC1301A	6957R-1881A	PROGRAM	RH1000 PAL PROGRAM	
*** BOARD ASSEMBLY ***						
		A52	3501R-669AW	BOARD ASSEMBLY	DVD RH1888S .NA3FLL	
		274	3300R-D089A	PLATE	RH1000 PRESS GROUND	
		BD801	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD802	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD803	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD804	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD805	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD807	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD808	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD809	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD811	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD812	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD813	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD814	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD815	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD816	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		BD817	6200HJC901A	FILTER(CIRC),EMC	CFI06B1H101MF SAMWHA TP 2.5K/T	
		C151	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C153	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C154	0CE477CD638	CAPACITOR,FIXED ELECTROLYTIC	470UF SHL,SD 10V 20% FM5 TP 5	
		C155	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C157	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C159	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C160	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C162	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C163	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C165	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C166	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C601	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C603	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C604	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C605	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C606	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C607	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C608	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C610	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C612	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C701	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C705	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C706	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C708	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C711	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C721	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C724	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C734	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C735	0CE4775C618	CAPACITOR, FIXED ELECTROLYTIC	470UF SR, SV 6.3V 20% FL TP 5	
		C739	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C741	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C750	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C759	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C762	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C763	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C766	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C767	0CE4775C618	CAPACITOR, FIXED ELECTROLYTIC	470UF SR, SV 6.3V 20% FL TP 5	
		C768	0CE4754K638	CAPACITOR, FIXED ELECTROLYTIC	4.7UF SRA, SS 50V 20% FM5 TP 5	
		C769	0CQ4732K409	CAPACITOR, FIXED FILM	0.047UF S 50V 5% PE TP5	
		C770	0CQ4732K409	CAPACITOR, FIXED FILM	0.047UF S 50V 5% PE TP5	
		C805	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C806	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C809	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C825	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C828	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C831	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C839	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C842	0CE2273C638	CAPACITOR, FIXED ELECTROLYTIC	220UF SRE, SE 6.3V 20% FM5 TP 5	
		C846	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C851	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C859	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C862	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C863	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C864	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C865	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C866	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C868	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C870	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C872	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C873	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C874	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C875	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C876	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C877	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C878	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C879	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C880	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C881	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C882	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C884	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C885	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C886	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C887	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C888	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C8A7	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8A8	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8B6	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B7	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B8	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8B9	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		C8D1	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8D2	0CE2264F638	CAPACITOR, FIXED ELECTROLYTIC	22UF SRA, SS 16V 20% FM5 TP 5	
		C8D3	0CE3364F638	CAPACITOR, FIXED ELECTROLYTIC	33UF SRA, SS 16V 20% FM5 TP 5	
		C8D4	0CE1074F638	CAPACITOR, FIXED ELECTROLYTIC	100UF SRA, SS 16V 20% FM5 TP 5	
		C902	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C904	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C905	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C906	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C907	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C908	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C910	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C911	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C913	0CE1064F638	CAPACITOR, FIXED ELECTROLYTIC	10UF SRA, SS 16V 20% FM5 TP 5	
		C914	0CE4764F638	CAPACITOR, FIXED ELECTROLYTIC	47UF SRA, SS 16V 20% FM5 TP 5	
		IC704	0IKE704200B	IC, POWER MANAGEMENT	KIA7042P(AT) TO-92 4.2V RESET	
		IC706	0IKE703100A	IC, LINEAR	KIA7031P 3P 3.1V RESET (TAPING)	
		Q155	0TR127109AA	TRANSISTOR, BIPOLARS	KTA1271Y (KTA950) KEC TP TO92	
		Q158	0TR126809BA	TRANSISTOR, BIPOLARS	KTA1268-BL TP KEC - -	
		Q161	0TR126809BA	TRANSISTOR, BIPOLARS	KTA1268-BL TP KEC - -	
		Q163	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		Q164	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		Q165	0TR534409AA	TRANSISTOR, BIPOLARS	2SC5344Y TP AUK - -	
		X702	6212AA2148F	RESONATOR, CRYSTAL	HC-49S KITECO 14.31818MHZ +/-	
		C161	0CH1223K562	CAPACITOR, FIXED CERAMIC (TEMP.C)	22000PF 50V 10% X7R(X) 1608 R/	
		C164	0CH1223K562	CAPACITOR, FIXED CERAMIC (TEMP.C)	22000PF 50V 10% X7R(X) 1608 R/	
		C168	0CH1105F942	CAPACITOR, FIXED CERAMIC (TEMP.C)	1000000PF 16V 80%,-20% Y5V(F)	
		C602	0CH1223K562	CAPACITOR, FIXED CERAMIC (TEMP.C)	22000PF 50V 10% X7R(X) 1608 R/	
		C616	0CH1104K942	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C618	0CH1223K562	CAPACITOR, FIXED CERAMIC (TEMP.C)	22000PF 50V 10% X7R(X) 1608 R/	
		C707	0CH4561K412	CAPACITOR, FIXED CERAMIC (HIGH D)	560PF 50V 5% NP0 1608 R/TP	
		C709	0CH4240K412	CAPACITOR, FIXED CERAMIC (HIGH D)	24PF 50V 5% NP0 1608 R/TP	
		C710	0CH1105F942	CAPACITOR, FIXED CERAMIC (TEMP.C)	1000000PF 16V 80%,-20% Y5V(F)	
		C712	0CH1105F942	CAPACITOR, FIXED CERAMIC (TEMP.C)	1000000PF 16V 80%,-20% Y5V(F)	
		C713	0CH4150K412	CAPACITOR, FIXED CERAMIC (HIGH D)	15PF 50V 5% NP0 1608 R/TP	
		C714	0CH1104K942	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C715	0CH1104K942	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C720	0CH1104K942	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C722	0CH1103K512	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.01UF 50V 10% B(5YP) 1608 R/T	
		C723	0CH1105F942	CAPACITOR, FIXED CERAMIC (TEMP.C)	1000000PF 16V 80%,-20% Y5V(F)	
		C727	0CH1104K942	CAPACITOR, FIXED CERAMIC (TEMP.C)	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C729	0CH4150K412	CAPACITOR, FIXED CERAMIC(HIGH D	15PF 50V 5% NP0 1608 R/TP	
		C730	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C731	0CH4270K412	CAPACITOR, FIXED CERAMIC(HIGH D	27PF 50V 5% NP0 1608 R/TP	
		C732	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C733	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C749	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C751	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C753	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C761	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C764	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C765	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C771	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C774	0CH1105F942	CAPACITOR, FIXED CERAMIC(TEMP.C	1000000PF 16V 80%,-20% Y5V(F)	
		C801	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C802	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C804	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		C808	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C811	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C812	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C816	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C818	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C820	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C821	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C829	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C832	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C833	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C834	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C835	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		C836	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C837	0CH4681K416	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 2012 R/TP	
		C840	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C841	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C843	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C844	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C845	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C847	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C848	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C849	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C850	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C852	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C853	0CH4270K412	CAPACITOR, FIXED CERAMIC(HIGH D	27PF 50V 5% NP0 1608 R/TP	
		C854	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C855	0CH4101K412	CAPACITOR, FIXED CERAMIC(HIGH D	100PF 50V 5% NP0 1608 R/TP	
		C856	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C857	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C858	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C860	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C861	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C867	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C869	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C871	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C883	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C889	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C890	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C892	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C894	0CH1102K562	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% X7R(X) 1608 R/T	
		C8B1	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C8B2	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B3	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B4	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C8B5	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C901	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C915	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C916	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C917	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C918	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C919	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	
		C920	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C921	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C922	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C923	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C924	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C925	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C926	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C927	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C928	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C929	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C930	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C931	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C932	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C933	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C934	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C935	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C936	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C937	0CH1474K942	CAPACITOR, FIXED CERAMIC(TEMP.C	470000PF 50V 80%,-20% Y5V(F) 1	
		C938	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C939	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C940	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C941	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C943	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C944	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C945	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C946	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C949	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C950	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C951	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		C952	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C953	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C956	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C957	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C960	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C961	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C963	0CK225CF94A	CAPACITOR, FIXED CERAMIC(HIGH D	2.2UF 1608 16V 80%,-20% F(Y5V)	
