

Self Diagnosis
Supported model

SERVICE MANUAL

LE-4B CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KDF-E42A11E	RM-ED002	AEP	KDF-E50A11E	RM-ED002	AEP



KDF-E42/50A11E



RM-ED002

LCD PROJECTION TV
SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

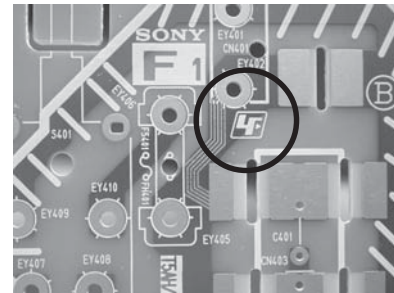
CAUTION

Lead Free Soldered Boards

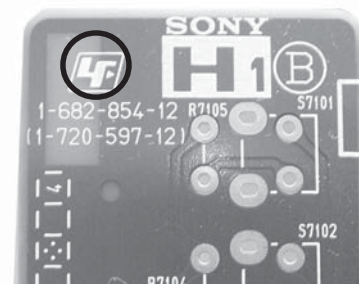
The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.



example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

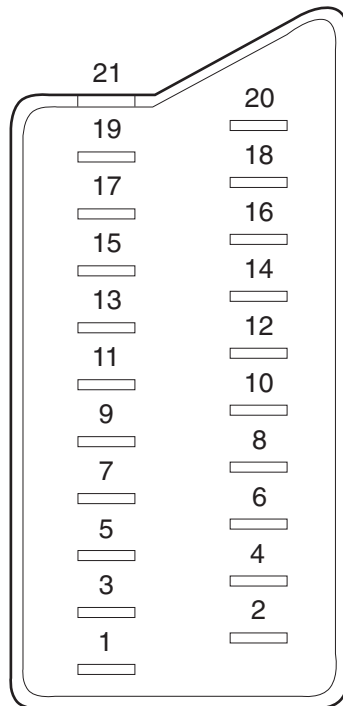
For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
AEP	B/G, L, I, D/K, DVB-T	NICAM Stereo	UHF : B21-B69 VHF: E02-E12 CATV: S1-S20 HYPER: S21-S41	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size	Approx 107 cm (42 inches) KDF-E42A11E Approx 127 cm (50 inches) KDF-E50A11E	Sound Output	
		Right and Left speaker	2x20W (Music Power) 2x10W (RMS)
Input/Output Terminals [REAR]		General Specifications	
1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V
		Power Consumption/ Standby	Approx 175W/0.8W
2: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs for Video and Audio signals (selectable). Smartlink interface.	Dimensions	Approx 720 x 1000 x 350mm (KDF-E42A11E) Approx 825 x 1180 x 395mm (KDF-E50A11E)
		Weight	Approx 25.1kg (KDF-E42A11E) Approx 29.6kg (KDF-E50A11E)
Phono Jacks	Output Connectors variable for Audio Signals.	Supplied Accessories	RM-ED002 Remote Commander (1) IEC designated R6 battery (2) Coaxial Cable (1)
Minijack	Input for PC Audio.	Other Features	3D Comb Filter, Teletext, NextView, PAT, Smartlink, Virtual Dolby, BBE, NICAM, HDMI input, PCMCIA, modem out.
D type connector	PC input.		
Input/Output Terminals [FRONT]		Remote control system : Infrared control	
Headphone jack	stereo mini jack	Power requirements	3V dc 2 batteries IEC designation LR03 (size AAA)
Audio inputs	phono jacks		
Video inputs	phono jacks		
S Video input	4 pin DIN		
Design and specifications are subject to change without notice.			

Model Name Item	KDF-E42A11E	KDF-E50A11E
PAP	OFF	OFF
PAT	ON	ON
RGB Priority	ON	ON
Sub Woofer	OFF	OFF
Scart 1	ON	ON
Scart 2	ON	ON
Front in (4)	ON	ON
Projector	ON	ON
Norm B/G	ON	ON
Norm I	ON	ON
Norm D/K	ON	ON
Norm AUS	OFF	OFF
Norm L	ON	ON
Norm SAT	OFF	OFF
Norm M	OFF	OFF
Teletext	ON	ON
Nicam Stereo	ON	ON

21 pin connector



Pin No	1	2	3	Signal	Signal level
1	○	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
2	○	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedance : More than 10kohm*
3	○	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
4	○	○	○	Ground (audio)	
5	○	○	○	Ground (blue)	
6	○	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedance : More than 10kohm*
7	○	●	●	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedance : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	○	Ground (green)	
10	○	○	○	Open	
11	○	●	●	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	○	○	○	Open	
13	○	○	○	Ground (red)	
14	○	○	○	Ground (blanking)	
15	○	-	-	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	○	○	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	●	●	Blanking input (Y's signal)	High state (1-3V) Low state (0-0.4V) Input impedance : 75 ohms
17	○	○	○	Ground (video output)	
18	○	○	○	Ground (video input)	
19	○	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	-	-	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	○	○	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel



Front Connection Panel

S-Video socket



S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V +/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V +/- 3dB 75ohm, positive Sync.

SECTION 1 SELF DIAGNOSIS FUNCTION

LE-4B Self Diagnostic Software

LE-4B chassis TV's contain a self diagnosis function. In the event of an error occurring, the STANDBY LED indicator will automatically begin to flash. The number of times the STANDBY LED indicator flashes translates to a probable source of the problem. If an error symptom cannot be reproduced, the remote commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

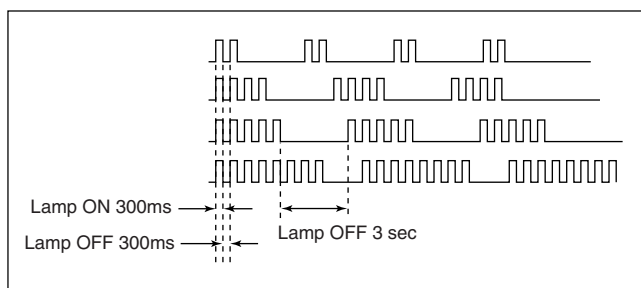
1. DIAGNOSTIC TEST INDICATORS

When an error occurs, the STANDBY indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

The result for all of the following diagnosis items are displayed on screen. No error has occurred if the screen displays a "0".

Error Message	LED Code	Probable Cause Location	Symptom
Lamp Cover Error	02	- Lamp cover is not attached securely. - Lamp is not set securely.	- No picture/No sound
Lamp Prot	03	- Lamp for light source burns out.	
Fan Prot	04	- Fan has no power. - Fan connector is not attached securely.	- No picture/No sound
Temp Prot	05	- Set temperature is high - Temp sensor connector is not attached securely.	- No picture/No sound
SP Prot	06	- Speakers Protection error.	- No picture/No sound
Digital	08	- N board error.	- No picture/No sound
Tuner	09	- Tuner error.	- No picture/No sound
SP	10	- Sound processor error.	
SVP	11	- Video processor error.	
CDEC	12	- Chroma decoder error.	
AV Switch	13	- AV switch error.	
RTC	14	- Real Time clock error.	
PEXP1	16	- Port expander 1 error.	
PEXP2	17	- Port expander 2 error.	
NVM	19	- NVM error.	
IIC	20	- I2C bus error.	- No picture/No sound

2. DISPLAY OF STANDBY INDICATOR FLASH COUNT



Revision 2.0

(Click on table to see related change)

3. STOPPING THE STANDBY INDICATOR FLASH

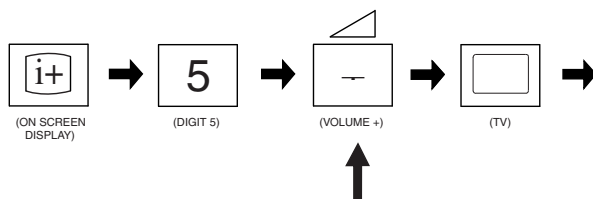
Turn off the power switch on the TV to stop the STANDBY indicator from flashing.

4. SELF-DIAGNOSTIC SCREEN DISPLAY

For errors with symptoms such as “power sometimes shuts off” or “screen sometimes goes off” that cannot be confirmed, it is possible to bring up past occurrences of failure on the screen for confirmation.

To bring up the screen test

In standby mode, press buttons on the remote commander sequentially in rapid succession as shown below:



Note that this differs from entering the service mode (volume).

The following screen will be displayed indicating the error count.

E02:	LAMP COVER	(0,255)	0
E03:	LAMP PROT	(0,255)	0
E04:	FAN PROT	(0,255)	0
E05:	TEMP PROT	(0,255)	0
E06:	SP PROT	(0,255)	0
E08:	DIGITAL	(0,255)	0
E09:	TUNER	(0,255)	0
E10:	SOUNDPROC	(0,255)	0
E11:	VCTP	(0,255)	0
E12:	CDEC	(0,255)	0
E13:	AV SWITCH	(0,255)	0
E14:	RTC	(0,255)	0
E16:	PORTEXP1	(0,255)	0
E17:	PORTEXP2	(0,255)	0
E19:	NVM	(0,255)	0
E20:	IIC	(0,255)	0
WORKING TIME			
HOURS		(0,65535)	2
MINUTES		(0,59)	58

Numeral “0” means that no fault was detected.
Numerical “1” means the number of a fault occurrence (1 ~ 255).

Revision 2.0
(Click on table to see related change)

To clear the error display count press “8” then “0” on the remote commander.

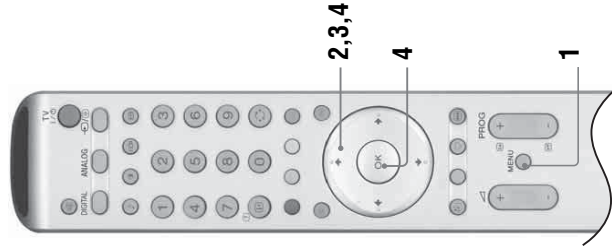
To exit the self-diagnostic screen, turn off the power switch on the TV set.

SECTION 2 GENERAL

Using the Menu

Using the Menu

Navigating through menus



- 1 Press MENU to display the menu.
- 2 Press ← to select a menu icon, press →.
- 3 Press →/←/→ to select an option.
- 4 Press →/←/→ to change/set the setting, then press OK.
To exit the menu, press MENU.
To return to the last display, press ←.

Continued

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.
For equipment connected to the scart sockets using a fully-wired 21-pin scart lead
Start playback on the connected equipment.
The picture from the connected equipment appears on the screen.

For an auto-tuned VCR page 11
Press PROG +/- or the number buttons, to select the video channel. You can also press →/← repeatedly until the correct input symbol (see below) appears on the screen. Press → to access the Input signal index table. Press → to select an input source, press ↓/↑, then press OK.

For other connected equipment
Press →/← repeatedly until the correct input symbol (see below) appears on the screen or press OK to access the Input signal index table. Press → to select an input source, press ↓/↑, then press OK.

→/←1, →/←2: Audio/video or RGB input signal through the scart socket →/←1 or 2. →/← appears only if an RGB source has been connected.

→/←3: Component input signal through the Y, Pb/Cb, Pr/Cr sockets →/←3, and audio input signal through the L/G/S/I, R/D/D sockets →/←3.

→/←4/S→/←4: Video input signal through the video socket →/←4, and audio input signal through the audio socket L/G/S/I (MONO), R/D/D sockets →/←4. S→/←4 appears only if the equipment is connected to the S video socket S→/←4 instead of the video socket →/←4, and S video input signal is input through the S video socket S→/←4.

→/←5: RGB input signal through the PC connectors →/←5, and audio input signal through the socket →/←5.

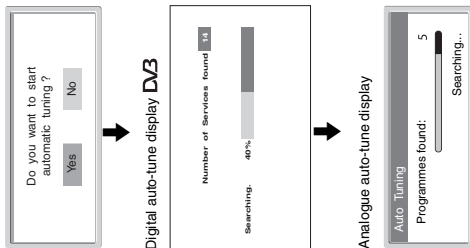
→/←6: Digital audio/video signal is input through the HDMI IN 6 socket. Audio input signal is analogue only if the equipment has been connected using the DVI and audio out socket.

Additional operations

To	Do this
Return to the normal Press DIGITAL or ANALOG. TV operation	
Access the Input signal index table	Press OK. Press → to select an input source, press ↓/↑, then press OK.

Getting Started

- 1 Press OK to select "Yes".



The TV starts searching for all available digital channels followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.
Once all available digital and analogue channels have been stored, the TV returns to normal operation, displaying the digital channel stored on channel number 1. If no digital channels are found, the analogue channel stored on channel 1 is displayed.

When a message appears for you to confirm the aerial connections
No digital or analogue channels are found. Check all the aerial connections and press OK twice to start auto-tuning again.

- 2 The Programme Sorting menu appears on the screen.

Note

If some digital channel is found, this step will not appear

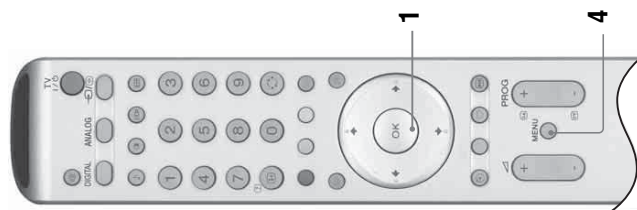
- 3 To change the order in which the channels are stored on the TV. See page 30.

- 4 Press MENU to exit.

The TV has now tuned in all the available channels.
Tip
DV3 functions are available only for DV3 countries (page 2).

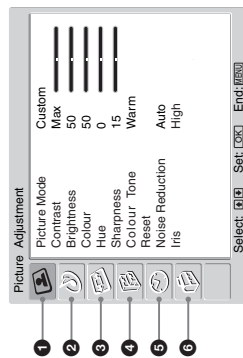
7: Auto-tuning the TV

After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen.
You must tune the TV to receive channels (TV broadcasts). Do the following to search and store all available channels.



Overview of the menus

The following options are available in each menu. For details on navigating through menus, see (page 19). Also, see page in parentheses for details of each menu.



1 Picture Adjustment

- Picture Mode (21)
- Contrast/Brightness/Colour/Hue/Sharpness (21)
- Colour Tone (21)
- Reset (22)
- Noise Reduction (22)
- Iris (22)

2 Sound Adjustment

- Sound Effect (23)
- Treble/Bass/Balance (23)
- Reset (23)
- Dual Sound (24)
- Auto Volume (24)

3 Screen

- Auto Format (25)
- Screen Format (25)
- RGB Center (25)

4 Features

- AV2 Output (26)
- TV Speakers (26)
- PC Adjustment (27)

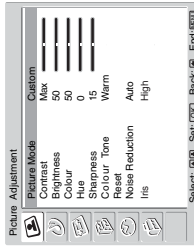
5 Timer

- Sleep Timer (28)
- Clock Set (28)
- Timer (28)

6 Set Up

- Auto Start Up (29)
- Language (29)
- Country (29)
- Auto Tuning (30)
- Programme Sorting (30)
- Programme Labels (31)
- AV Preset (31)
 - Label/Skip
- Manual Programme Preset (31)
 - Programme/System/Channel/Label/AFT/Audio Filter/Skip/Decoder/ATT/Confirm
- Digital Set Up (34)
 - Digital Tuning/Digital Set-up

Picture Adjustment menu



You can select the options listed below on the Picture Adjustment menu. To select options, see "Navigating through menus" (page 19).

Tip
When you set the "Picture Mode" option to "Vivid" or "Standard," you can adjust only "Contrast," and "Reset."