		C965	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C966	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C967	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C968	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C970	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C971	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	
		C972	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C973	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C975	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C976	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	
		C977	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C979	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	
		C980	0CH1225F946	CAPACITOR, FIXED CERAMIC(TEMP.C	2.2UF 16V 80%,-20% Y5V(F) 2012	
		C981	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C985	0CH1474K942	CAPACITOR, FIXED CERAMIC(TEMP.C	470000PF 50V 80%,-20% Y5V(F) 1	
		C986	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C987	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C988	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C989	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C990	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C991	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C992	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C993	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C995	0CH1223K562	CAPACITOR, FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		C999	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		D152	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D153	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D701	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D801	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D802	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D803	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		D901	0DS121009AA	DIODE, SWITCHING	KDS121 TP KEC UMT 85V -- 1.6N	
		IC154	0IPMG78350A	IC, POWER MANAGEMENT	I1680L-TP INTERPION 8PIN, SOP R	
		IC701	0IMCR02254A	IC, MICRO CONTROLLER	MN101D10F LS MATSUSHITA 100PIN	
		IC703	0IPRPMT002A	IC, PERIPHERALS	MM1510XNRE MITSUMI 6, SOT-26A R	
		IC705	0ISS241610B	IC, SAMSUNG ELECTRONICS	S524A60X51-SCT0 8P SOP TP EEPR	
		IC707	0ILNRMN001C	IC, LINEAR	SDA5650X-MSL04 PB-FREE MICRONA	
		IC801	0IJR458000B	IC, JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC802	0IPRPRH017A	IC, PERIPHERALS	BH7868FS ROHM 32PIN SSOP R/TP	
		IC803	0IPRPMT009A	IC, PERIPHERALS	MM1443XJBE MITSUMI 34PIN SSOP	
		IC808	0IPRP00015A	IC, PERIPHERALS	CS4351-CZZR CIRRUS LOGIC 20PIN	
		IC901	0ILNR00162A	IC, LINEAR	SAA7137DHS PHILIPS 208PIN, QFP	
		IC903	0IPRPJR011A	IC, PERIPHERALS	NJM2521M JRC 8PIN SIP R/TP DR	
		IC904	0IPRPJR011A	IC, PERIPHERALS	NJM2521M JRC 8PIN SIP R/TP DR	
		L162	6140H-A001A	FILTER(CIRC), EMC	BEAD C, HH-1H4532-121JT. CERATEH	
		L704	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L705	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L706	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L707	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L709	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L710	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L711	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L712	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L713	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L801	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L802	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L803	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L804	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L805	0RH0000D622	RESISTOR, METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L806	0LCCE00004E	INDUCTOR, CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L807	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L808	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L809	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L810	0LCCE00004E	INDUCTOR, CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L811	0LCCE00004E	INDUCTOR, CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L812	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L813	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	
		L814	6200HJC102A	FILTER(CIRC), EMC	HB-1M2012-102JT CERATECH TP 3K	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L817	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L818	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L819	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L820	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L821	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L822	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L823	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L824	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L825	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L826	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L827	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L828	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L829	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L830	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L831	0LCCE00004E	INDUCTOR,CHIP	FI-C2012-103KJT (10UH) CERATEC	
		L832	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L833	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L834	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L835	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L901	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L902	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L903	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L904	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L905	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L906	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L908	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L909	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L910	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L912	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L922	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L923	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L924	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L925	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L926	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L927	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L928	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L929	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		L930	0LC11608C01	INDUCTOR,CHIP	HB-1M1608-102JT CERATECH R/TP	
		Q151	0TRAU80040A	TRANSISTOR,BIPOLARS	STB1132Y AUK KOREA REEL TAPING	
		Q152	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q153	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q156	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q159	0TRAU80040A	TRANSISTOR,BIPOLARS	STB1132Y AUK KOREA REEL TAPING	
		Q160	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q162	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		Q166	0TR103009AM	TRANSISTOR,BIPOLARS	KRC103S TP KEC - SOT-23 22K-22	
		Q702	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q704	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q705	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q707	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q801	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q802	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q803	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q804	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q805	0TR387509AC	TRANSISTOR,BIPOLARS	CHIP KTC3875S-GR-T1(ALG) TP KE	
		Q806	0TR150409AC	TRANSISTOR,BIPOLARS	KTA1504 TP KEC - -GR-T1(ASG) C	
		Q807	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		Q808	0TR103009AC	TRANSISTOR,BIPOLARS	KRA103S-T1(PC)22-22 CHIP TP KE	
		R151	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R152	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R153	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R154	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R155	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R156	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R157	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R158	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R161	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R163	0RH1801D422	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 10 W 2012 1.00% D	
		R164	0RJ3601E472	RESISTOR,METAL GLAZED(CHIP)	3.6K OHM 1/8 W 1% 2012 R/TP	
		R165	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R166	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R167	0RH1002D622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 10 W 2012 5.00% D	
		R168	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R169	0RH1001D422	RESISTOR,METAL GLAZED(CHIP)	1000 OHM 1/10 W 0.01 2012 R/TP	
		R170	0RH0512D422	RESISTOR,METAL GLAZED(CHIP)	51 OHM 1 / 10 W 2012 1.00% D	
		R171	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R172	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R173	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R174	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R176	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R177	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R178	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R179	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R180	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R181	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R183	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R184	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R185	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R186	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R187	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R191	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R192	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R193	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R195	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R701	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R703	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R705	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R706	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R707	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R708	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R709	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R710	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R711	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R712	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R714	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R715	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R716	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R717	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R718	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R719	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R720	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R722	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R725	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R726	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R727	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R728	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R729	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R730	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R731	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R732	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R733	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R735	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R736	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R737	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R738	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R739	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R740	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R741	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R742	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R743	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R744	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R745	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R747	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R751	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R752	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R753	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R754	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R762	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R764	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R766	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R767	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R768	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R769	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R771	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R772	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R773	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R774	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R775	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R777	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R778	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R779	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R780	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R781	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R782	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R783	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R784	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R785	0RH1204C622	RESISTOR,METAL GLAZED(CHIP)	1.2M OHM 1 / 16 W 1608 5.00% D	
		R787	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R789	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R791	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R792	0RH6801C622	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R793	0RH1204C622	RESISTOR,METAL GLAZED(CHIP)	1.2M OHM 1 / 16 W 1608 5.00% D	
		R794	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R795	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R796	0RH9102C622	RESISTOR,METAL GLAZED(CHIP)	91K OHM 1 / 16 W 1608 5.00% D	
		R797	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R798	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R799	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R801	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R802	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R803	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R804	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R805	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R806	0RH2203C622	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R807	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R808	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R809	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R810	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R811	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R812	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R813	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R814	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R815	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R816	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R817	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R818	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R819	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R820	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R821	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R822	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R823	0RH2200C622	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R824	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R825	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R826	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R827	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R828	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R829	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R831	0RH2203C622	RESISTOR,METAL GLAZED(CHIP)	220K OHM 1 / 16 W 1608 5.00% D	
		R834	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R835	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R836	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R837	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R838	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R839	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R842	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R844	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R845	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R846	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R847	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R848	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R849	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R850	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R851	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R852	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R853	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R854	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R855	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R857	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		R858	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R859	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R860	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R861	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R862	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R864	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R865	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R866	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R868	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	
		R869	0CH4680K412	CAPACITOR,FIXED CERAMIC(HIGH D	68PF 50V 5% NP0 1608 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R870	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R871	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R872	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R873	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R874	0LCCE00011A	INDUCTOR,CHIP	F1-B1608-222KJT CERATECH R/TP	
		R876	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R877	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R881	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R882	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R883	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R884	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R885	0RH0752C422	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 1.00% D	
		R8A1	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8A2	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A3	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A4	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8A5	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8A7	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R8A8	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8A9	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R8U1	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8U2	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8U3	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R8U4	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R8U5	0RH7501C622	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R8U6	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R901	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R902	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R903	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R905	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R909	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R910	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R911	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R913	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R914	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R916	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R918	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R919	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R920	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R923	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R924	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R925	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R926	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R928	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R930	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R932	0RH5600C622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R933	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R934	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R938	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R939	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R940	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R941	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R942	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R943	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R944	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R945	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R946	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R947	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R948	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R950	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R951	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R952	0RH2700C622	RESISTOR,METAL GLAZED(CHIP)	270 OHM 1 / 16 W 1608 5.00% D	
		R953	0RH2401C622	RESISTOR,METAL GLAZED(CHIP)	2.4K OHM 1 / 16 W 1608 5.00% D	
		R954	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R956	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R962	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R964	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R965	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R969	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R970	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R971	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R976	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R977	0RH3001C622	RESISTOR,METAL GLAZED(CHIP)	3K OHM 1 / 16 W 1608 5.00% D	
		R978	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R979	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R982	0RH0562C622	RESISTOR,METAL GLAZED(CHIP)	56 OHM 1 / 16 W 1608 5.00% D	
		R985	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R989	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R990	0RH1000D622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 10 W 2012 5.00% D	
		R991	0RH1000D622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 10 W 2012 5.00% D	
		R993	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R994	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R995	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R996	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R997	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R999	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		X901	6212AB2246C	RESONATOR,CRYSTAL	HC-49/SM BUBANG 24.576MHZ +/-	
		ZD151	0DZ021209BA	DIODE,ZENERS	Z02W12Y(CHIP) KEC	
		ZD152	0DZ021209BA	DIODE,ZENERS	Z02W12Y(CHIP) KEC	
		ZD801	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD802	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD803	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD804	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD805	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD811	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD821	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD822	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD823	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD824	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD825	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD826	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD827	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD828	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD829	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD830	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD834	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD836	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD837	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD838	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD839	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD840	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD841	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD842	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD843	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		ZD844	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD847	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD850	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD851	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD853	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD861	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD863	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD865	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD866	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD867	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD868	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD869	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD870	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD871	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD872	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD875	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		ZD876	0DZ026809CA	DIODE,ZENERS	Z02W6.8V TP KEC SOT23 20W 6.8V	
		D154	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		D155	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		IC151	0IPMGKE045A	IC,POWER MANAGEMENT	KIA278R25PI 2.5V 2A KEC TO220I	
		IC152	0ISH313000C	IC,POWER MANAGEMENT	PQ3RD13LJ000H 4PIN TO-220 ST 3	
		IC152	0IPMGKE006B	IC,POWER MANAGEMENT	KIA78R33PI CU KEC 4P TO-220IS	ALTERNATE
		IC152	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	ALTERNATE
		IC152	0IPMGGM002A	IC,POWER MANAGEMENT	G9133 GMT 4PIN,TO 220F-4L ST 1	ALTERNATE
		IC153	0IPMGFA032A	IC,POWER MANAGEMENT	KA78R05TSTU FAIRCHILD 4P TO-22	
		IC153	0IPMGKE018A	IC,POWER MANAGEMENT	KIA78R05API CU KEC 4P TO-220IS	ALTERNATE
		JK801	6612M00004B	JACK,SCART	HR-DM2497S-0(BL-BK) HYUSUNG BL	
		JK802	6612J00048G	JACK,RCA	ATT-6dB YUQIU RCA-1204B-04-01	
		JK803	6612K00003D	JACK,FIBER OPTIC	JST1164 SOLTEAM	
		JK804	6612JH002NB	JACK,RCA	RCA-104-03(RED) YUQIU	
		JK805	6612JH002NA	JACK,RCA	RCA-104-02(WHITE) YUQIU	
		JK806	6612JH002NC	JACK,RCA	RCA-104-05(YELLOW) YUQIU	
		JK807	6612B00010A	JACK,DIN	PSJ 007B(S-VHS-JACK) PARK ELE	
		JK808	6630SD01104	CONNECTOR (CIRC),USB	YFK45-5002 JALCO 4P 0.8MM	
		JK809	6612BBBHN5A	JACK,DIN	SCN556S4GTTB000 S-VIDEO HYUSUN	
		PVM01	6630R-BE024	CONNECTOR (CIRC),BOARD TO BOAR	2254-30P-T/JE611-A2T-30T POWER	
		PVM02	6630R-BE024	CONNECTOR (CIRC),BOARD TO BOAR	2254-30P-T/JE611-A2T-30T POWER	
		PVM03	6630R-BE01L	CONNECTOR (CIRC),BOARD TO BOAR	JE612-12 JAE EUN 12P 2.0MM	
		PVX02	561-711D	CONNECTOR (CIRC),HOUSING	GIL-S-04P-S2T2-EF LG CABLE 4PI	
		PWVS1	6630R-BF07L	CONNECTOR (CIRC),BOARD TO BOAR	JE117-A8T-12 JAE EUN 12P 2.54M	
		Q154	0TR115100AA	TRANSISTOR,BIPOLARS	KSB1151-Y BK SAMSUNG - TO-126	
		SW801	6600Q000048	SWITCH,SLIDE	CSS-4207 CHANG SHIN 30VDC 0.1A	
		TU701	6700PFPL08A	TUNER	TADS-S101D LGIT PAL FS SILM- P	
		X701	6202R-DA01B	RESONATOR,CRYSTAL	CFS-308 CITIZEN 32.768KHZ +/-	
*** COVER ASSEMBLY ***						
		A26	3551R-5588B	COVER ASSEMBLY	DVD 160GB (RH1000,DI)	
		A53	6871R-5588A	PWB(PCB) ASSEMBLY,TOTAL	HDD ASSY (DI) RH1000	
		PLL1602	6630VL1004Z	CONNECTOR (CIRC),WAFER	JE610C-A2.54-G40-ST JAE EUN 40	
		PLM1601	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		101	3550R-8001A	COVER	DVD RH1000 PRESS HDD	
		103	3300R-D113A	PLATE	RH1000 PRESS HDD	
		104	6744BSUN21A	HDD,3.5"	ST3160022ACE SEAGATE 160GB ULT	
		104	6744BSUN29A	HDD,3.5"	HDT722516DLAT80 HGST 160GB ATA	ALTERNATE
		410	1SMBC81018A	SCREW MACHINE,BINDING HEAD	2 - L1.0 -	
		468	1SZZR-0098J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FZMZY-1 3	
		CABLE10	6631R-H005D	CONNECTOR ASSEMBLY	NEW CH0508/NEW CH0508/SMH200 4	
		CABLE11	6850R-EA32Z	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 320 C	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
*** PWB(PCB) ASSEMBLY,TOTAL ***						
		A55	6871R-2666A	PWB(PCB) ASSEMBLY,TOTAL	LOADER (DI) RH1000	
		PLL1604	6630VL1004Z	CONNECTOR (CIRC),WAFER	JE610C-A2.54-G40-ST JAE EUN 40	
		PLM1603	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
*** DECK ASSEMBLY,DVD ***						
		A60	6721RFN021A	DECK ASSEMBLY,DVD	DECK/MECHA RS-01A, MD(DR-09)+M	
		1431	1SZZR-0098G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZMCW-1 3C	
		1439	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		A001	3551R-0677B	COVER ASSEMBLY	DECK/MECHA RS-01A TOP, DI	
		1001	3550H-1116A	COVER	COVER-CABINET XENON COMMON USE	
		1002	3550R-2003A	COVER	DVD TOP(DR-09) PRESS 0.6T(RS-0	
		1003	4861R-0021B	CLAMP ASSEMBLY	DECK/MECHA DR-09 (RS-01A) DI	
		1048	3551R-0678B	COVER ASSEMBLY	DECK/MECHA RS-01A BOTTOM, DI	
		1046	5040H-1074D	RUBBER	JW1 GWA-4083B GR-D 12X12XT1 1.	