Picture Mode

Selects the picture mode.

- 1 Press OK to select "Picture Mode".
 - 2 Press $\blacktriangleleft/\blacktriangleright$ to select one of the following picture modes, then press OK.
 - Vivid: For big lighted spaces.
 - Standard: Optimal picture for home use.
 - Custom: Allows you to store your own preferred settings.
- Tip**
You can change the picture mode by pressing $\blacktriangleleft/\blacktriangleright$ repeatedly.

Contrast/Brightness/Colour/Hue/Sharpness

- 1 Press OK to select the option.
- 2 Press $\blacktriangleleft/\blacktriangleright$ to set the level, then press OK.
 - Tip**
"Hue" can only be adjusted for an NTSC colour signal (e.g. U.S.A. video tapes).
"Brightness", "Colour", "Hue" and "Sharpness" only appear and can be adjusted if "Picture Mode" is set to "Custom".

Colour Tone

- 1 Press OK to select "Colour Tone".
 - 2 Press $\blacktriangleleft/\blacktriangleright$ to select one of the following, then press OK.
 - Cool: Gives the white colours a blue tint.
 - Neutral: Gives the white colours a neutral tint.
 - Warm: Gives the white colours a red tint.
- Tip**
"Warm" only appears and can be adjusted if "Picture Mode" is set to "Custom".

Continued

Reset

Reset all the picture settings to the factory settings.

- 1 Press OK to select "Reset".
- 2 Press **↓/↑** to select "OK," then press OK.

Noise Reduction

Reduces the picture noise (snowy picture) in a weak broadcast signal.

- 1 Press OK to select "Noise Reduction".
- 2 Press **↓/↑** to select "Auto," then press OK.

Tip

This option cannot be used for an input signal from the Y, Pb/Cb, Pr/Cr sockets of **→** **↔** **←**.

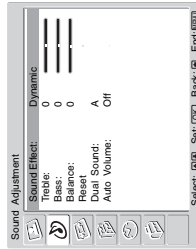
Iris

Enhances the contrast for dark scenes.

- 1 Press OK to select "Iris".
- 2 Press **↓/↑** to select "High", "Mid", "Low" or "Off" then press OK.

Sound Adjustment menu

You can select the options listed below on the Sound Adjustment menu. To select options, see "Navigating through menus" (page 19).



Sound Effect

- 1 Press OK to select "Sound Effect".
- 2 Press **↓/↑** to select one of the following sound effects, then press OK.
 - Natural: Enhances clarity, detail, and sound presence by using "BBE High definition Sound System."¹
 - Dynamic: Intensifies clarity and sound presence for better intelligibility and musical realism by using the "BBE High definition Sound System."
 - Dolby Virtual²: Uses the TV speakers to simulate the surround effect produced by a multi channel system.
 - Off: Flat response.

Tips

You can change sound effect by pressing **↓** repeatedly. If you set "Auto Volume" to "On", "Sound Effect" changes to "Natural".

¹ Licensed by BBE Sound, Inc. under USP4638258, 4482866. "BBE" and BBE symbol are trademarks of BBE Sound, Inc.

² Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol **DD** are trademarks of Dolby Laboratories.

Treble/Bass/Balance

Adjusts higher-pitched sounds (Treble), adjusts lower-pitched sounds (Bass), and emphasizes left or right speaker balance (Balance).

- 1 Press OK to select the option.
- 2 Press **←/→** to set the level, then press OK.

Reset

Resets the "Treble," "Bass" and "Balance" settings to the factory settings.

- 1 Press OK to select "Reset".
- 2 Press **↓/↑** to select "OK," then press OK.

Continued

Dual Sound

Selects the sound from the speaker for a stereo or bilingual broadcast.

- 1 Press OK to select "Dual Sound".
 - 2 Press **↓/↑** to select one of the following, then press OK.
 Stereo/Mono: For a stereo broadcast.
 A/B/Mono: For a bilingual broadcast, select "A" for sound channel 1, "B" for sound channel 2, or "Mono" for a mono channel, if available.
- Tip**
 If you select other equipment connected to the TV, set "Dual Sound" to "Stereo," "A" or "B."

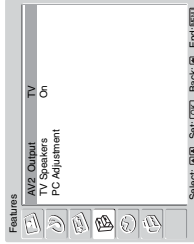
Auto Volume

Keeps a constant volume level even when volume level gaps occur (e.g. adverts tend to be louder than programmes).

- 1 Press OK to select "Auto Volume".
 - 2 Press **↓/↑** to select "On," then press OK.
- Tip**
 If you set "Sound Effect" to "Dolby Virtual", "Auto Volume" will automatically be switched to "Off".

Features menu

You can select the options listed below on the Features menu. To select options, see "Navigating through menus" (page 19).



AV2 Output

Sets a signal to be output through the socket labelled **AV2** on the rear of the TV. If you connect a VCR to the **AV2** socket, you can then record from the equipment connected to other sockets of the TV.

- 1 Press OK to select "AV2 Output".
- 2 Press **↓/↑** to select one of the following, then press OK.
 D-TV: Outputs a digital broadcast.
 A-TV: Outputs an analogue broadcast.
 AV1: Outputs signals from equipment connected to the **AV1** socket.
 AV4: Outputs signals from equipment connected to the **AV4** socket.
 Auto: Outputs whatever is being viewed on the screen.

TV Speakers

Turns off the TV speakers e.g. to listen to the sound through external audio equipment connected to the TV.

- 1 Press OK to select "TV Speakers".
 - 2 Press **↓/↑** to select one of the following, then press OK.
 On: the sound is output from the TV speakers.
 One Time Off: the TV speakers are temporarily turned off allowing you to listen to the sound from external audio equipment.
- Tip**
 The "TV speakers" option automatically returns to "On" when the TV set is switched off.
 Permanent Off: the TV speakers are permanently turned off allowing you to listen to the sound from external audio equipment.
- Tip**
 To turn on the TV speakers again, change to on.

PC Adjustment

Customizes the TV screen as a PC monitor.

- 1 Press OK to select "PC Adjustment".
- 2 Press **↓/↑** to select one of the following, then press OK.
 - Phase: Adjust the screen when a part of a displayed text or image is not clear.
 - Pitch: Enlarges or shrinks the screen size horizontally.
 - H Center: Moves the screen to the left or to the right.
 - V Center: Moves the screen up or down.
 - Power saving: Turns to standby mode if no PC signal is received.
 - Reset: Resets to the factory settings.

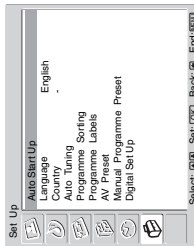
Tip

This option is only available if you are in PC Mode.

Using the Menu

Set Up menu

You can select the options listed below on the Set Up menu. To select options, see "Navigating through menus" (page 19).



Auto Start Up

Starts the "first time operation menu" to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (13). However, this option allows you to repeat the process (e.g., to retune the TV after moving house).

- 1 Press OK to select "Auto Start Up".
- 2 Press OK to select "Yes."
The auto-tune display appears on the screen.
- 3 Follow steps of "6. Selecting the language and country/region" (page 12) and "7. Auto-tuning the TV" (page 13).

Language

Selects the language in which the menus are displayed.

- 1 Press OK to select "Language".
- 2 Press **↑/↓/←/→** to select the language, then press OK.
All menus will appear in the selected language.

Country

Selects the country/region where you operate the TV.

- 1 Press OK to select "Country".
- 2 Press **↑/↓** to select the country/region in which you will operate the TV, then press OK.
If the country/region in which you want to use the TV does not appear in the list, select "..." instead of a country/region.

Continued

Auto Tuning (Analogue mode only)

Tunes in all the available analogue channels. Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 13). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for a new channels that have been launched by broadcasters).

- 1 Press OK to select "Auto Tuning".
- 2 Follow step 1 of "Auto-tuning the TV" (page 13).
When all available analogue channels have been tuned, the TV returns to normal operation.

Programme Sorting (Analogue mode only)

Changes the order in which the analogue channels are stored on the TV.

- 1 Press OK to select "Programme Sorting".
- 2 Press \uparrow/\downarrow to select the channel you want to move to a new position, then press OK.
- 3 Press \uparrow/\downarrow to select the new position for your channel, then press OK.
Repeat the procedure in steps 2 and 3 to move other channels if required.

Programme Labels (Analogue mode only)

Assigns a channel name of your choice up to five letters or numbers. The name will be displayed briefly on the screen when the channel is selected. (Names for channels are usually taken automatically from Text (if available).)

- 1 Press OK to select "Programme Labels".
- 2 Press \uparrow/\downarrow to select the channel you want to name, then press OK.
- 3 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select the desired letter or number (" \square " for a blank space), then press OK.
If you input a wrong character
Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select \square/\square and press OK repeatedly until the wrong character is selected. Then, press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select the correct character and press OK.
- 4 Repeat the procedure in step 3 until the name is complete.
- 5 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select "End," then press OK.

Using the Menu

AV Preset

Do the following options:

- 1 Press OK to select "AV Preset".
- 2 Press \uparrow/\downarrow to select the desired input source, then press OK.
- 3 Press OK. Then press \uparrow/\downarrow to select the desired option below, then press OK.

Option	Description
Label	Assigns a name to any equipment connected to the side and rear sockets. The name will be displayed briefly on the screen when the equipment is selected. Press \uparrow/\downarrow to select one of the following, then press OK. AV1 (or AV2/AV3/AV4/PC/HDMI) VIDEO/DVD/CABLE/ GAME/CAM/SAT: Uses one of these preset labels. Edit: Creates your own label. Follow steps 3 through 5 of Programme Labels (page 31). Skip: Skips an input source that is not connected to any equipment when you press \uparrow/\downarrow to select the input source. After selecting this option, press OK. Sound Offset: Sets an independent volume level to each equipment connected to the TV. Press \rightarrow to select "Sound Offset", then press OK. Press \uparrow/\downarrow to select the desired volume level.

Manual Programme Preset (Analogue mode only)

Before selecting "Label"/"AFT"/"Audio Filter"/"Skip"/"Decoder"/"ATT", press PROG +/- to select the programme number with the channel. You cannot select a programme number that is set to skip (page 33).

- 1 Press OK to select "Manual Programme Preset".
- 2 Press \uparrow/\downarrow to select one of the following options, then press OK.

Continued

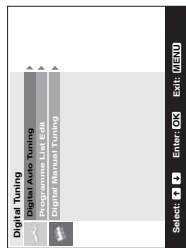
Using the Menu

Option	Description
Programme	<p>Presets programme channels manually.</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to select "Programme", then press OK. 2 Press ↑/↓ to select the programme number you want to manually tune (if tuning a VCR, select channel 0), then press ←. 3 Press ↑/↓ to select "System", then press OK.
System	<p>Note Depending on the country/region selected for "Country" (page 26), this option may not be available.</p> <ol style="list-style-type: none"> 4 Press ↑/↓ to select one of the following TV broadcast systems, then press ←. B/G: for western European countries/regions D/K: for eastern European countries/regions I: for the United Kingdom L: for France
Channel	<ol style="list-style-type: none"> 5 Press ↑/↓ to select "Channel", then press OK. 6 Press ↑/↓ to select "S" (for cable channels) or "C" (for terrestrial channels), then press →. 7 Tune the channels as follows: If you do not know the channel number (frequency) Press ↑/↓ to search for the next available channel. When a channel has been found, the search will stop. To continue searching, press ↑/↓. If you know the channel number (frequency) Press the number buttons to enter the channel number of the broadcast you want on your VCR channel number.
Label	<ol style="list-style-type: none"> 8 Press OK. 9 Press OK to select "Confirm", then press OK. Repeat the procedure above to preset other channels manually. <p>Assigns a name of your choice, up to five letters or numbers, to the selected channel. This name will be displayed briefly on the screen when the channel is selected.</p> <ol style="list-style-type: none"> 1 Follow steps 3 to 5 of "Programme Labels" (page 31). 2 Press OK to select "Confirm", then press OK.
AFT	<p>Fine-tunes the selected programme number manually if you feel that a slight tuning adjustment will improve the picture quality. (Normally, fine tuning is performed automatically.)</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to adjust the fine tuning over a range of -15 to +15, then press OK. 2 Press OK twice. To restore automatic fine tuning, select "On" in step 1.
Audio Filter	<p>Improves the sound for individual channels in the case of distortion in mono broadcasts. Sometimes a non-standard broadcast signal can cause sound distortion or intermittent sound muting when watching mono programmes.</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to select "Low" or "High", then press OK. If you do not experience any sound distortion, we recommend that you leave this option set to the factory setting "Off". 2 Press OK to select "Confirm", then press OK. <p>Note You cannot receive stereo or dual sound when "Low" or "High" is selected.</p>
Skip	<p>Skips unused analogue channels when you press PROG +/- to select channels. (You can still select a skipped channel using the number buttons.)</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to select "Yes", then press OK. 2 Press OK to select "Confirm", then press OK. To restore a skipped channel, select "No" in step 1.
Decoder	<p>Records the scrambled channel selected when using a decoder connected to the scart connector $\text{SCART} \rightarrow \text{VCR}$ either directly or via a VCR.</p> <p>Note Depending on the country/region selected for "Country" (page 29), this option may not be available.</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to select "On", then press OK. 2 Press OK to select "Confirm", then press OK. To cancel this function afterwards, select "Off" in step 1.
ATT	<p>Attenuates the RF signal. In case of a strong RF signal, some video interference may be displayed.</p> <ol style="list-style-type: none"> 1 Press ↑/↓ to select "On", then press OK. 2 Press OK to select "Confirm", then press OK. <p>Tip This option cannot be used if "AV2 Output" is set to "D-TV" (page 26).</p>

Digital Set Up DV3

Displays the "Digital Set Up" menu. You can change/set the digital settings using this menu.

- 1 Press **OK** to select "Digital Set Up".
- 2 Press **↓/↑** to select the desired icon below, then press **OK**.



Digital Tuning menu

- 3 Press **↓/↑** to select one of the following options, then press **OK**.

Option	Description
Digital Tuning Digital Auto Tuning	Tunes in all the available digital channels. Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 13). However, this option allows you to repeat the process (e.g. to retune the TV after moving house, or to search for new channels that have been launched by broadcasters). 1 Press OK to start digital auto-tuning. When all available digital channels have been tuned, a message stating that the auto-tuning process is finished appears. 2 Press ← .
Programme List Edit	Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV. 1 Press ↓/↑ to select the channel you want to remove or move to a new position. If you know the channel number (frequency) Press the number buttons to enter the three-digit programme number of the broadcast you want. To display the previous or next five channels Press the red button (previous) or the green button (next). 2 Remove or change the order of the digital channels as follows: To remove the digital channel Press OK . A message that confirms whether the selected digital channel is to be deleted appears. Press ← to select "Yes", then press OK . To change the order of the digital channels Press → , then press ↓/↑ to select the new position for the channel and press OK . Repeat the procedure in step 2 to move other channels if required. 3 Press ← .