		1047	3550R-2004A	COVER	DVD BTM(DR-09) PRESS 0.5T(RS-0	
		A002	6721R-D021B	DECK ASSEMBLY,DVD	DECK/MECHA DR-09 MD, DI	
		1011	3040H-1138A	BASE	UP DOWN NM LUPOS GP2100	
		1012	4974H-1117A	GUIDE	UP DOWN NM KEPITAL F20-03	
		1013	4470H-1164A	GEAR	LOADING NM KEPITAL F20-03	
		1014	4510H-1070A	LEVER	EMERGENCY NM KEPITAL F20-03	
		1015	4400H-1014A	BELT	LOADING NM	
		1016	4560H-1018A	PULLEY	GEAR NM KEPITAL F20-03	
		1017	4470H-1163A	GEAR	IDLE NM KEPITAL F20-03	
		1019	4560H-1005A	PULLEY	MOTOR(GM-R512)	
		1020	3040R-D026A	BASE	MAIN(DR-09) MOLD (RS-01A)	
		1026	3390R-0037A	TRAY	DVD DISC(DR-09) MOLD (RS-01A)	
		1038	4930H-1127A	HOLDER	SHAFT NM(DVDW) POM	
		1041	5040H-1103C	RUBBER	FRONT NM(DVDW) 35 - KEEPER	
		1432	1SZZH-1072D	SCREW,DRAWING	+ D2.0 4.5MM SWRCH16A/ZNW 4MM	
		1437	1SZZH-1003E	SCREW,DRAWING	+ D2.0 13MM SWRCH16A/NIY 4.5M	
		A005	6871R-0P54B	PWB(PCB) ASSEMBLY,TOTAL	RS-01A FRONT, DI	
		1032	4810H-1105A	BRACKET	DVA NM(DVDW) 2T SECC DVDW	
		1033	4810H-1108A	BRACKET	BRACKET W/B JW3 SECC 1.6T -	
		1034	5040H-1078A	RUBBER	ANTI-SHOCK GCC-4120B ,	
		1042	558-026I	SWITCH,TACT	JTP-1236A JEIL - - TACT	
		1043	6600HXF102A	SWITCH,DETECTOR	MPU20160MLB0 MIC DC 5-0 V 0-	
		1043	6600KW3004C	SWITCH,MICRO	SW2AB-254-10 SHINMEI 5VDC 10MA	ALTERNATE
		1044	6630X60119A	CONNECTOR (CIRC),FFC/FPC	FCZ100E-07RSK YEON HO 7P 1.0MM	
		1045	6850R-GG64Z	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 7	
		1434	1SZZH-1072E	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNW 4MM	
		1018	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		1025	5040H-1104C	RUBBER	REAR NM(DVDW) 30 - KEEPER	
		1036	4680HP5025C	MOTOR(MECH)	SPS-15RF-172KPA MOATECH STEPPI	
		1030	6850R-EA78Z	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 78 D-	
		LAR106	0RRZVTA0018	RESISTOR,DRAWING	47 OHM 1 / 16 W 1608*4 5% R/TP	
		LAR107	0RRZVTA0018	RESISTOR,DRAWING	47 OHM 1 / 16 W 1608*4 5% R/TP	
		LAR261	0RRZVTA0014	RESISTOR,DRAWING	10K OHM 1/16W 3216 5% R/TR 8T4	
		LC102	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC103	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC104	0CK106FF94A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC105	0CK106FF94A	CAPACITOR,FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC107	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC108	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC116	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC117	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC118	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC120	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC128	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC132	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC133	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC134	0CH1153K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC135	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC136	0CH1153K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC137	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC139	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC140	0CH1153K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC141	0CH1182K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC143	0CH1182K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC144	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC146	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC149	0CH4271K412	CAPACITOR, FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		LC150	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC151	0CH4392K412	CAPACITOR, FIXED CERAMIC(HIGH D	3900PF 50V 5% NP0 1608 R/TP	
		LC153	0CH4681K412	CAPACITOR, FIXED CERAMIC(HIGH D	680PF 50V 5% NP0 1608 R/TP	
		LC154	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC159	0CH1822K562	CAPACITOR, FIXED CERAMIC(TEMP.C	8200PF 50V 10% X7R(X) 1608 R/T	
		LC161	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC163	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC165	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC175	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC202	0CH1153K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC223	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		LC224	0CH1563K516	CAPACITOR, FIXED CERAMIC(TEMP.C	0.056UF 50V 10% B(5YP) 2012 R/	
		LC226	0CH1823F562	CAPACITOR, FIXED CERAMIC(TEMP.C	82000PF 16V 10% X7R(X) 1608 R/	
		LC228	0CH1822K562	CAPACITOR, FIXED CERAMIC(TEMP.C	8200PF 50V 10% X7R(X) 1608 R/T	
		LC238	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC255	0CH4220K412	CAPACITOR, FIXED CERAMIC(HIGH D	22PF 50V 5% NP0 1608 R/TP	
		LC261	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC262	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC263	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC264	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC266	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC273	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC274	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC303	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC304	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC305	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC307	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC311	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC318	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC352	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC353	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC354	0CH1103K562	CAPACITOR, FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		LC406	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC508	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LIC101	0ILNR00023A	IC, LINEAR	AN22138A-VT MATSUSHITA 32 PIN,	
		LIC121	0ILNR00022A	IC, LINEAR	AN22113A-VT MATSUSHITA 128 PIN	
		LIC201	0IMCR02031A	IC, MICRO CONTROLLER	MN103SA6GSJ MATSUSHITA 216 PIN	
		LIC261	0IMMREO002A	IC, MEMORIES	EM636165TS-7G ETRON 54PIN, TSOP	
		LIC261	0IMMRHY001G	IC, MEMORIES	HY57V161610ETCP-7(0.15UM) HYNI	ALTERNATE
		LIC261	0IMMREB006C	IC, MEMORIES	M12L16161A-7T ESMT 50PIN, TSOP	ALTERNATE
		LIC271	0IPMGRH014A	IC, POWER MANAGEMENT	BD5233G-TR ROHM SMP5C2 R/TP 3.	
		LIC301	0ILNR00045A	IC, LINEAR	BD7956FS ROHM 54PIN, HSOP R/TP	
		LIC401	0IPMGRH015B	IC, POWER MANAGEMENT	BA3259HFP ROHM 5PIN/HRP5 R/TP	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LL101	6140R-G006A	COIL,TRAP FM	LEMC3225T100K SMD TAIYO TP	
		LL102	6140R-G006A	COIL,TRAP FM	LEMC3225T100K SMD TAIYO TP	
		LR102	0RH1002C422	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 1.00% D	
		LR113	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR114	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR155	0RH1202C422	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		LR207	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR218	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		LR221	0RJ1004C677	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1/16 W 5% 1608 R/TP	
		LR222	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR231	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		LR250	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR265	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR295	0RJ2202D477	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1/10 W 1% 1608 R/TP	
		LR301	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR302	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR303	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR304	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR305	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR306	0RH0101D622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 10 W 2012 5.00% D	
		LR319	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR320	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR322	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR365	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR401	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		LR402	0RH3001C622	RESISTOR,METAL GLAZED(CHIP)	3K OHM 1 / 16 W 1608 5.00% D	
		LX201	6212BB3241A	RESONATOR,CERAMIC	CSTCE16M9V53R-0 MURATA 16.934M	
		LAR263	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR271	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR272	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR273	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR274	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR275	0RRZVTA001V	RESISTOR,DRAWING	82 OHM 1 / 16 W 3216 5% R/TP 8	
		LAR276	0RRZVTA0014	RESISTOR,DRAWING	10K OHM 1/16W 3216 5% R/TR 8T4	
		LC110	0CK475DC6CA	CAPACITOR,FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC121	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC122	0CH4221K412	CAPACITOR,FIXED CERAMIC(HIGH D	220PF 50V 5% NP0 1608 R/TP	
		LC123	0CH4331K412	CAPACITOR,FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC124	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC125	0CK475DC6CA	CAPACITOR,FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC126	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC127	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC129	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC138	0CH1153K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.015UF 50V 10% X7R(X) 1608 R/	
		LC142	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC145	0CH1223K562	CAPACITOR,FIXED CERAMIC(TEMP.C	22000PF 50V 10% X7R(X) 1608 R/	
		LC148	0CH1182K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1800PF 50V 10% B(5YP) 1608 R/T	
		LC152	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC155	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC156	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC157	0CK105CC56A	CAPACITOR,FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC158	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC162	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC164	0CH1332K562	CAPACITOR,FIXED CERAMIC(TEMP.C	3300PF 50V 10% X7R(X) 1608 R/T	
		LC170	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC171	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC172	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC201	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC207	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC212	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC213	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC214	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC218	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC219	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC220	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC221	0CK124DH56A	CAPACITOR, FIXED CERAMIC(HIGH D	0.12UF 2012 25V 10% R/TP X7R	
		LC222	0CK475DC6CA	CAPACITOR, FIXED CERAMIC(HIGH D	4.7UF 2012 6.3V 20% R/TP JB	
		LC225	0CH1562K562	CAPACITOR, FIXED CERAMIC(TEMP.C	5600PF 50V 10% X7R(X) 1608 R/T	
		LC230	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC231	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC232	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC233	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC234	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC235	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC236	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC237	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC239	0CK105CC56A	CAPACITOR, FIXED CERAMIC(HIGH D	1UF 1608 6.3V 10% R/TP X7R	
		LC240	0CH1333K512	CAPACITOR, FIXED CERAMIC(TEMP.C	0.033UF 50V 10% B(5YP) 1608 R/	
		LC241	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC242	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC245	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC246	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC247	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC248	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC267	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC268	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC269	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC271	0CH4330K412	CAPACITOR, FIXED CERAMIC(HIGH D	33PF 50V 5% NP0 1608 R/TP	
		LC306	0CK106FF94A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC308	0CH4271K412	CAPACITOR, FIXED CERAMIC(HIGH D	270PF 50V 5% NP0 1608 R/TP	
		LC309	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC310	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC312	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC313	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC315	0CK106FF94A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3225 16V 80%,-20% R/TP F(
		LC317	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC319	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC321	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC322	0CH4820K412	CAPACITOR, FIXED CERAMIC(HIGH D	82PF 50V 5% NP0 1608 R/TP	
		LC323	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC324	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC325	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC326	0CH4151K412	CAPACITOR, FIXED CERAMIC(HIGH D	150PF 50V 5% NP0 1608 R/TP	
		LC327	0CH4331K412	CAPACITOR, FIXED CERAMIC(HIGH D	330PF 50V 5% NP0 1608 R/TP	
		LC328	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC333	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC334	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC335	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC336	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC337	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC388	0CH1102K512	CAPACITOR, FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		LC401	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC402	0CS476HD6DC	CAPACITOR, FIXED TANTALUM	47UF 3528 10V 20% SMD R/TP(SMD	
		LC403	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LC404	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC405	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC413	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC414	0CH8107F621	CAPACITOR, FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC415	0CH8107F621	CAPACITOR, FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC416	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC509	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC510	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC514	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LC515	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC518	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC520	0CH8107F621	CAPACITOR, FIXED ELECTROLYTIC	100UF 16V 20% - R/TP	
		LC521	0CK106EDD7A	CAPACITOR, FIXED CERAMIC(HIGH D	10UF 3216 10V 15% X5R R/TP	
		LC522	0CH1104K942	CAPACITOR, FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		LIC262	0IMMRMR019F	IC, MEMORIES	MX29LV160CBTC-70G MACRONIX 48P	
		LL302	6200HJC106A	FILTER(CIRC), EMC	HH-1M2012-121JT CERATECH TP 3K	
		LL402	6200HJC106A	FILTER(CIRC), EMC	HH-1M2012-121JT CERATECH TP 3K	
		LL403	6200HJC106A	FILTER(CIRC), EMC	HH-1M2012-121JT CERATECH TP 3K	
		LPF303	6630X60074D	CONNECTOR (CIRC), FFC/FPC	04 6232 107 111 801+ KYCERA EL	
		LPM101	6630HXE440E	CONNECTOR (CIRC), FFC/FPC	04 6240 045 013 894+ ELCO 45P	
		LPM301	6630X60108A	CONNECTOR (CIRC), FFC/FPC	04-6232-113-111-801 KYCERA ELC	
		LPM302	6630XE00204	CONNECTOR (CIRC), FFC/FPC	04-6232-504-015-800 ELCO 4P 1.	