Tip

DV3 functions are available only for DVB countries (page 2)

Using the Menu

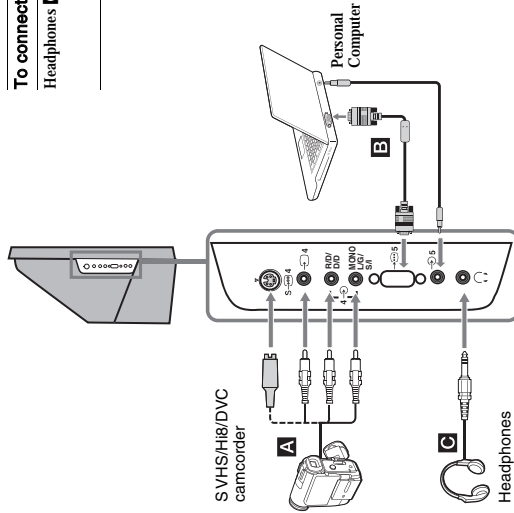
Option	Description
Digital Manual Tuning	Tunes the digital channels manually. 1 Press the number button to select the channel number you want to manually tune, then press ↓/↑ to tune the channel. 2 When the available channels are found, press ↓/↑ to select the channel you want to store, then press OK . To display the previous or next five channels Press the red button (previous) or the green button (next). 3 Press ↓/↑ to select the programme number where you want to store the new channel, then press OK . Repeat the procedure above to tune other channels manually.
Digital Set-up Subtitle Setting	Displays digital subtitles on the screen. Press ↓/↑ to select "Off", "Basic", or "For Hard of Hearing", then press OK . When "For hard of hearing" is selected, some visual aids may also be displayed with the subtitles (if TV channels broadcast such information).
Subtitle Language	Selects which language subtitles are displayed in. Press ↓/↑ to select the language, then press OK .
Audio Language	Selects the language used for a programme. Some digital channels may broadcast several audio languages for a programme. Press ↓/↑ to select the audio language, then press OK .
Audio Type	Increases the sound level (only for Hard of Hearing). Press ↓/↑ to select "Basic" or "For Hard of Hearing", then press OK .
Parental Lock	Sets an age restriction for programmes. Any programme that exceeds the age restriction can only be watched after a PIN Code is entered correctly. 1 Press the number buttons to enter your existing PIN code. If you have not previously set a PIN, a message appears to inform you. Press OK , then follow the instruction of "PIN code" below. 2 Press ↓/↑ to select the age restriction or "None" (for unrestricted watching), then press OK . 3 Press ← .

Using Optional Equipment

Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

Connecting to the side of the TV



To connect **Do this**
 Headphones **C** Connect to the **C** socket to listen to sound from the TV on headphones.

Option	Description
PIN Code	<p>Sets a PIN code for the first time, or to change your PIN code.</p> <ol style="list-style-type: none"> Enter a PIN as follows: If you have previously set a PIN Press the number buttons to enter your existing PIN. If you have not set a PIN: Press the number buttons to enter the factory setting PIN of 9999. Press the number buttons to enter the new PIN code. When requested, press the number buttons to enter the new PIN again for confirmation. A message appears to inform you that the new PIN has been accepted. Press ←. <p>Tip PIN code 9999 is always accepted.</p>
Technical Set-up	<p>Displays the Technical Set-up menu. Do the following options.</p> <ol style="list-style-type: none"> Press ↕ to select the desired option, then press OK. Auto Service Update: Enables the TV to detect and store new digital services as they become available. Software download: Enables the TV to automatically receive software updates, free through your existing aerial (when issued). Sony recommends that this option is set to "On" at all times. If you do not want your software to be updated, set this option to "Off". System Information: Displays the current software version and the signal level. Instead of step 2, Press ←. Press ↕ to select the "On", then press OK.
CA Module Set-up	<p>This option will allow you to access a Pay Per View service once you obtain a Conditional Access Module (CAM) and a view card. See page 36 for the location of the (PCM/CA) socket.</p>

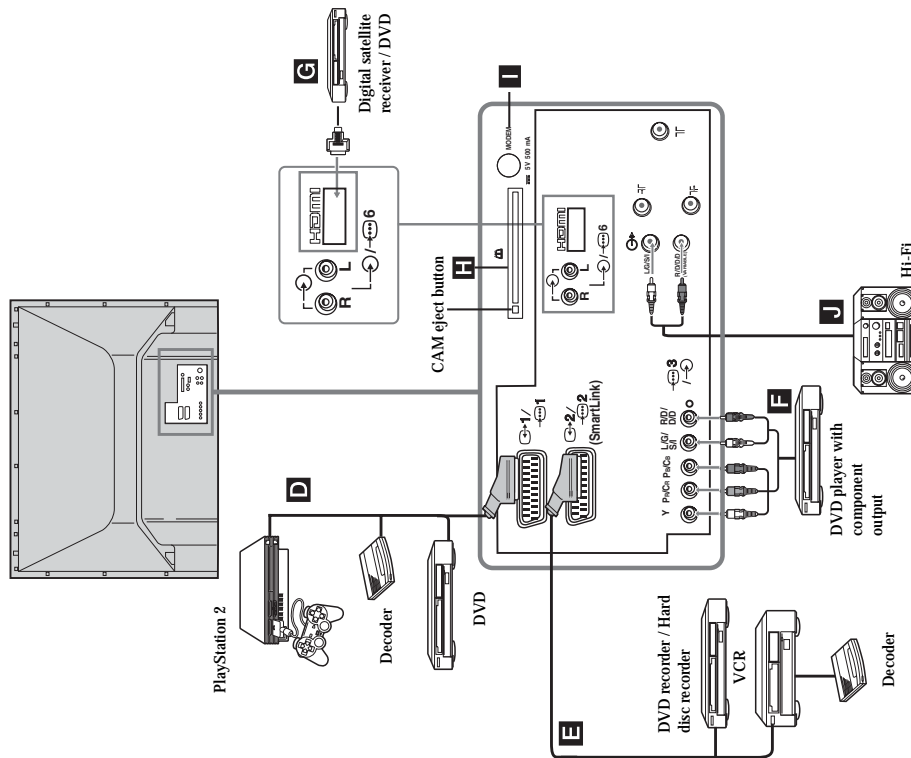
To connect **Do this**
 SVHS/Hi 8/DVC camcorder **A** Connect to the S video socket **s**→**4** or the video socket **→4**, and the audio sockets **→4**. To avoid picture noise, do not connect the camcorder to the video socket **→4** and the S video socket **s**→**4** at the same time. If you connect mono equipment, connect to the L/G/S/I sockets **→4**, and set "Dial Sound" to "A" (page 24).

Personal Computer **B** Connect to the PC Input socket **→5** and the audio socket **→5**.
 Note:
 It is recommended to use a PC cable with ferrites.

Using Optional Equipment

Continued

Connecting to the rear of the TV



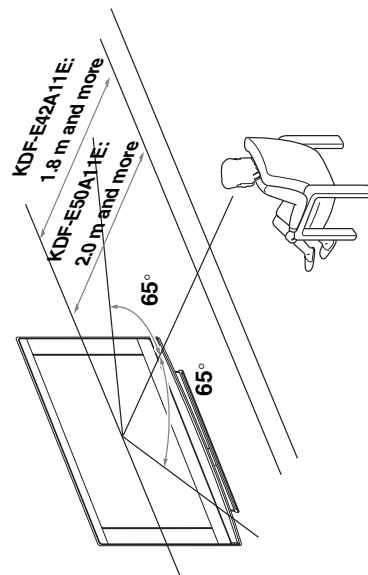
To connect	Do this
"PlayStation 2", DVD player or decoder D	Connect to the scart socket → →1. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder.
DVD recorder or VCR that supports SmartLink E	Connect to the scart socket → →2. SmartLink is a direct link between the TV and a VCR/DVD recorder. For more information on SmartLink, refer to the instruction manual supplied with your VCR or DVD recorder.
DVD player with component output F	Connect to the component socket →3 and the audio sockets →3. The component signal containing 576p signal format and audio signal are input from the DVD player.
Digital satellite receiver G	Connect only to the HDMI IN 6 socket. The digital video and audio signals are input from the digital satellite receiver. If the digital satellite receiver has a DVI socket and not an HDMI socket, connect the DVI socket to the HDMI IN 6 socket, and connect the audio signals to the audio sockets. HDMI IN 6: The digital video and analog audio signals are input from the digital satellite receiver.
CAM (Conditional Access Module) H For encrypted PPV (Pay per View) services.	Remove the dummy card from the CAM slot and insert the CAM. Insert the viewing card into the CAM.
Notes:	Switch off the TV before inserting the CAM. Keep always the dummy card into the CAM slot when you remove the CAM.
Modem connector I	For future use only.
Hi-Fi audio equipment J	Connect to the audio output sockets → to listen to the sound from the TV on Hi-Fi audio equipment. To turn off the sound of the TV speakers, set "Speaker" to "Off" (page 26).

Additional Information

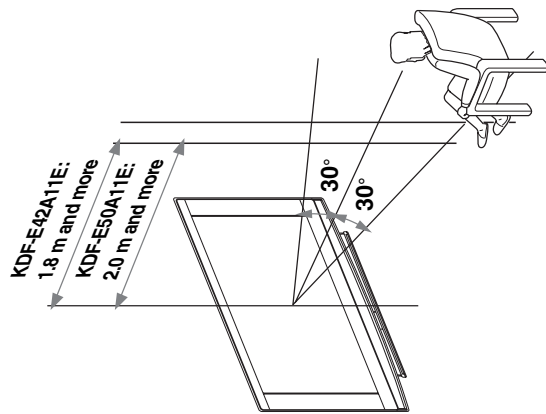
Optimum Viewing Area

For the best picture quality, try to position the TV set so that you can view the screen from within the areas shown below.


Horizontal viewing area



Vertical viewing area




Replacing the lamp

When the lamp becomes dark or the picture colour is not normal or the lamp indicator  on the TV set flashes, replace with a new lamp.

Tips

- Only use the lamp XL-2400 for replacement. If you use another lamp, it may cause damage to the TV set.
- Do not remove the lamp except when replacing it.
- Before replacing the lamp, turn off the power and disconnect the power cord.
- Replace the lamp only after it becomes cool. The front glass of the lamp remains at least 100 °C (212 °F) even after the power has been turned off for 30 minutes.
- Do not place the old lamp in proximity to children or flammable material.
- Do not get the old lamp wet, or insert objects inside the lamp. It may cause the lamp to explode.
- Do not place the old lamp near easily flammable objects, as this may cause fire. Also, do not put your hand inside the lamp compartment, as you may be burned.
- Attach the new lamp securely. If it is not securely attached, the picture may become dark.
- Do not touch or stain the front glass of the new lamp or the glass of the lamp compartment. If the glass become dirty, the picture quality may deteriorate or the lamp life may shorten.
- Attach the lamp cover firmly. If it is not firmly attached, the power will not turn on.
- When the lamp burns out, a noise is audible. This does not indicate damage to the TV set.
- Consult your nearest Sony service center to obtain a new lamp.
- Always remember to dispose of used lamps in an environmentally friendly way.

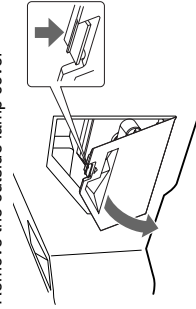
- 1 Turn off the power and disconnect the power cord.
If you start changing the lamp without disconnecting the power cord, the standby indicator  on the TV set flashes.
Disconnect the power cord to continue changing the lamp.
- 2 Replace the lamp 30 minutes or more after the power is turned off to allow it to cool.
- 3 Take the new lamp out of the box.
Do not touch the glass portion of the new lamp.

Tips

- Do not shake the lamp. Vibration can damage the lamp or shorten its life.
- Avoid touching the front glass of a new lamp or the glass of the lamp receptacle. This may reduce picture quality or lamp life.

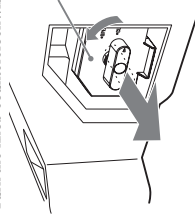
Additional Information

- 4 Remove the outside lamp cover



- 5 Remove the lamp door.

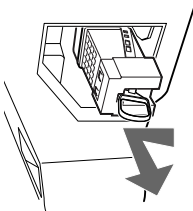
Turn the knob counterclockwise to OPEN and pull out the cover.



Additional Information

6 Pull out the lamp.

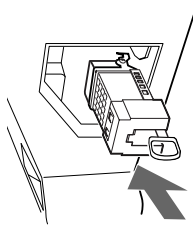
Hook a finger through the loop of the lamp handle and pull the handle upwards. Then pull the lamp straight out..

**Tips**

The lamp is very hot immediately after use. Never touch the glass portion of the lamp or the surrounding parts.
After the used lamp has cooled, place it into the empty box of the replacement lamp. Never put the used lamp into a plastic bag.

7 Put the new lamp into its place.

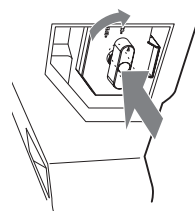
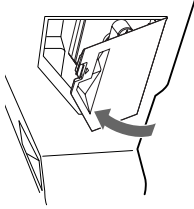
Mount the new lamp securely. Failure to do so may cause a fire or the screen to go dark.

**Tip**

If the lamp is not securely reattached, the self-diagnostic function may be triggered and the POWER/STANDBY indicator flashes three times (see page 9).

8 Reattach the lamp door.

Turn the knob back to CLOSE and secure the cover.

**9** Put the outside lamp cover back in its place.**Tips**

Consult your Sony dealer for a Sony XL-2400 replacement lamp.
Take great care when replacing the lamp or plugging in/unplugging the connecting cords. Rough handling may cause the TV to fall, damaging the TV, the TV stand and the floor.

Additional Information

Specifications

Display Unit

Power Requirements:
220-240 V AC, 50 Hz

Screen Size:
KDF-E50A11E: 50 inches
KDF-E42A11E: 42 inches

Display Resolution (horizontal x vertical):
1280 dots x 720 lines

Power Consumption:
175 W

Standby Power Consumption:
0.8 W

Dimensions (w x h x d):
KDF-E50A11E:
Approx. 825 x 1180 x 395 mm

KDF-E42A11E:
Approx. 720 x 1000 x 350 mm

Weight:
KDF-E50A11E:
Approx. 29.6 kg

KDF-E42A11E:
Approx. 25.1 kg

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection:
B/G/H, D/K, L, I.

Digital: DVB-T.

Colour/Video System

Analogue: PAL, SECAM.

Digital: NTSC 3.58, 4.43 (only Video In)

Aerial: MPEG-2 MP@ML

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2-E12

UHF: E21-F69

CATV: S1-S20

HYPER: S21-S41

D/K: R1-R12, R21-R69

L: F2-F10, B-Q, F21-F69

E: UHF E21-B69

Digital: VHF/UHF

Optional Accessories

TV stand SU-RG11S (KDF-E42A11E)
TV stand SU-RG11M (KDF-E50A11E)
Lamp: XL-2400

Design and specifications are subject to change without notice.

PC Input Specifications

PC Input Timing

Input signal frequency:

Horizontal: 31.4 - 48.4 KHz.

Vertical: 59 - 61 Hz.

Maximum Resolution: 1024 dots x 768 lines.

Preset mode timing table for PC 

No	Resolution (dots x lines)	Graphic mode	Horizontal frequency (kHz)	Vertical frequency (Hz)
1	640 x 480	VESA 60	31.469	59.940
2	800 x 600	VESA 60	37.879	60.317
3	1024 x 768	VESA 60	48.363	60.004

This TV does not support Sync on Green or Composite Sync.

If a signal other than in the above chart is input, it may not be displayed properly or may not be displayed as you set. Using the Vertical frequency (Hz) of the personal computer at 60 is recommended.

Terminals

AV1:  

21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.