		LR116	0RH2202C622	RESISTOR, METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR117	0RH2202C622	RESISTOR, METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR122	0RH3300C622	RESISTOR, METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		LR123	0RH5600C622	RESISTOR, METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		LR201	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR204	0RH4701C622	RESISTOR, METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		LR210	0RH1001C622	RESISTOR, METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		LR212	0RH4702C622	RESISTOR, METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		LR213	0RJ3601C477	RESISTOR, METAL GLAZED(CHIP)	3.6KOHM 1/16 W 1% 1608 R/TP	
		LR224	0RH6800C622	RESISTOR, METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		LR225	0RH1502C622	RESISTOR, METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		LR227	0RJ1501C477	RESISTOR, METAL GLAZED(CHIP)	1.5K OHM 1/16 W 1% 1608 R/TP	
		LR228	0RH6800C622	RESISTOR, METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		LR229	0RH1000C622	RESISTOR, METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR230	0RH1000C622	RESISTOR, METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		LR233	0RJ5601C477	RESISTOR, METAL GLAZED(CHIP)	5.6K OHM 1/16 W 1% 1608 R/TP	
		LR236	0RJ0332C477	RESISTOR, METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR237	0RJ0332C477	RESISTOR, METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR248	0RH0822C622	RESISTOR, METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR260	0RH4700C622	RESISTOR, METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR261	0RH4700C622	RESISTOR, METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR262	0RH4700C622	RESISTOR, METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		LR266	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR267	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR273	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR274	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR275	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR276	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR279	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR281	0RH1002C622	RESISTOR, METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR282	0RH0222C622	RESISTOR, METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR283	0RH0822C622	RESISTOR, METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR284	0RH0822C622	RESISTOR, METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR285	0RH0222C622	RESISTOR, METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR286	0RH0822C622	RESISTOR, METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		LR287	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		LR288	0RH0822C622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		LR291	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR296	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR298	0RJ0332C477	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1/16 W 1% 1608 R/TP	
		LR310	0RH1803C622	RESISTOR,METAL GLAZED(CHIP)	180K OHM 1 / 16 W 1608 5.00% D	
		LR312	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR313	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR316	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR317	0RH2202C622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		LR323	0RH0181D622	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		LR368	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR511	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		LR522	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LR523	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		LPB271	6630B00077F	CONNECTOR (CIRC),BOARD TO BOAR	AA3G88-G2K2L-P P-TWO 55PIN 2.5	
*** BOARD ASSEMBLY ***						
		A47	3501R-2332A	BOARD ASSEMBLY	DVD SMPS(CIS,EUROP,WIDE) 450V/	
		IC101	0IPMG78398A	IC,POWER MANAGEMENT	STR-W6251 SANKEN 6PIN,TO-220F-	
		BC101	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		BD101	0DRVH00060A	DIODE,RECTIFIERS	GBL08L-5701E3-22 VISHAY BK GBL	
▲		C101	624-088F	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
		C102	624-088F	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
		C103	0CE127JV640	CAPACITOR,FIXED ELECTROLYTIC	120UF SMH,HC 450V 20% FM10 BUL	
		C104	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C105	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C106	624-087G	CAPACITOR,FIXED CERAMIC(HIGH D	HIGH-VOL 68PF/1KV SMPS SAMHWA	
		C107	0CQ1521N409	CAPACITOR,FIXED FILM	0.0015UF D 100V 5% PE TP5	
		C108	0CQ4721N409	CAPACITOR,FIXED FILM	0.0047UF D 100V 5% PE TP5	
		C109	0CE336BH638	CAPACITOR,FIXED ELECTROLYTIC	33UF KME TYPE 25V 20% FM5 TP 5	
		C112	0CG1020U630	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF D 400V 20% E(Z5U) R	
		C113	0CG1020U630	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF D 400V 20% E(Z5U) R	
		C120	0CE2276F638	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FM5 TP 5	
		C121	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C122	624-085D	CAPACITOR,FIXED ELECTROLYTIC	CE 47UF/50V KME (SMPS)	
		C123	0CE108EH610	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 25V 20% BULK FL	
		C124	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C125	0CE2282F611	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMF 16V 20% BK7.5 FL	
		C126	624-085D	CAPACITOR,FIXED ELECTROLYTIC	CE 47UF/50V KME (SMPS)	
		C133	624-082G	CAPACITOR,FIXED ELECTROLYTIC	CE 470UF/25V SHL(10*12.5)T/P	
		C134	624-082H	CAPACITOR,FIXED ELECTROLYTIC	CE 1000UF/10V SHL(10*12.5)T/P	
		C135	624-082H	CAPACITOR,FIXED ELECTROLYTIC	CE 1000UF/10V SHL(10*12.5)T/P	
		C143	0CQ6831N409	CAPACITOR,FIXED FILM	0.068UF D 100V 5% PE TP5	
		C155	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		C156	0CE1074F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SRA,SS 16V 20% FM5 TP 5	
		D101	0DRRE00163A	DIODE,RECTIFIERS	1F7(U FORMING) RECTRON BK NON	
		D102	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D121	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D122	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D124	0DSGF00040A	DIODE,SWITCHING	UF5402-M11 GULF BK DO201AD 200	
		D125	0DSKE00141B	DIODE,SWITCHING	B5A60VI , 4MM CUTTING KEC ST T	
		D125	0DSNH00020B	DIODE,SWITCHING	FSQ05A06 4MM CUTTING NIHON INT	ALTERNATE
		D126	0DR104009BA	DIODE,RECTIFIERS	RL104F TP RECTRON - 400V 1A 30	
		D128	0DSGF00030A	DIODE,SWITCHING	SB360-24A GULF BK DO201AD 60V	
		D128	0SDSI00090A	DIODE,SWITCHING	SB360 DIODES BK DO201AD 60V 3A	ALTERNATE
▲		F101	0FS1601B51D	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS/J	
▲		FH01	586-008B	HOLDER	FUSE CLIP TP SINSUNG	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
▲		FH02	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
▲		FR121	0RF0200F708	RESISTOR,VARIABLE[CARBON FILM]	0.2 OHM 1/6 W 10% TA26	
▲		IC102	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
▲		IC102	6500RDB010A	SENSOR,PHOTO	PC123YN2J00F SHARP PHOTOCOUPLE	ALTERNATE
		IC103	0IKE431000A	IC,LINEAR	KIA431 3 PIN TP - -	
		IC103	0ISS431000A	IC,LINEAR	KA431AZ (LM431AZ) - - - -	ALTERNATE
		IC155	0IPMGKE048A	IC,POWER MANAGEMENT	KIA278R12PI-CU KEC 4PIN,TO220I	
		IC155	0IPMG78356A	IC,POWER MANAGEMENT	G9212 GMT 4PIN,TO-220F-4L STIC	ALTERNATE
		IC156	0IPMGKE053B	IC,POWER MANAGEMENT	KIA378R05PI-CU KEC 4PIN,TO-220	
		IC156	0IPMGFA006C	IC,POWER MANAGEMENT	KA378R05-TSTU FAIRCHILD 4PIN,T	ALTERNATE
		L102	6200JB8013R	FILTER(CIRC),EMC	SQ2626 SAMWAH TECOM BK SQ2424	
		L123	6140RCC003H	COIL,RF	CHOKE COIL 22 UH 8X8 5 PIE SAM	
		L124	6140RCC009A	COIL,RF	BAR CHOKE COIL 2 PIN 10 UHCCAR	
		L125	6140RCC003H	COIL,RF	CHOKE COIL 22 UH 8X8 5 PIE SAM	
		P104	561-661B	CONNECTOR (CIRC),HOUSING	5267-02A MOLEX 2PIN 2-54MM STR	
		P1701	6630R-BF03K	CONNECTOR (CIRC),BOARD TO BOAR	JE121-12 JAE EUN 12P 2.54MM	
		P1D01	6630R1P005B	CONNECTOR (CIRC),WAFER	JE202-1-T-04 JAE EUN 4P 3.96MM	
▲		PW101	561-292B	CONNECTOR(CIRC),DRAWING	GP390 LGC 3P 3.96 STRAIGHT SN	
		R100	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R104	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R105	0RD0182F608	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R109	0RS0300K618	RESISTOR,FIXED METAL OXIDE FIL	0.3 OHM 2 W 5% RT5	
		R122	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R131	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R141	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R142	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R143	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R144	0RN3301F408	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1% TA26	
		R145	0RN2701F408	RESISTOR,FIXED METAL FILM	2.7K OHM 1/6 W 1% TA26	
		R146	0RD2200F608	RESISTOR,FIXED CARBON FILM	220 OHM 1/6 W 5% TA26	
		R147	0RD1003F608	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5% TA26	
		R155	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R156	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R160	0RS1200J619	RESISTOR,FIXED METAL OXIDE FIL	120 OHM 1 W 5.00% TR	
		R181	0RD0222F608	RESISTOR,FIXED CARBON FILM	22 OHM 1/6 W 5% TA26	
		R191	0RD0222F608	RESISTOR,FIXED CARBON FILM	22 OHM 1/6 W 5% TA26	
▲		T101	6170RNGW23Q	TRANSFORMER,SMPS[COIL]	EER3534 SAMWHA,KESAN RH100 FOR	
▲		TH01	6322B62204A	THERMISTOR,PTC	NTPAN4R0LDRB0 MURATA 4.0OHM 15	
▲		V101	656-004C	VARISTOR,DRAWING	SVC681D-10A SAMHWA 4.0 CUT	
		ZD101	0DZ332609DA	DIODE,ZENERS	UZ-33BSD 26MM TP PYUNG CHANG	
		ZD103	0DZ120009BH	DIODE,ZENERS	UZ-12BSC PYUNG CHANG TP26 DO34	
		ZD121	0DZ332609FA	DIODE,ZENERS	UZ-3.3B TP PYUNG CHANG DO34 0.	
		D127	0DSKE00141A	DIODE,SWITCHING	B5A60VI KEC ST TO-220IS 60V 5A	
*** CHASSIS ASSEMBLY ***						
		A44	3141R-D082A	CHASSIS ASSEMBLY	RH1000 MAIN EROUPE HDMI	
		260	3140R-D030A	CHASSIS	RH1000 PRESS MAIN	
		261	5040R-0069Q	RUBBER	DVD DV9000S OTHER 05 NEW FOOT	
		262	4986R-0030L	GASKET	DVD RH1000 OTHER W20*L40*H25 E	
		264	4930R-8001A	HOLDER	DVD RH1000 MOLD MAIN PCB	
		265	4930R-0348A	HOLDER	POWER CORD (DV6000)	
		267	5900R-D023C	FAN,DC	FD124015LS(1N2K) YSTECH 40X40X	
		268	4930R-0558A	HOLDER	DVD DR7000 MOLD FAN	
		320	3720R-D138A	PANEL,VIDEO	DVD RH1000 PRESS BACK EROUPE	
		465	1SZZR-0097N	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FZB 3CR BK	
		467	1SZZR-0098X	SCREW,DRAWING	+ 2 D3.0 L20.0 MSWR3/FZB 3CR	
*** BOARD ASSEMBLY ***						
		A54	3501R-1877A	BOARD ASSEMBLY	DVD HDMI (DI) ASSY (RH1000)	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		253	4810R-8002A	BRACKET	DVD RH1000 PRESS HDMI	
		468	1SZZR-0098J	SCREW,DRAWING	+ 2 D3.0 L6.5 MSWR3/FZMCY-1 3	
		CABLE3	6850R-EA08V	CABLE,FLAT	P=0.5 FFC UL2896 SPECIAL 80 C-	
		A54A	6871R-1877A	PWB(PCB) ASSEMBLY,TOTAL	HDMI ASSY (DI) RH1000	
		AR1701	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		AR1702	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		AR1703	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		AR1704	0RRZVTA001F	RESISTOR,DRAWING	33 OHM 1 / 16 W 3216 5% R/TP 8	
		C1701	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1702	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1703	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1704	0CH7106D611	CAPACITOR,FIXED TANTALUM	10UF 10V 20% 3216 TP(-)	
		C1705	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1706	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1707	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1708	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1709	0CH7226D621	CAPACITOR,FIXED TANTALUM	22UF 10V 20% 3528 TP(-)	
		C1710	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1711	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1712	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1713	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1714	0CH1102K512	CAPACITOR,FIXED CERAMIC(TEMP.C	1000PF 50V 10% B(5YP) 1608 R/T	
		C1715	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1716	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1717	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1718	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1719	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1720	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1721	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1722	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1723	0CH1104K512	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 10% B(5YP) 1608 R/TP	
		C1725	0CH7106D611	CAPACITOR,FIXED TANTALUM	10UF 10V 20% 3216 TP(-)	
		C1726	0CH7476D651	CAPACITOR,FIXED TANTALUM	47UF 10V 20% 6032 TP(-)	
		CF1701	6200J000148	FILTER(CIRC),EMC	ECS21P2-900 ABCO REEL TAPING	
		CF1701	6200J000039	FILTER(CIRC),EMC	VC TDK R/TP ACM2012H-900-2P ,0	ALTERNATE
		CF1702	6200J000148	FILTER(CIRC),EMC	ECS21P2-900 ABCO REEL TAPING	
		CF1702	6200J000039	FILTER(CIRC),EMC	VC TDK R/TP ACM2012H-900-2P ,0	ALTERNATE
		CF1703	6200J000148	FILTER(CIRC),EMC	ECS21P2-900 ABCO REEL TAPING	
		CF1703	6200J000039	FILTER(CIRC),EMC	VC TDK R/TP ACM2012H-900-2P ,0	ALTERNATE
		CF1704	6200J000148	FILTER(CIRC),EMC	ECS21P2-900 ABCO REEL TAPING	
		CF1704	6200J000039	FILTER(CIRC),EMC	VC TDK R/TP ACM2012H-900-2P ,0	ALTERNATE
		IC1701	0IPRP00666A	IC,PERIPHERALS	SIL9030 SILICON IMAGE 80PIN,TQ	
		IC1703	0IPRP00664A	IC,PERIPHERALS	UPA672T NEC 5PIN,SC70 REEL TAP	
		JK701	6630R-SY08W	CONNECTOR(CIRC),DRAWING	HDMI,HMR48-AK5210,FRANGE TYPE,	
		L1701	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1702	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1703	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		L1704	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP 3K	
		PHM01	6630X60142A	CONNECTOR (CIRC),FFC/FPC	04-6263-040-000-894+ KYCERA EL	
		R1701	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1702	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R1704	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1705	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1706	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R1707	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R1708	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R1709	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R1710	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R1712	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R1713	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1714	0RH0222C622	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R1715	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R1716	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R1717	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R1718	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		V1701	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1702	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1703	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1704	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1705	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1706	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1707	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
		V1708	6102R7E001A	VARIATOR,DRAWING	AVRL161A1R1NT , TDK , 90V , 16	
*** BOARD ASSEMBLY ***						
		A43	3501RF7838C	BOARD ASSEMBLY	DVD RH1888P1.NA6SLL/RH1888S.NA	
		275	3300RCH001B	PLATE	DKS-5000 PRESS GND 14MM	
		280	3721R-F970S	PANEL ASSEMBLY,FRONT	DVD RH1888P1 NA6SLL (DIVX)	NSP
		452	1SZZR-0098A	SCREW,DRAWING	+ 2 D3.0 L10.0 MSWR3/FZMCY-1 3	
		A50	6871R-9664A	PWB(PCB) ASSEMBLY,TOTAL	6,7,8 TOOL (FRONT) RH1000	
		C901	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C902	0CH1223K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.022UF 50V 80%,-20% Y5V(F) 16	
		C903	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C904	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C905	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C906	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C907	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C908	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		C909	0CH1104K942	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 50V 80%,-20% Y5V(F) 1608	
		IC901	0IPRPPY002A	IC,PERIPHERALS	PT6315 PTC 44 LQFP TRAY VFD DR	
		L901	6140H-B003G	INDUCTOR,CHIP	NLC322522T-100K 10MH TDK	
		L902	6140H-B003G	INDUCTOR,CHIP	NLC322522T-100K 10MH TDK	
		PTM01	6630XE00116	CONNECTOR (CIRC),FFC/FPC	04-6232-016-010-800+ ELCO 16P	
		R901	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R902	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R903	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R904	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R905	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R906	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R907	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R908	0RH5602C622	RESISTOR,METAL GLAZED(CHIP)	56K OHM 1 / 16 W 1608 5.00% D	