AV2:   (SMARTLINK)

21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface

AV3: 

Y: 1 Vp-p, 75 ohms, 0.3V negative sync



P: 0.7 Vp-p, 75 ohms

Pr: 0.7 Vp-p, 75 ohms

 3 Audio input (phono jacks)

500 mVrms

Impedance: 47 kilo ohms

AV4:   4S video input (4-pin mini DIN)

 4 Video input (phono jack)

 4 Audio input (phono jacks)

AV5: 

PC Input (1.5 Dsub) (see page 36)


G: 0.7 Vp-p, 75 ohms, non Sync on Green


B: 0.7 Vp-p, 75 ohms, non Sync on Green

R: 0.7 Vp-p, 75 ohms, non Sync on Green

HD: 1-5 Vp-p

VD: 1-5 Vp-p

 PC audio input: minijack

 Audio output (Left/Right) (phono jacks)


AV6: 

HDMI: Video: 480i, 576i, 480p, 576p, 720p, 1080i

Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits.

AUDIO: 500 mVrms (100% modulation)

Impedance: 47 kilo ohms

 Headphones jack

 CAM (Conditional Access Module) slot

MODEM

Modem jack (Not supported on this TV)

Sound Output

10 W -10 W (RMS)

Supplied Accessories


Remote RM-ED002 (1)

Size AA batteries (R6 type) (2)

Coaxial cable (1)



Additional Information

Troubleshooting

Check whether the  (standby) indicator is flashing in red.

When it is flashing





The self-diagnosis function is activated.

- 1 Measure how long the  (standby) indicator flashes and stops flashing. For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.
- 2 Press  on the TV (Front side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).







When it is not flashing

- 1 Check the items in the tables below.
- 2 If the problem still persists, have your TV serviced by qualified service personnel.

Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	<p>Check the aerial connection. Connect the TV to the mains, and press  on the TV (front side). If the  (standby) indicator lights up in red, press TV .</p>
No picture or no menu information from equipment connected to the scart connector	<p>Check that the optional equipment is on and press  repeatedly until the correct input symbol is displayed on the screen. Check the connection between the optional equipment and the TV.</p>
Distorted picture	<p>When installing optional equipment, leave some space between the optional equipment and the TV. When changing programmes or selecting Text, turn off any equipment connected to the scart connector on the rear of the TV.</p>
Double images or ghosting	<p>Check aerial/cable connections. Check the aerial location and direction.</p>
Only snow and noise appear on the screen	<p>Check if the aerial is broken or bent. Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).</p>
Picture (dotted lines or stripes) noise	<p>Keep the TV away from electrical noise sources such as cars, motorcycles, or hair-dryers. Make sure that the aerial is connected using the supplied coaxial cable. Keep the aerial cable away from other connecting cables. Do not use a 300-ohm twin lead cable as interference may occur.</p>
Picture noise when viewing a TV channel	<p>Select "Manual Programme Preset" in the "Set Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 39). Select "Noise Reduction" in the "Picture Adjustment" menu to reduce the noise in the picture (page 22).</p>
Stripe noise during playback/recording of a VCR	<p>Video head interference. Keep your VCR away from the TV. Leave a space of 30 cm between your VCR and the TV to avoid noise. Avoid installing your VCR in front of the TV or beside the TV.</p>
Some tiny black points and/or bright points on the screen	<p>The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.</p>

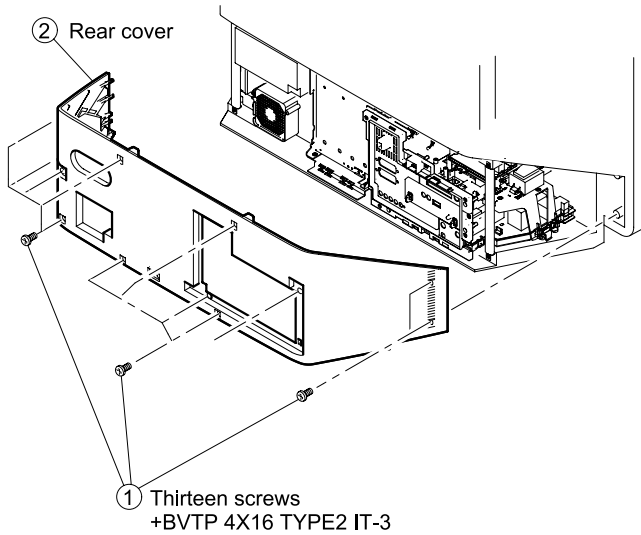
Additional Information

Problem	Cause/Remedy
No colour on programmes	<p>Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 22).</p>
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of 	<p>Check the connection of the Y, PB/CB, PR/CR jacks of 3. Make sure that the Y, PB/CB, PR/CR jacks of 3 are firmly seated in their respective sockets.</p>
Sound	
Problem	Cause/Remedy
No sound, but good picture	<p>Press  +/- or  (Mute). Check that "TV Speakers" is set to "on" in the "Features" menu (page 26).</p>
Noisy sound	<p>See the "Picture noise" causes/remedies on page 46.</p>
Channels	
Problem	Cause/Remedy
The desired channel cannot be selected	<p>Switch between digital and analogue mode and select the desired digital/analogue channel.</p>
Some channels are blank	<p>Scrambled/Subscription only channel. Subscribe to the Pay Per View service. Channel is used only for data (no picture or sound). Contact the broadcaster for transmission details.</p>
Digital channel is not displayed	<p>Check that the aerial is plugged directly into the TV (not through other equipment). Contact a local installer to find out if digital transmissions are provided in your area. Upgrade to a higher gain aerial.</p>
General	
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	<p>Check if the "Timer" is activated (page 28). If no signal is received or no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.</p>
The TV turns on automatically	<p>Check if the "Timer" is activated (page 28)</p>
Some input sources cannot be selected	<p>Select "AV Preset" in the "Set Up" menu and cancel "Skip" of the input source (page 31).</p>
The remote does not function	<p>Replace the batteries.</p>
The lamp indicator  on front of the TV set is lit.	<p>Turn the TV off. Turn the TV on again, if the lamp indicator is still lit then replace the internal lamp. For details refer to page 39 to 41.</p>