		R909	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R910	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R911	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R912	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R913	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R914	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R915	0RH1501C622	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R916	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R917	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R918	0RH6800C622	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R923	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		C910	0CE2274C638	CAPACITOR,FIXED ELECTROLYTIC	220UF SRA,SS 6.3V 20% FM5 TP 5	
		C911	0CE4763F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRE,SE 16V 20% FM5 TP 5	
		C912	0CE4763F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRE,SE 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		DIS901	6302R-V243A	DIGITRON	FV-834ND FUTABA SEG VFD DR7000	
		PTT01	561-711B	CONNECTOR (CIRC),WAFER	GIL-S-02P-S2T2-EF LG CABLE 2PI	
		PTT02	561-711B	CONNECTOR (CIRC),WAFER	GIL-S-02P-S2T2-EF LG CABLE 2PI	
		RM901	6712R1638GB	REMOTE CONTROLLER RECEIVER	TSOP4438RF1 VISHAY 38KHZ =TSOP	
		SW901	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW902	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW903	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW904	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW905	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW906	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW907	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW908	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		SW909	6600R000028	SWITCH,TACT	TSHB-2V HUA JIE 12VDC DC 50MA	
		CABLE1	6631R-E116H	CONNECTOR ASSEMBLY	GIL-S/GIL-S 2P 260M/M 1 TAPPIN	
		CABLE2	6850R-GP10D	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 16	

***DIFFERENCE TABLE**

MODELS: (A)RH188H(LGEFS), (B)RH188H(LGSTUH), (C)RH1999H(LGEMC)

RUN DATE:18,APRIL.2006

NSP:Not Service Part

S	AL	LOCA.NO	PART NO(LG)	A	B	C	DESCRIPTION	SPECIFICATION	REMARKS
		A26	3551R-5588B	O	O		Cover Assembly	DVD 160GB (RH1000,DI)	
		A26	3551R-5588C			O	Cover Assembly	DVD 250GB (RH1000,DI)	
		A43	3501RF7838C	O	O		Board Assembly	DVD RH1888P1.NA6SLL/RH1888S.NA	
		A43	3501RF7906N			O	Board Assembly	DVD RH1999P1S NA8MLL FRONT BOA	
		A46	3501R-9009B	O	O		Board Assembly	DVD D/L ,HDMI (RH1000) DI	
		A46	3501R-9009J			O	Board Assembly	DVD D/L ,HDMI ,MEMORY PAL (RH1	
		A50	6871R-9662A			O	PCB Assembly	9TOOL (DI) RH1000	
		A50	6871R-9664A	O	O		PCB Assembly	6,7,8 TOOL (FRONT) RH1000	
		A52	3501R-669AW	O			Board Assembly	DVD RH1888S .NA3FLL	
		A52	AAX30070210		O		Board Assembly	DVD RH1888S NA9SSL	
		A52	AAX30070242			O	Board Assembly	DVD RH1999P1S NA8MLL	
		104	6744BSUN30A			O	HDD	HDT722525DLAT80 3.5INCH 250.0G	
		104	6744BSUN31A	O	O		HDD	ST3160212ACE 3.5INCH 160.0GB I	
		280	3721R-F949N			O	Panel Assembly,Front	DVD RH1999P1S NA8MLL FRONT PAN	
		280	3721R-F970S	O	O		Panel Assembly,Front	DVD RH1888P1 NA6SLL (DIVX)	
		801	3835RD0088N	O			Manual Assembly	DVD RH1878S/RH1888S-NA3FLL	
		801	3835RD0095B		O		Manual Assembly	DVD RH1878S-NA9SSL	
		801	AFN30271503			O	Manual Assembly	DVD RH1999P1S-NA8MLL ASSY	
		802	3890R-C419H	O	O		Box,Master	RH1888P1. NA6SLL DW2	
		802	3890R-C423M			O	Box,Master	BOX SWM3 498 147 382 4 COLOR R	
		AR1501	0RR0222Q62A			O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1502	0RR0222Q62A			O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1503	0RR0222Q62A			O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		AR1504	0RR0222Q62A			O	Resistor,Array	RCA86TRJ22R0 22OHM 5% 1/16W 4	
		C1501	0CH1104K512			O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C1504	0CH1104K512			O	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 50V Y	
		C603	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C604	0CE4764F638	O	O		Capacitor,AL,Radial	ESS476M016T1A5C07G 47uF 20% 16	
		C605	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C607	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C608	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C610	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C612	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C616	0CH1104K942	O	O		Capacitor,Ceramic,Chip	0603F104Z500CT 100nF -20TO+80%	
		C762	0CE2273C638	O	O		Capacitor,AL,Radial	SRE5.0TP6.3VB220M 220uF 20% 6.	
		C763	0CE1064F638	O	O		Capacitor,AL,Radial	ESS106M016T1A5B07G 10uF 20% 16	
		C771	0CH1104K942	O	O		Capacitor,Ceramic,Chip	0603F104Z500CT 100nF -20TO+80%	
		IC1301A	6957R-1881A	O	O		S/W,System Program	RH1000 PAL PROGRAM	
		IC1301A	6957R-1881D			O	S/W,Firmware	(PAL) MPEG4 Recording RH1000'S	
		IC1503	0ISTLPH037A			O	IC,CMOS	74LVC541APW 1.2TO3.6V 0.01mA B	
		IC903	0IPRPJR011A	O	O		IC,Analog Switch	NJM2521M 4.75TO13V - - 500MW S	
		IC904	0IPRPJR011A	O	O		IC,Analog Switch	NJM2521M 4.75TO13V - - 500MW S	
		L1501	6200HJC102A			O	Filter,Bead	HB-1M2012-102JT 1000OHM 2X1.25	
		PMC09	6630X60142A			O	Conector,FFC/FPC/PIC	04-6263-040-000-894+ 40P 0.50M	
		Q705	0TR387509AC	O	O		TR,Bipolar	KTC3875S-GR(ALG) NPN 5V 60V 50	

S	AL	LOCA.NO	PART NO(LG)	A	B	C	DESCRIPTION	SPECIFICATION	REMARKS
		Q707	0TR387509AC	O	O		TR,Bipolar	KTC3875S-GR(ALG) NPN 5V 60V 50	
		R1501	0RH1002C622			O	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	
		R1503	0RH0000C622			O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R1504	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1505	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1506	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1507	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1508	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1509	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1510	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1511	0RH6800C622			O	Resistor,Chip	MCR03EZPJ681 680OHM 5% 1/10W 1	
		R1512	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1513	0RH0222C622			O	Resistor,Chip	MCR03EZPJ220 22OHM 5% 1/10W 16	
		R1514	0RH0000C622			O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R723	0RH0000C622			O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R724	0RH4701C622			O	Resistor,Chip	MCR03EZPJ472 4.7KOHM 5% 1/10W	
		R780	0RH2202C622	O	O		Resistor,Chip	MCR03EZPJ223 22KOHM 5% 1/10W 1	
		R987	0RH0000C622			O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R988	0RH0000C622			O	Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		R990	0RH1000D622	O	O		Resistor,Chip	MCR10EZHJ101 100OHM 5% 1/8W 20	
		R991	0RH1000D622	O	O		Resistor,Chip	MCR10EZHJ101 100OHM 5% 1/8W 20	
		R993	0RH0000C622	O	O		Resistor,Chip	MCR03EZPJ000 0OHM 5% 1/10W 160	
		TU701	6700PFPL08A	O	O		Tuner,Tuner/Modulator	TADS-S101D PAL-B/G SECAM- L/L	
		TU701	6700PFPL08F			O	Tuner,Analog	TADS-M901D PAL-B/G+I+M+D/K 48.	
EEPROM(OPTION HEX CODE) 1-6 PAGE									
		EEPROM	6957R-669AW	O			S/W,System Program	D8 00 60 61 4E AE 06 12 (RH188	
		EEPROM	SAA30012010		O		S/W,System Program	D8 00 20 60 4E AE 03 08 RH1888	
		EEPROM	SAA30012047			O	S/W,System Program	48 20 02 70 0E DF 0D 01 RH1999	