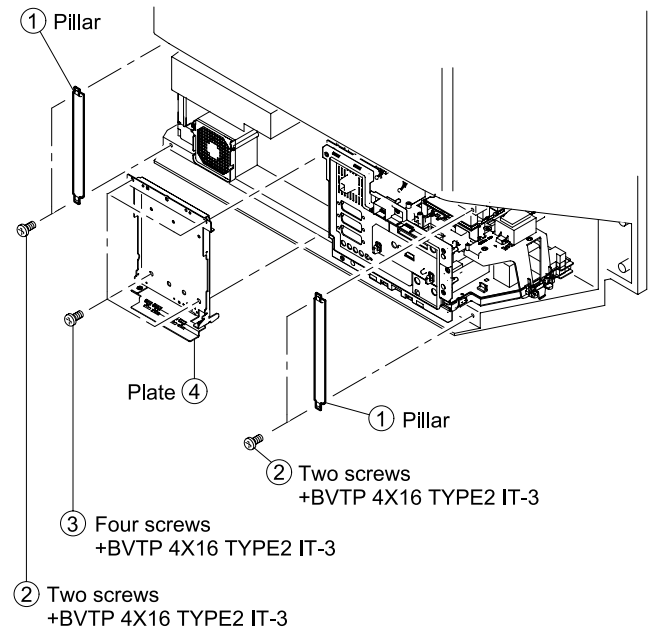
Continued

SECTION 3 DISASSEMBLY

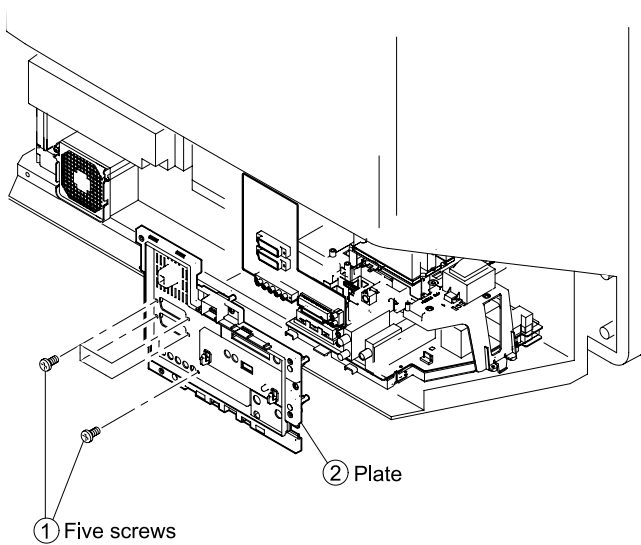
3-1. REAR COVER REMOVAL



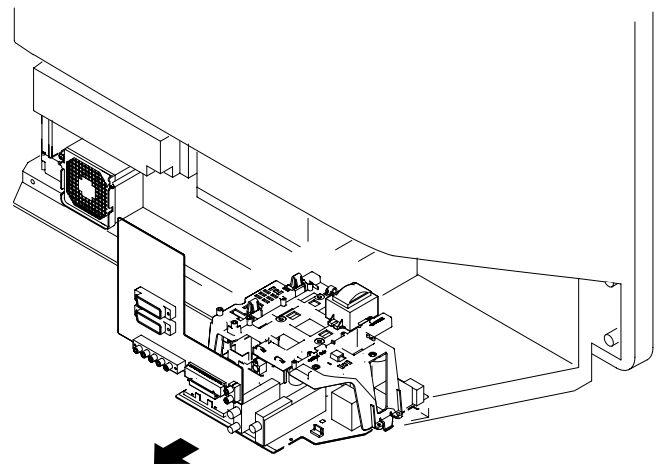
3-2. PILLAR REMOVAL



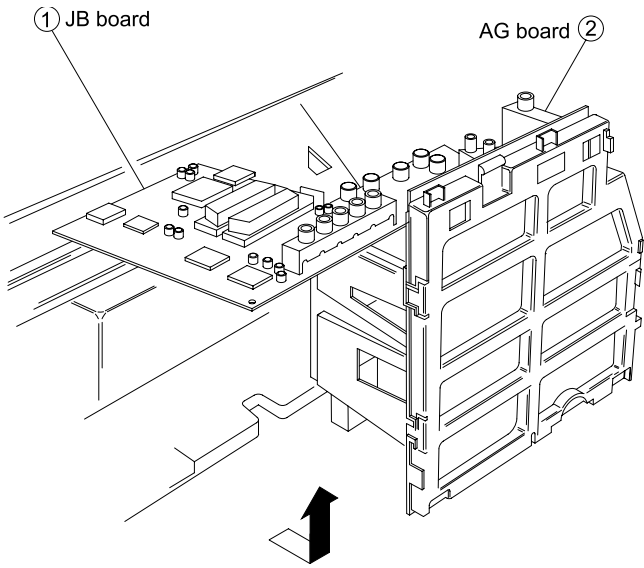
3-3. MAIN BRACKET COVER REMOVAL



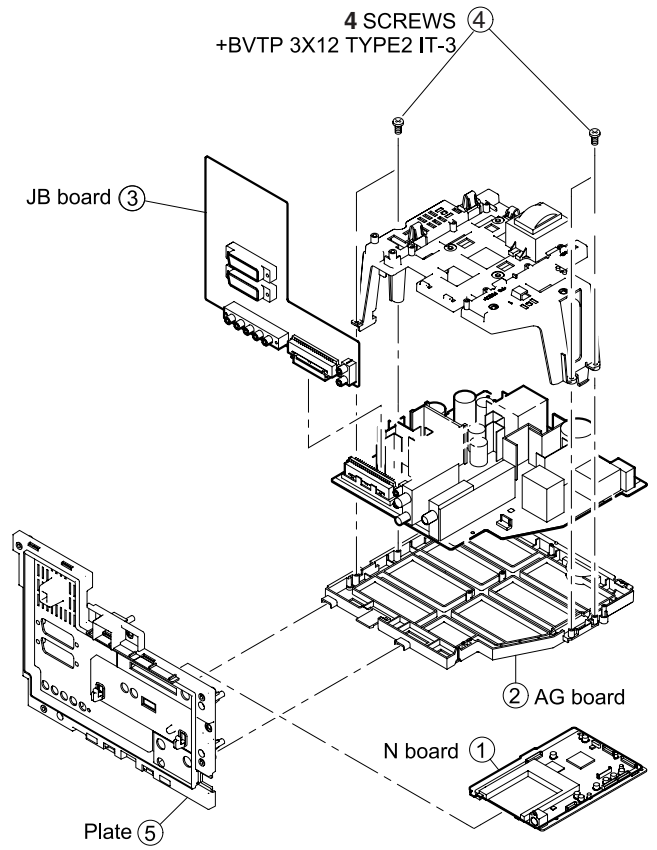
3-4. MAIN BRACKET REMOVAL



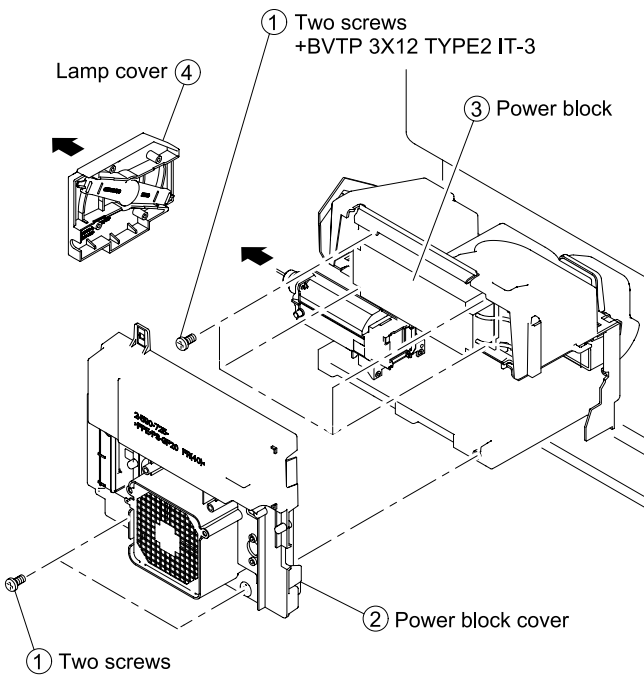
3-5. SERVICE POSITION



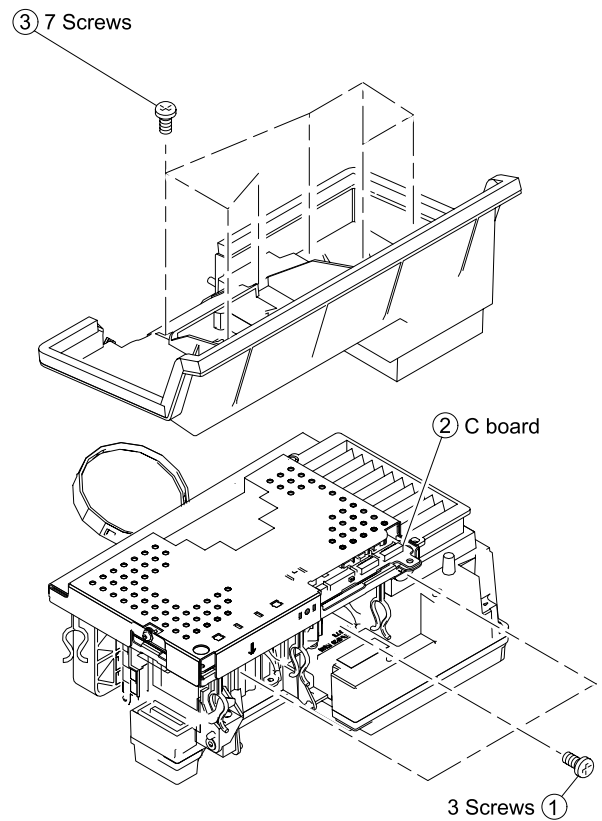
3-6. N, JB, AG BOARDS



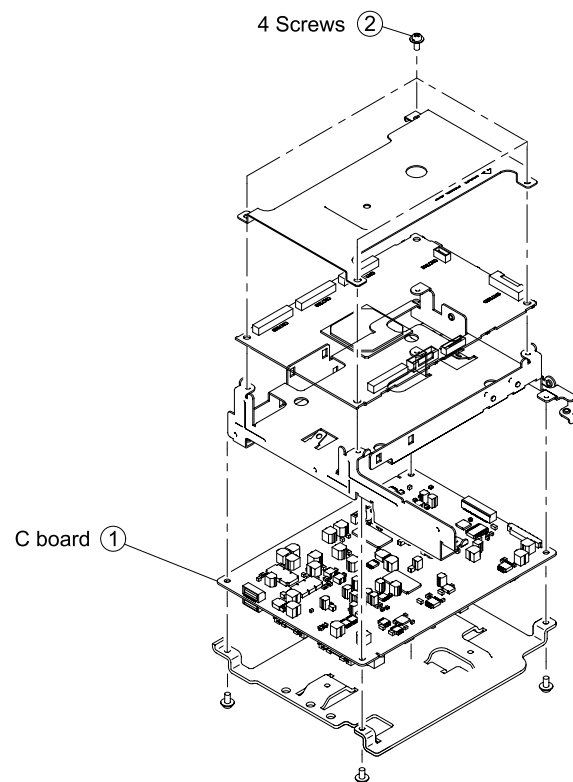
3-7. POWER BLOCK REMOVAL



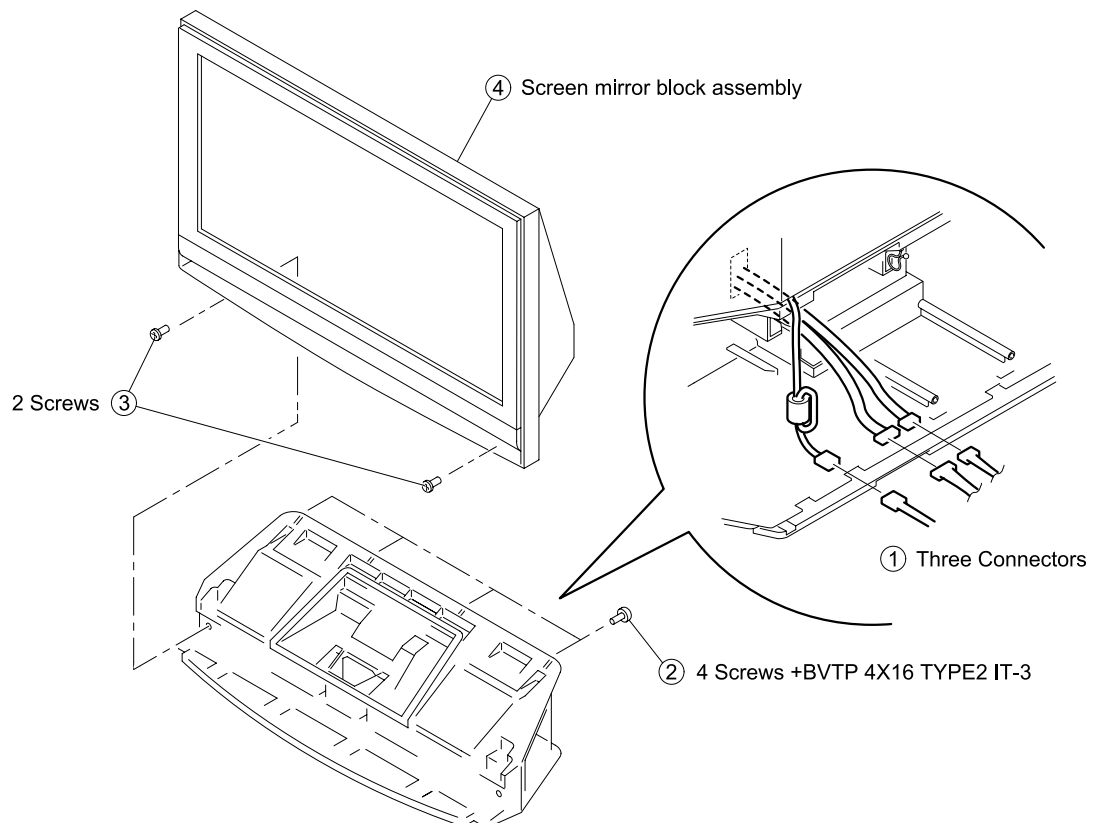
3-8. OPTICAL UNIT



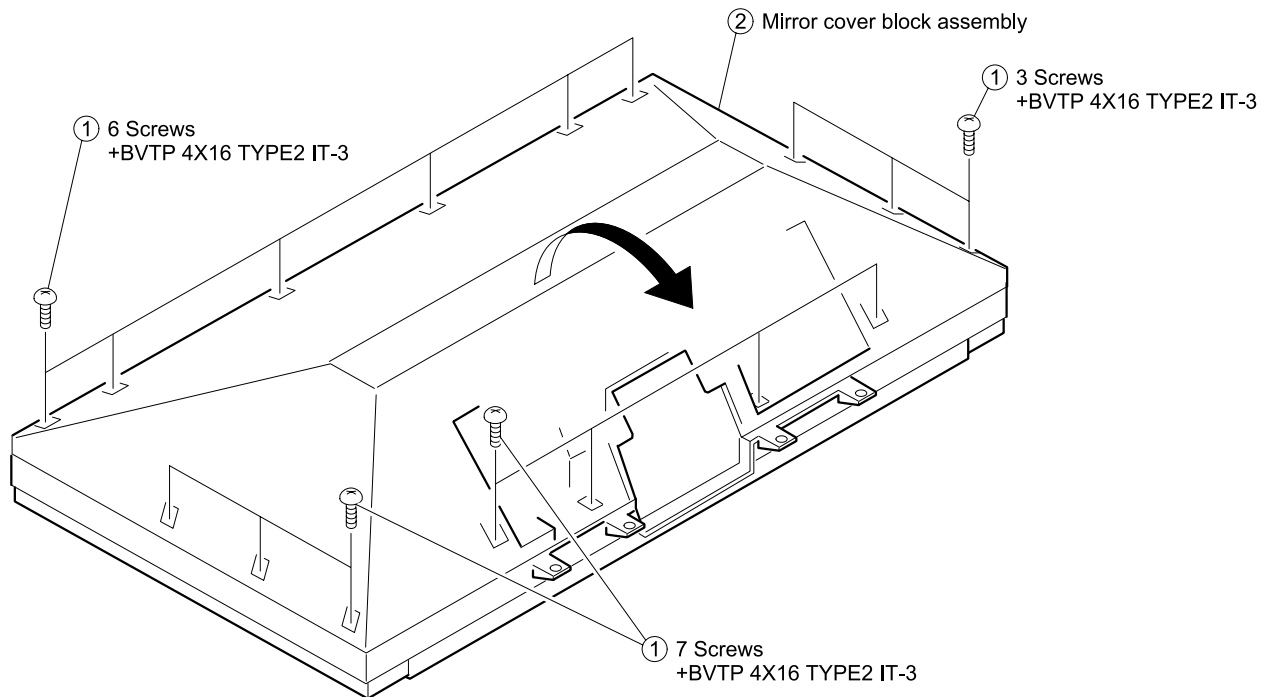
3-9. C BOARD REMOVAL



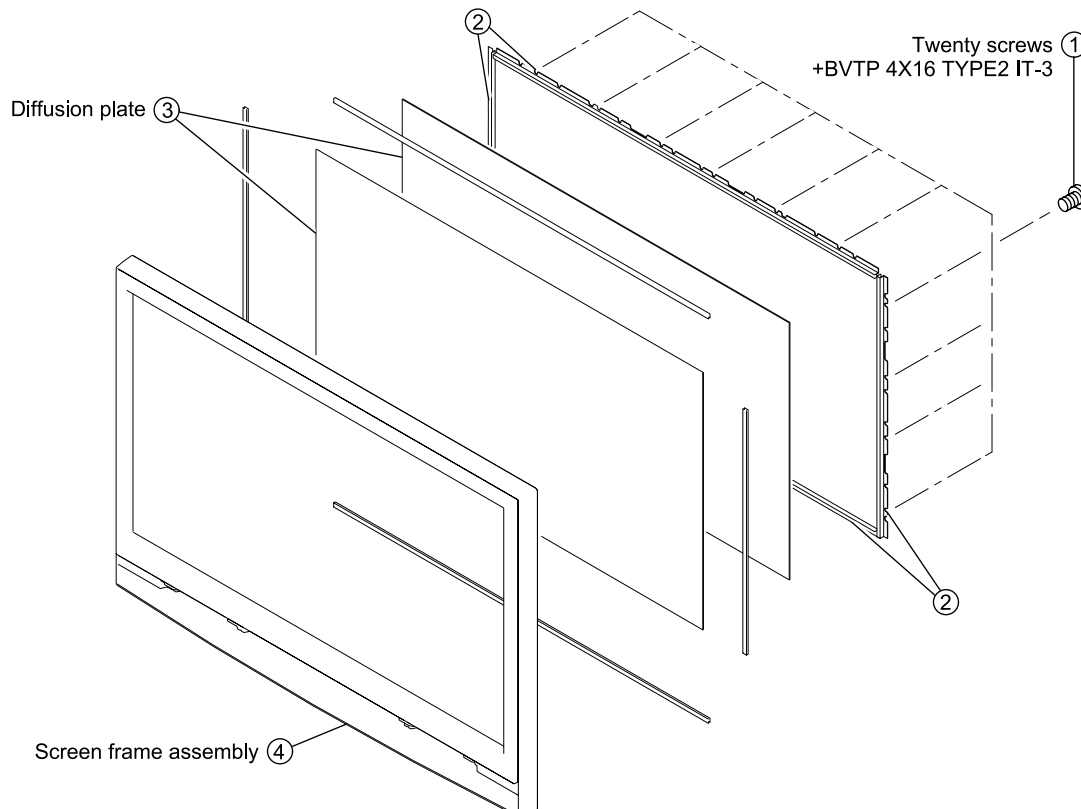
3-10. SCREEN, MIRROR BLOCK ASSEMBLY REMOVAL



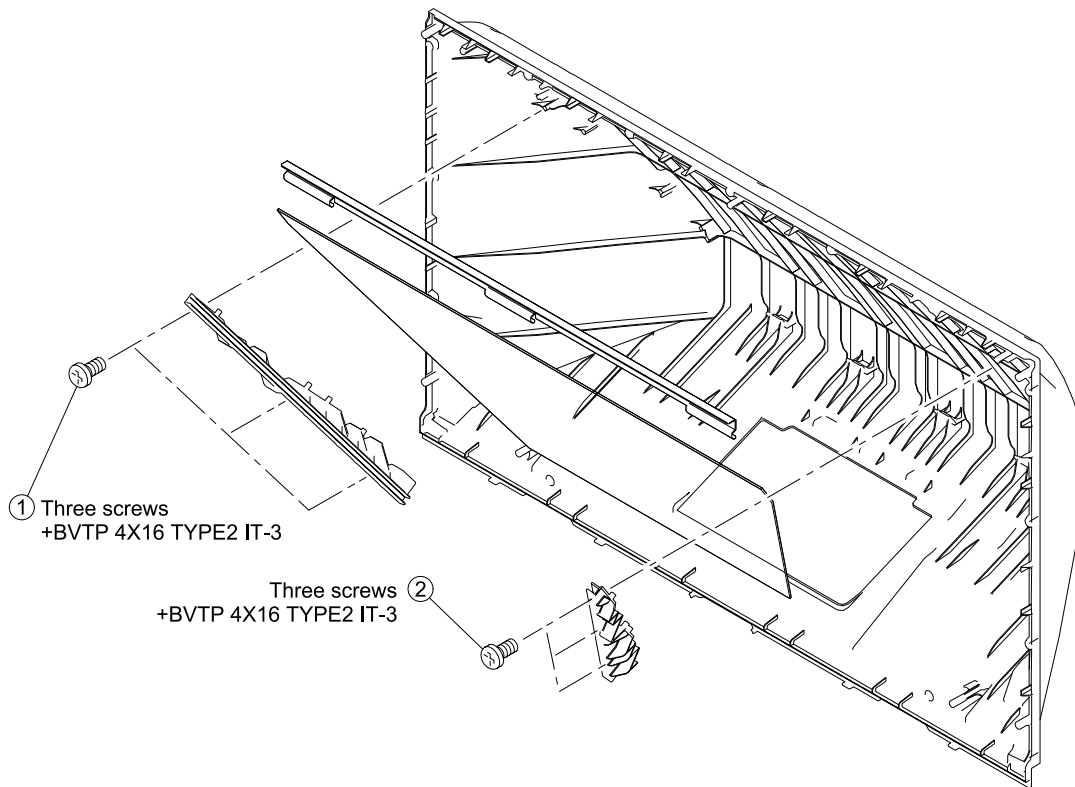
3-11. MIRROR COVER BLOCK ASSEMBLY REMOVAL



3-12. CONTRAST SCREEN, DIFFUSION PLATE REMOVAL

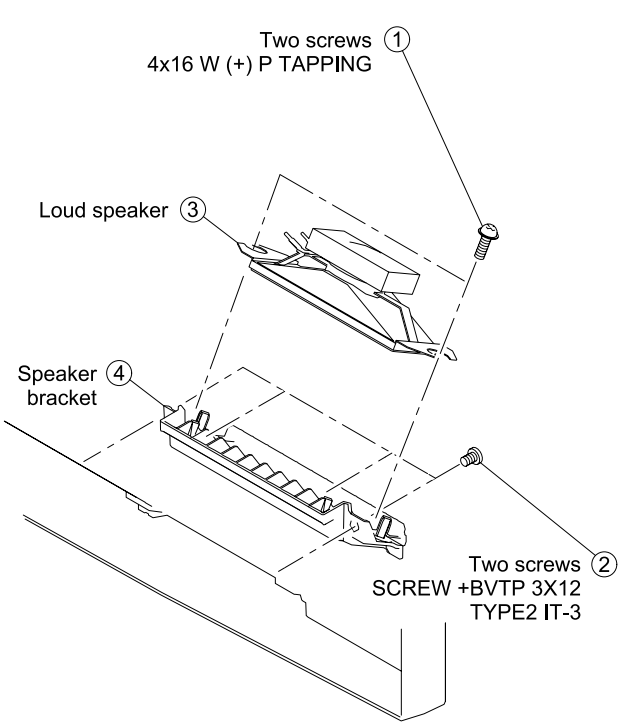
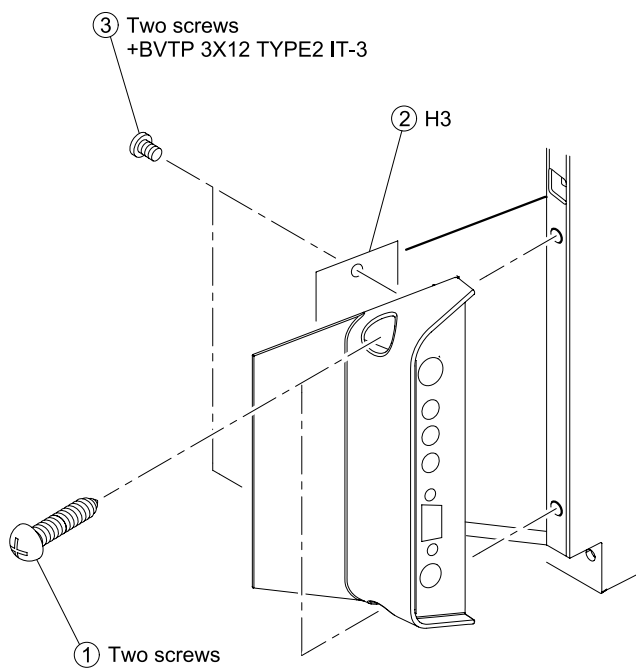


3-13. MIRROR REMOVAL



3-14. H3 REMOVAL

3-15. SPEAKER REMOVAL



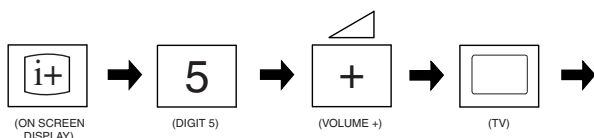
SECTION 4 SET-UP ADJUSTMENTS

4-1. Signal Adjustment

Service adjustments to this model can be performed using the supplied remote Commander RM-ED002.

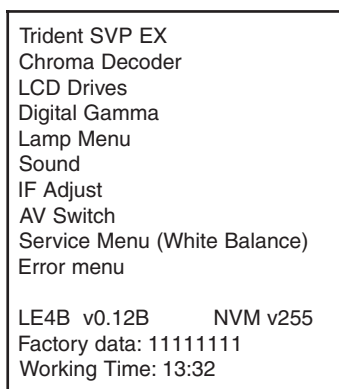
How to enter into the Service Mode

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



‘TT—’ will appear in the upper right corner of the screen. Other status information will also be displayed.

3. Press ‘MENU’ on the remote commander to obtain the following menu on the screen.



4. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the ‘Menu’ button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the ‘Service Menu’ switch the TV set OFF and then ON.

4-1-1. PAL auto adjustment (CVBS)

1. Select AV1 and input PAL signal. (PAL CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send “TT51” command.

4-1-2. PAL auto adjustment (RGB)

1. Select AV1 and input RGB signal. (PAL RGB: CB 100%Y/100%C from signal generator).
2. Set the TV in Service Mode (See above) and send “TT52” command.

4-1-3. SECAM auto adjustment (CVBS)

1. Select AV1 and input SECAM signal. (SECAM CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send “TT53” command.

Note :

- While Auto adjustment is in process the RED LED is ON, till it finishes.

4-2. White Balance Adjustment

4-2-1. White Balance adjustment (H/L)

1. Select AV0.
2. Change the TV to Custom Mode and set the following registers by sending “TT54”.

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Highlight registers:

NORMAL_PAL_RD (R Drive)
 NORMAL_PAL_BD (B Drive)

High light adjustment value (9300K-0MPCD)

4-2-2. White Balance adjustment (C/O)

1. Select AV0.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

NORMAL_PAL_RC (R cutoff)
 NORMAL_PAL_BC (B cutoff)

Low light (Cut Off) adjustment value (9300K-0MPCD)

4-2-3. SECAM White Balance adjustment (H/L)

1. Select AV0.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Drive registers:

SECAM_OFFSET_RD (R Drive)
 SECAM_OFFSET_BD (B Drive)

High light adjustment value (9300K-0MPCD)

4-2-4. SECAM White Balance adjustment (C/O)

1. Select AV0.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

SECAM_OFFSET_RC (R cutoff)

SECAM_OFFSET_BC (B cutoff)

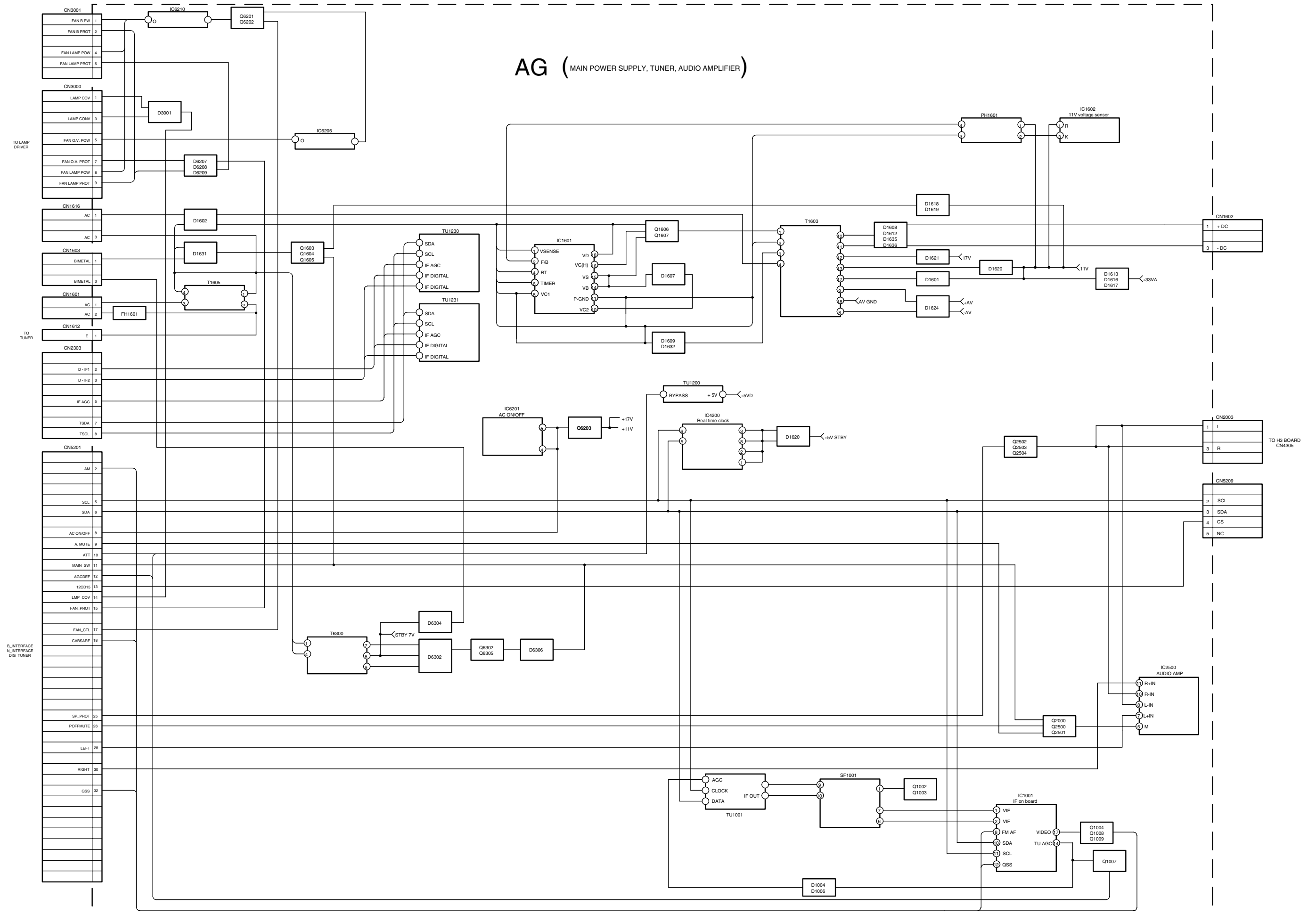
Low light (Cut Off) adjustment value (9300K-0MPCD)

4-3. TEST TEST MODE

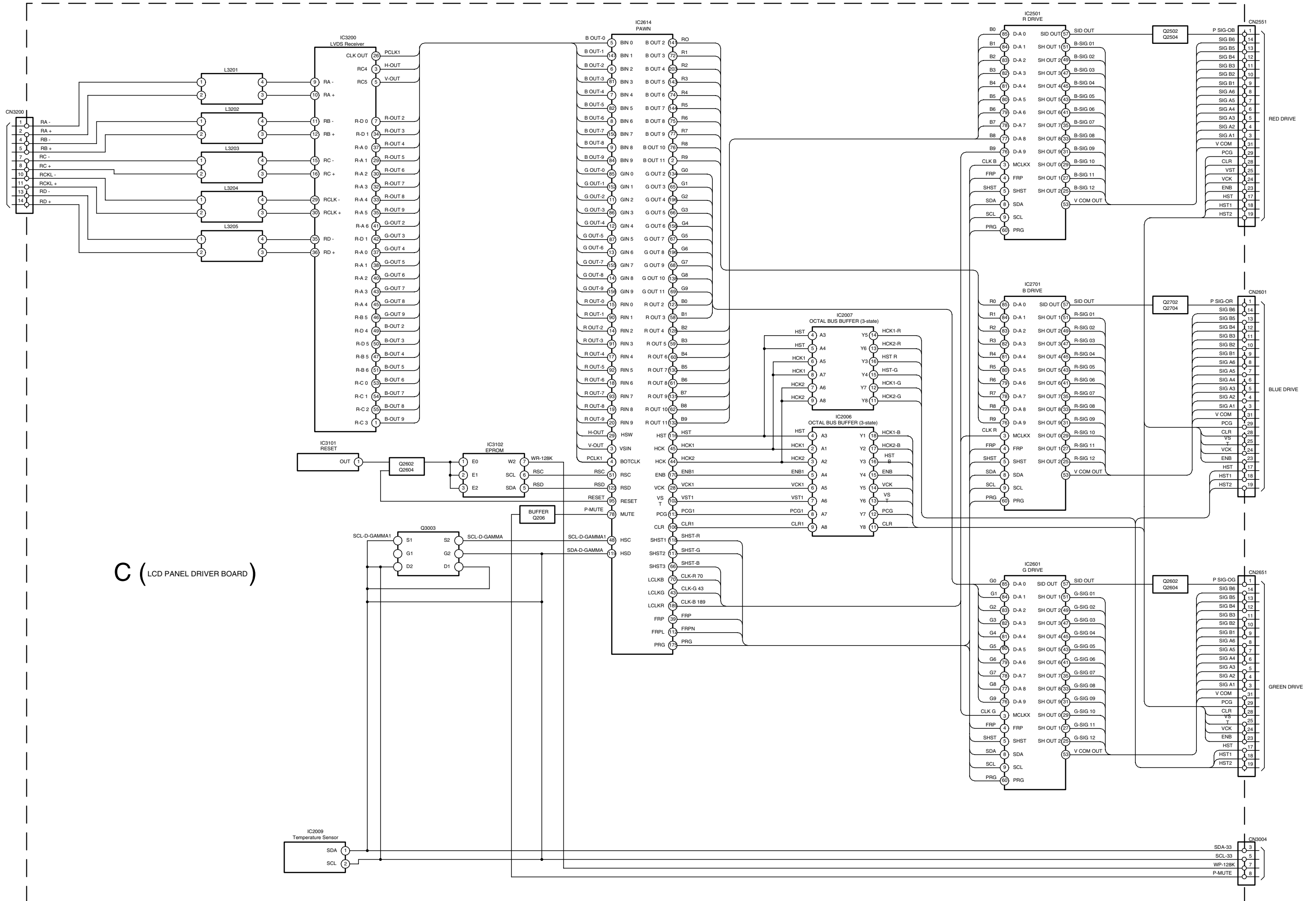
Test Test Mode is available in Service Mode, OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release 'Test Test mode', press 00 or switch the TV set into Stand-by mode.

00	'TT' mode off
01	Picture maximum
02	Picture minimum
03	Set Volume to 35%
04	Set Volume to 50%
05	Set Volume to 65%
06	Set Volume to 80%
07	Ageing mode
08	Shipping Condition
16	Picture level 50%
19	Factory Mode toggle (on/off)
24	U Destination
25	AEP Destination
27	CBA mode toggle (ON/OFF)
31	ECS mode toggle (ON/OFF)
32	Set BCN channels preset
33	FILMODE toggle (ON/OFF)
34	Set INY channels preset
41	Re-initialise NVM
43	Select Dual Sound A
44	Select Dual Sound B
45	Select Dual Sound Mono
46	Select Dual Sound Stereo
48	Set NVM as non-virgin
49	Set NVM as virgin
51	PAL Auto adjustment
52	RGB Auto adjustment
53	SECAM Auto adjustment
54	WB Init conditions
55	Watchdog toggle
56	Reset all channel attenuations
62	Toggle Digital mode flag
63	AM from baseband (AFRIC)
64	set 40" settings
67	MSP Auto Carrier Mute function enable/disable
71	Set 19" settings
72	Set 23" settings
73	Set 26" settings
74	Set 32" settings
75	Balance to center position
76	Volume maximum
77	Volume minimum
78	Balance full left
79	Balance full right
81	Digital BER display
82	Digital Service menu
83	Digital colour bar output from DENC
84	TS CI path through
85	Digital tuner power down
86	Switch between two digital SW banks
87	Local keys test
88	Digital shipping conditions
89	LED test
93	I2S / analogue audio used for Digital sound
96	Digital Debug output: Enable / Disable
97	Digital 656 output Enable / Disable
98	Digital Auto Reset function Enable / Disable
99	Display Error and Working Time menu

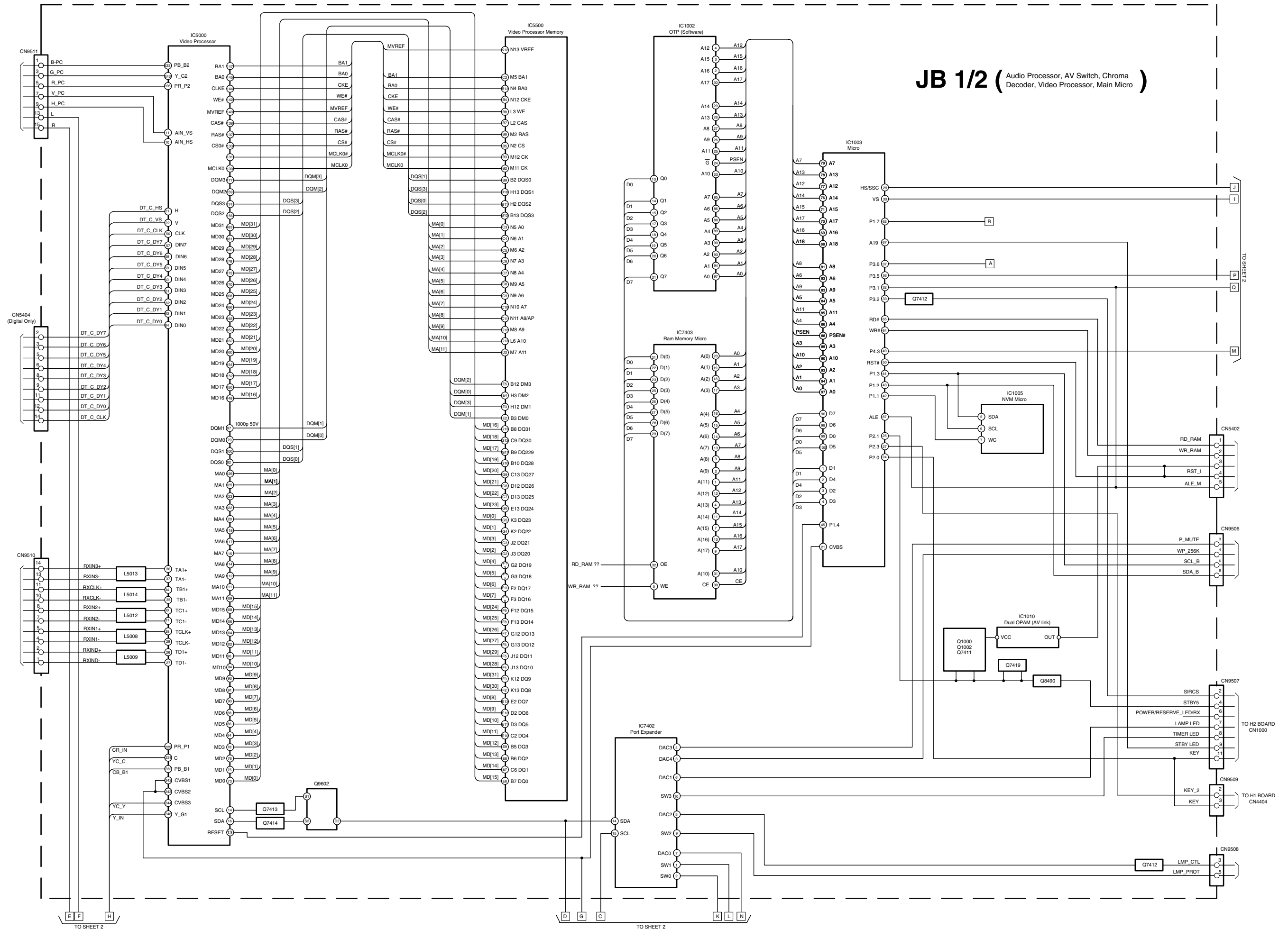
5-1. BLOCK DIAGRAMS (1)



5-1. BLOCK DIAGRAMS (2)

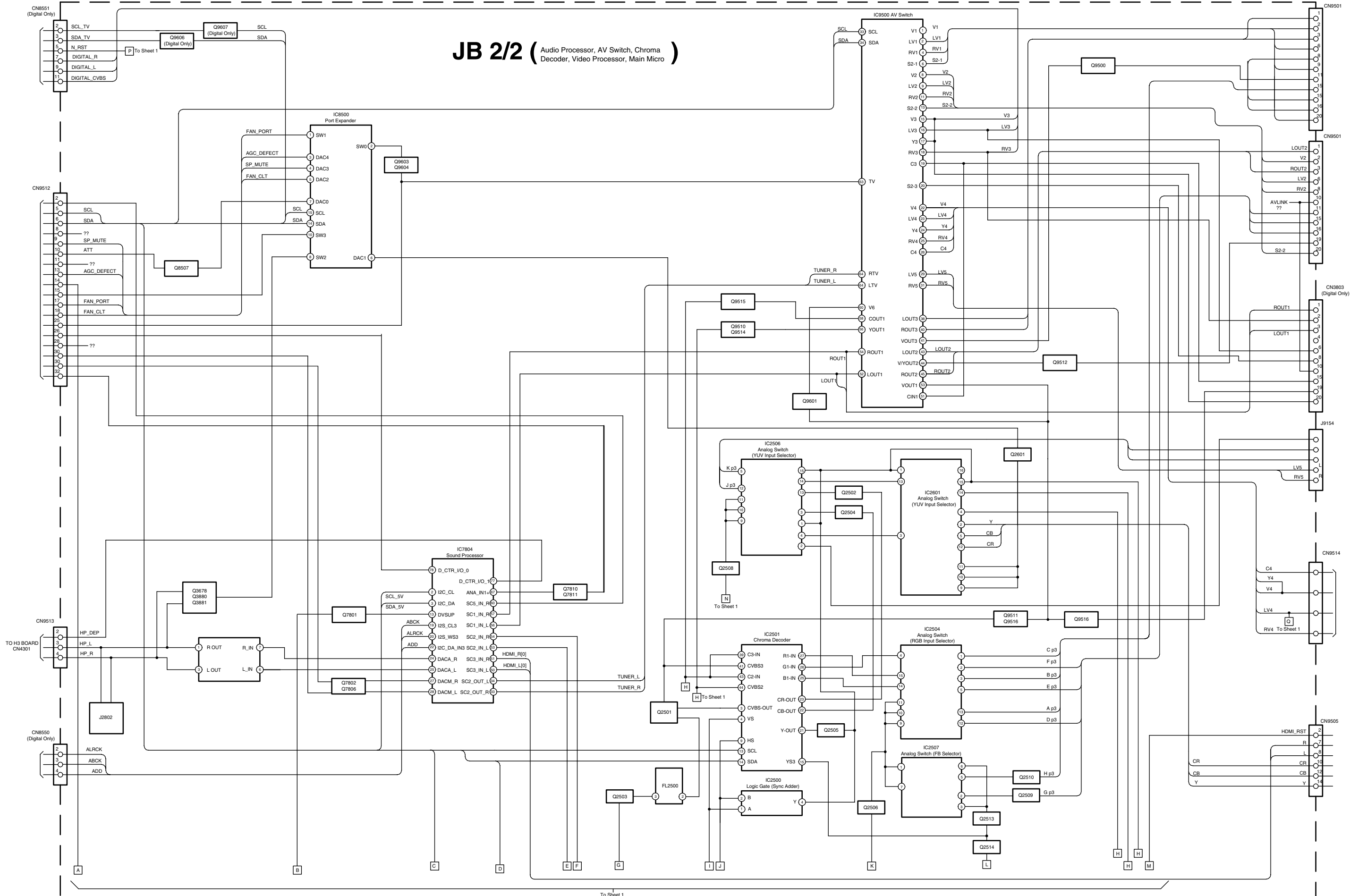


5-1. BLOCK DIAGRAMS (3)

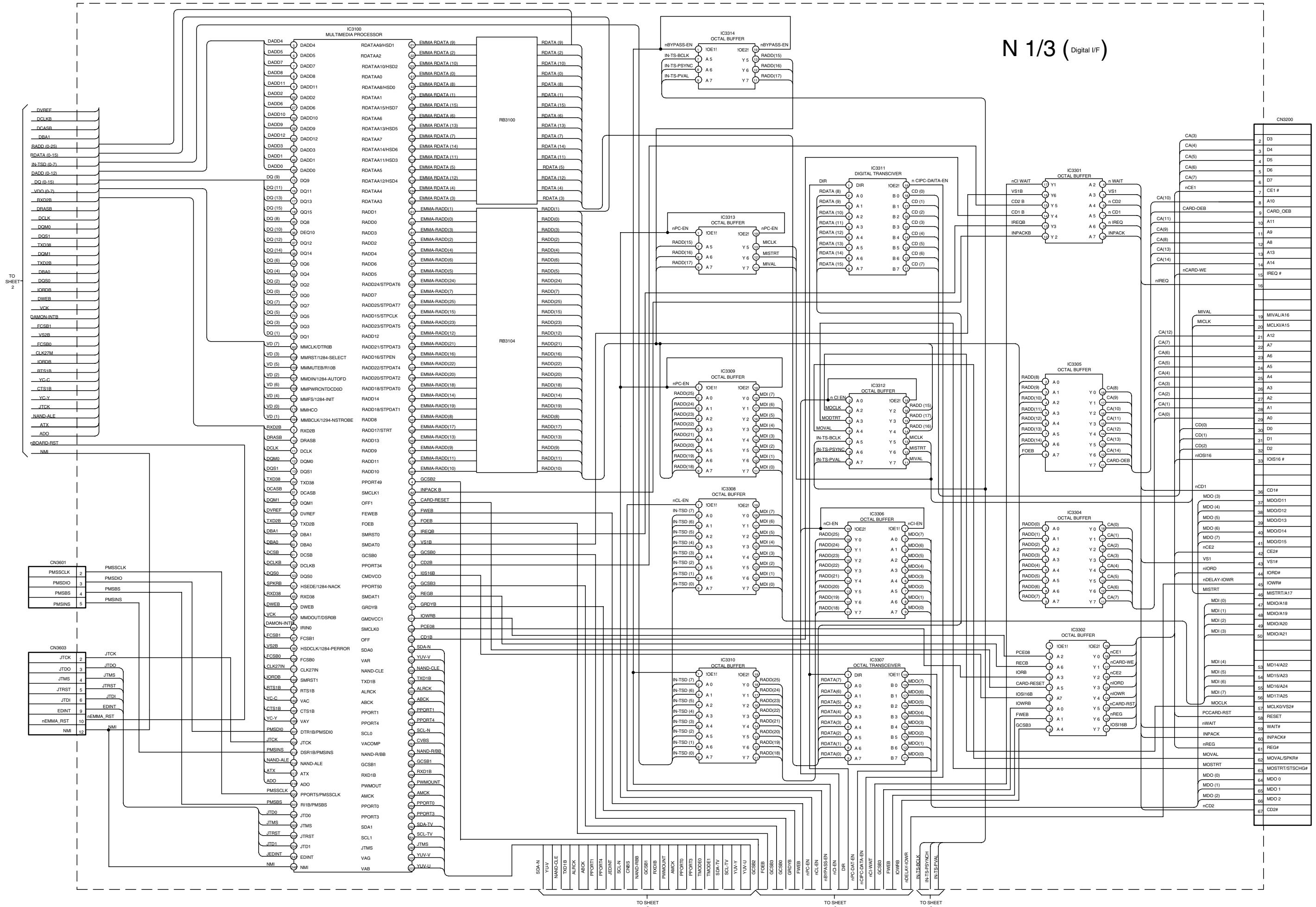


5-1. BLOCK DIAGRAMS (4)

JB 2/2 (Audio Processor, AV Switch, Chroma Decoder, Video Processor, Main Micro)

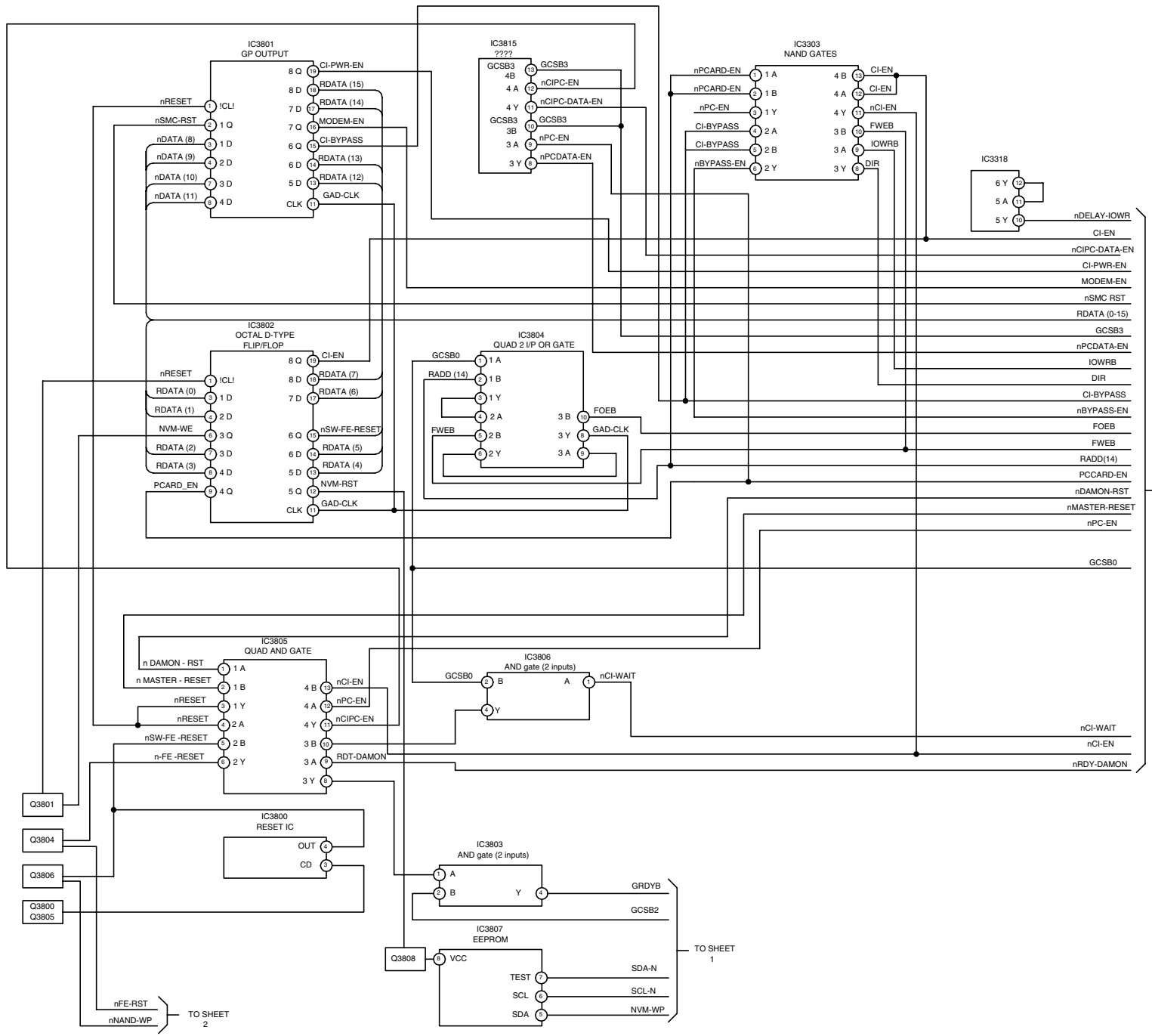


5-1. BLOCK DIAGRAMS (5)

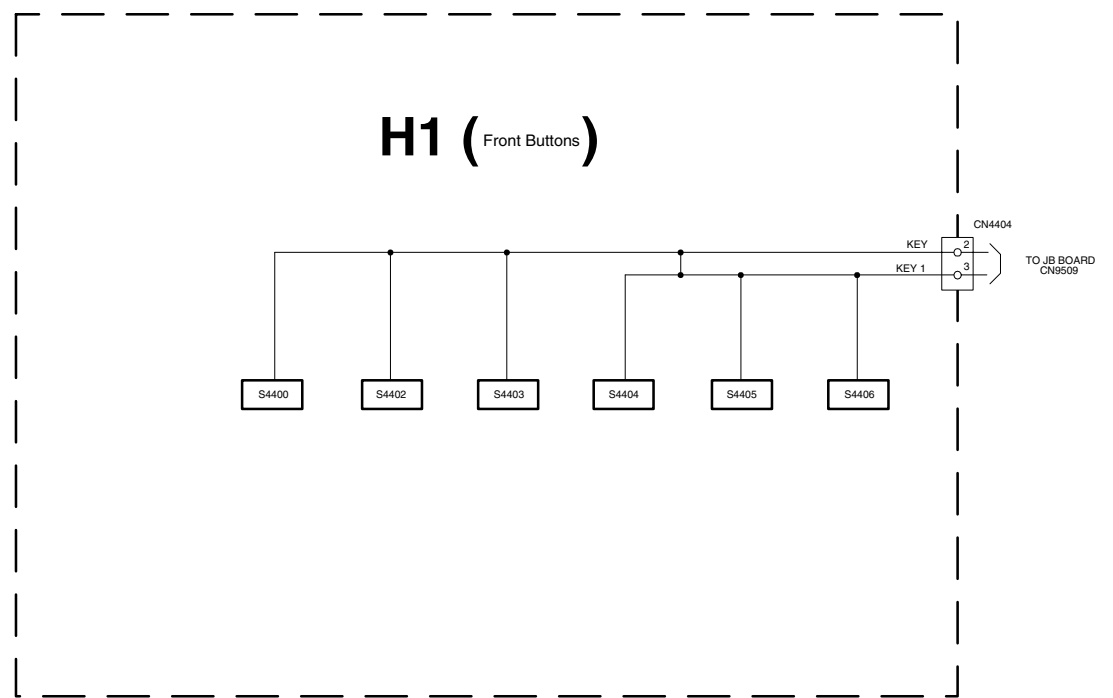


5-1. BLOCK DIAGRAMS (7)

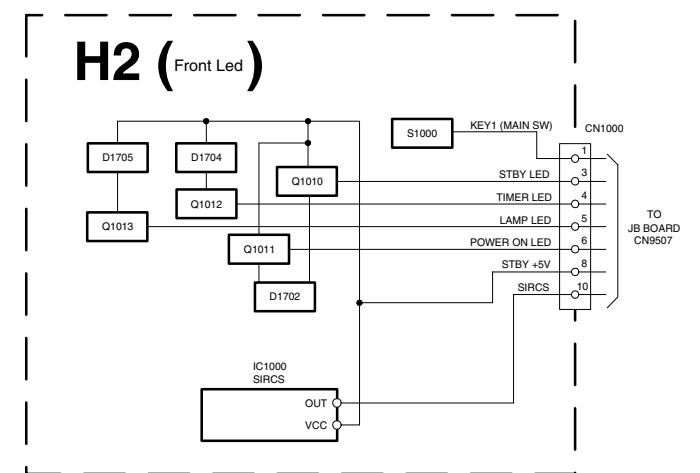
N 3/3 (Digital I/F)



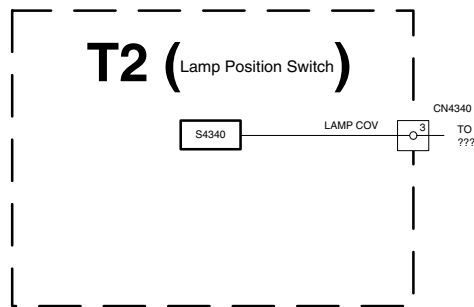
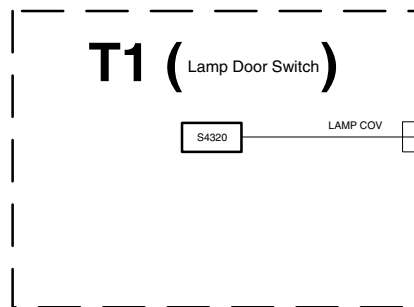
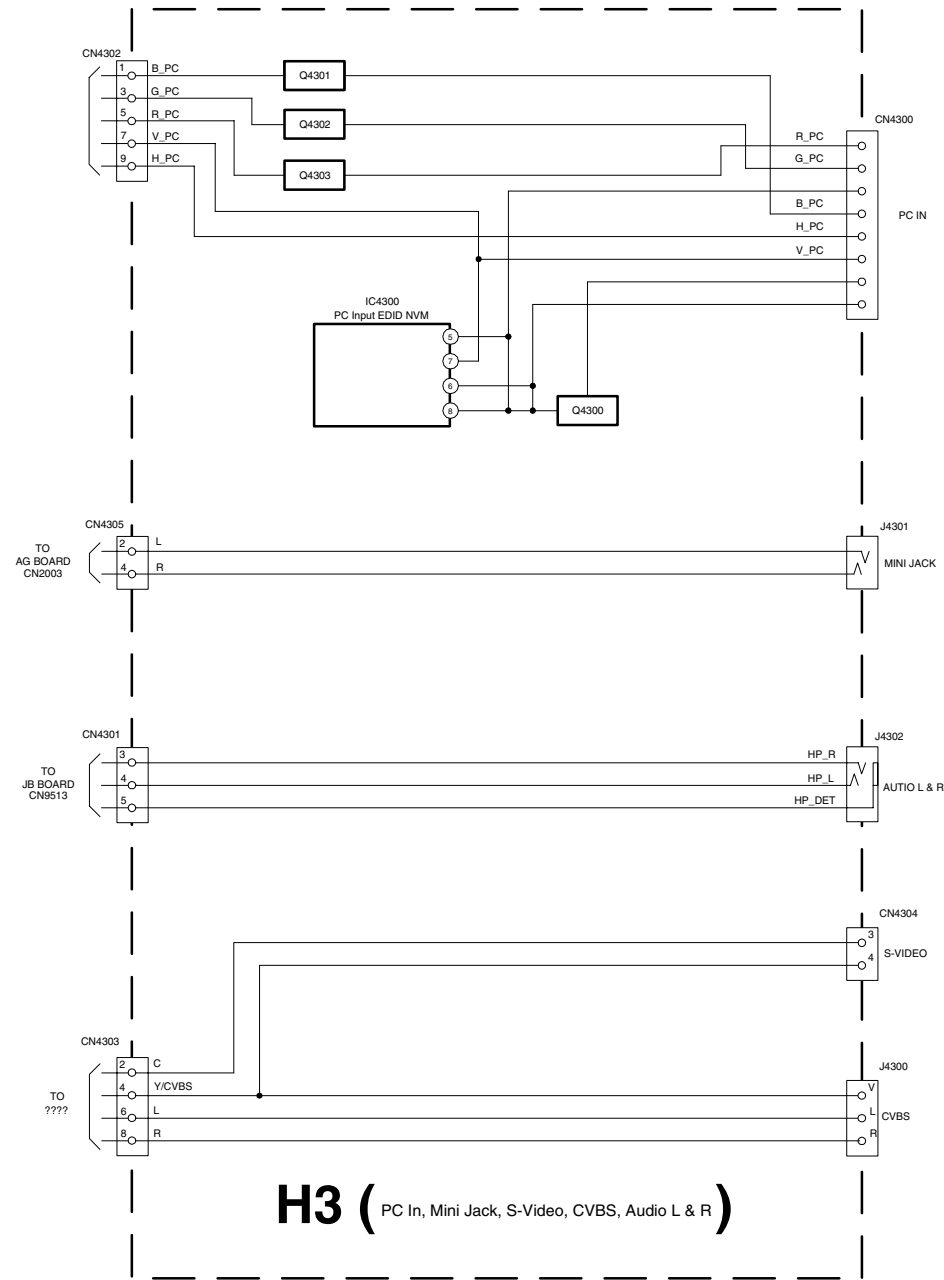
H1 (Front Buttons)



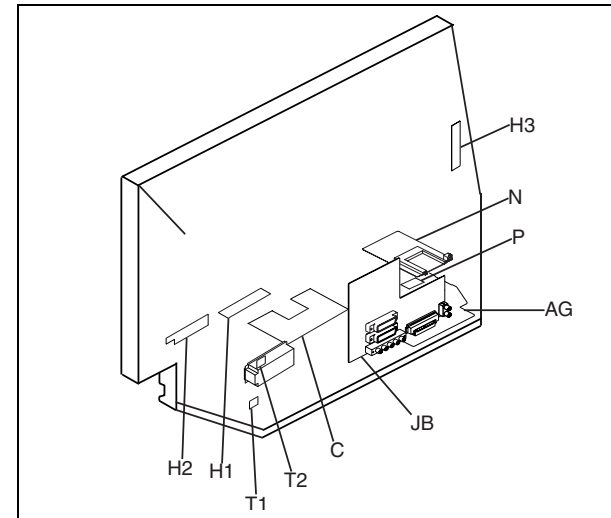
H2 (Front Led)



5-1. BLOCK DIAGRAMS (8)



5-2. CIRCUIT BOARD LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in μF unless otherwise noted.
- pF : μF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
k = 1000 ohms, M = 1000,000 ohms

- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.

- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

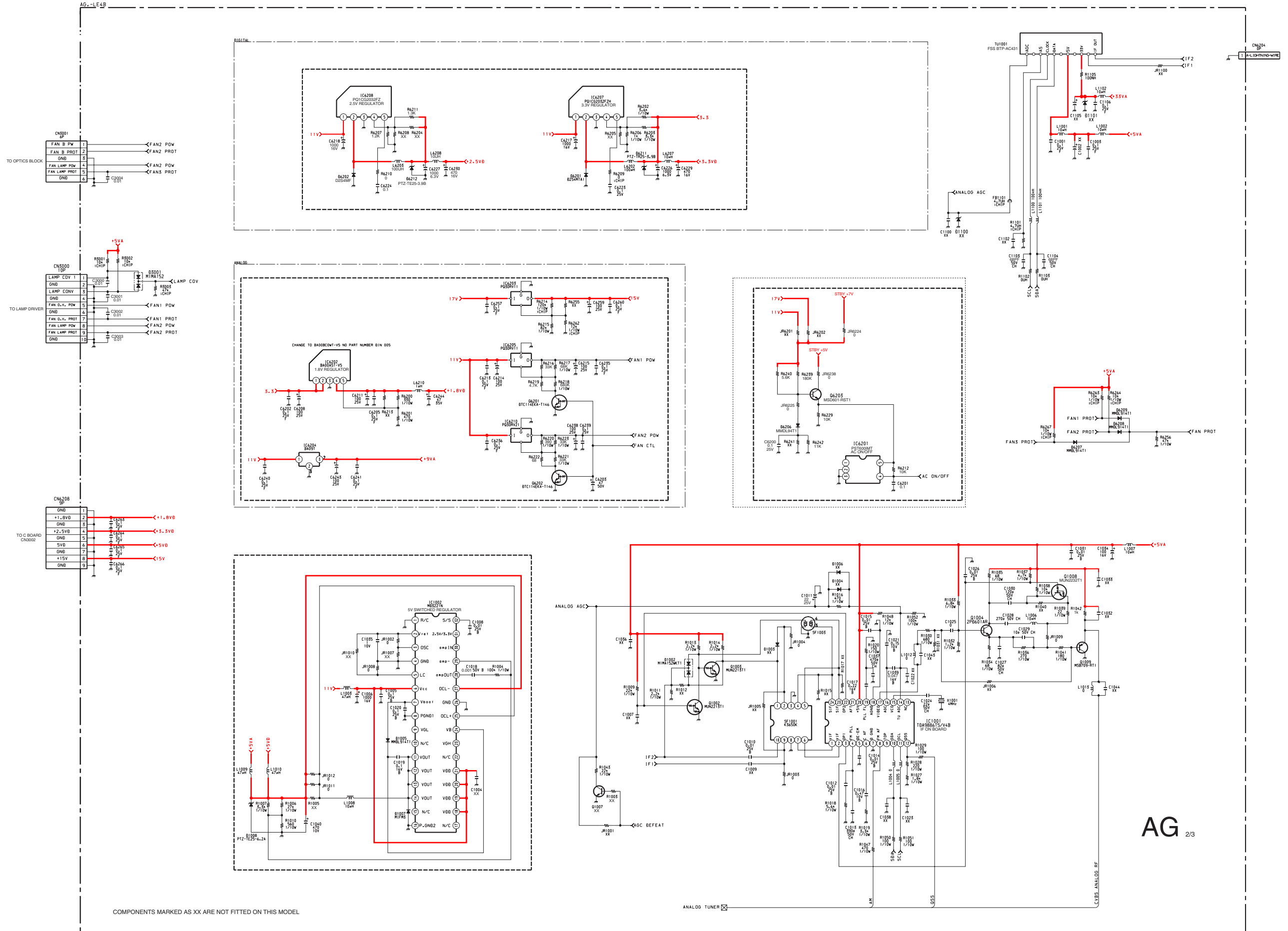
Reference Information

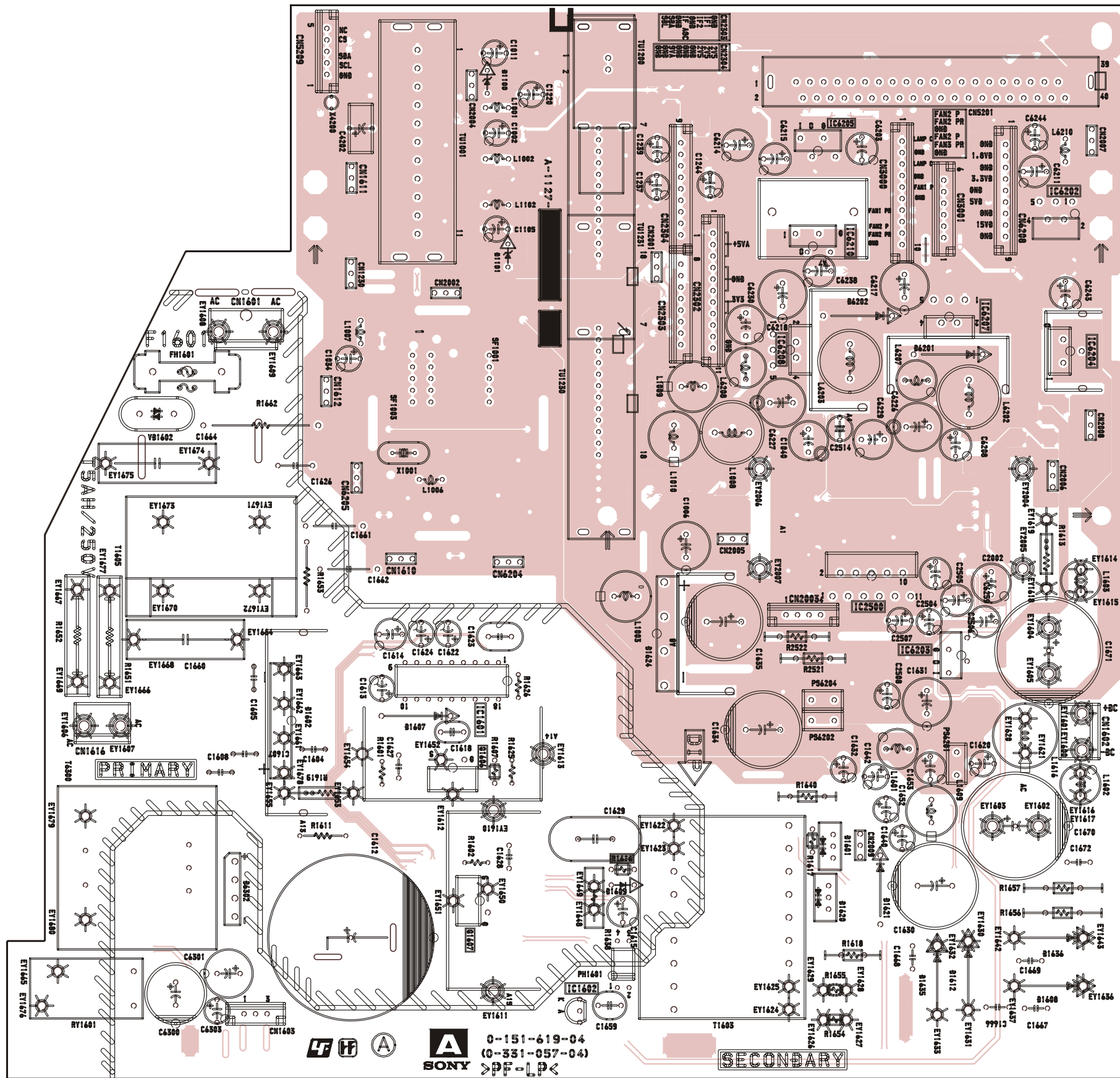
RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

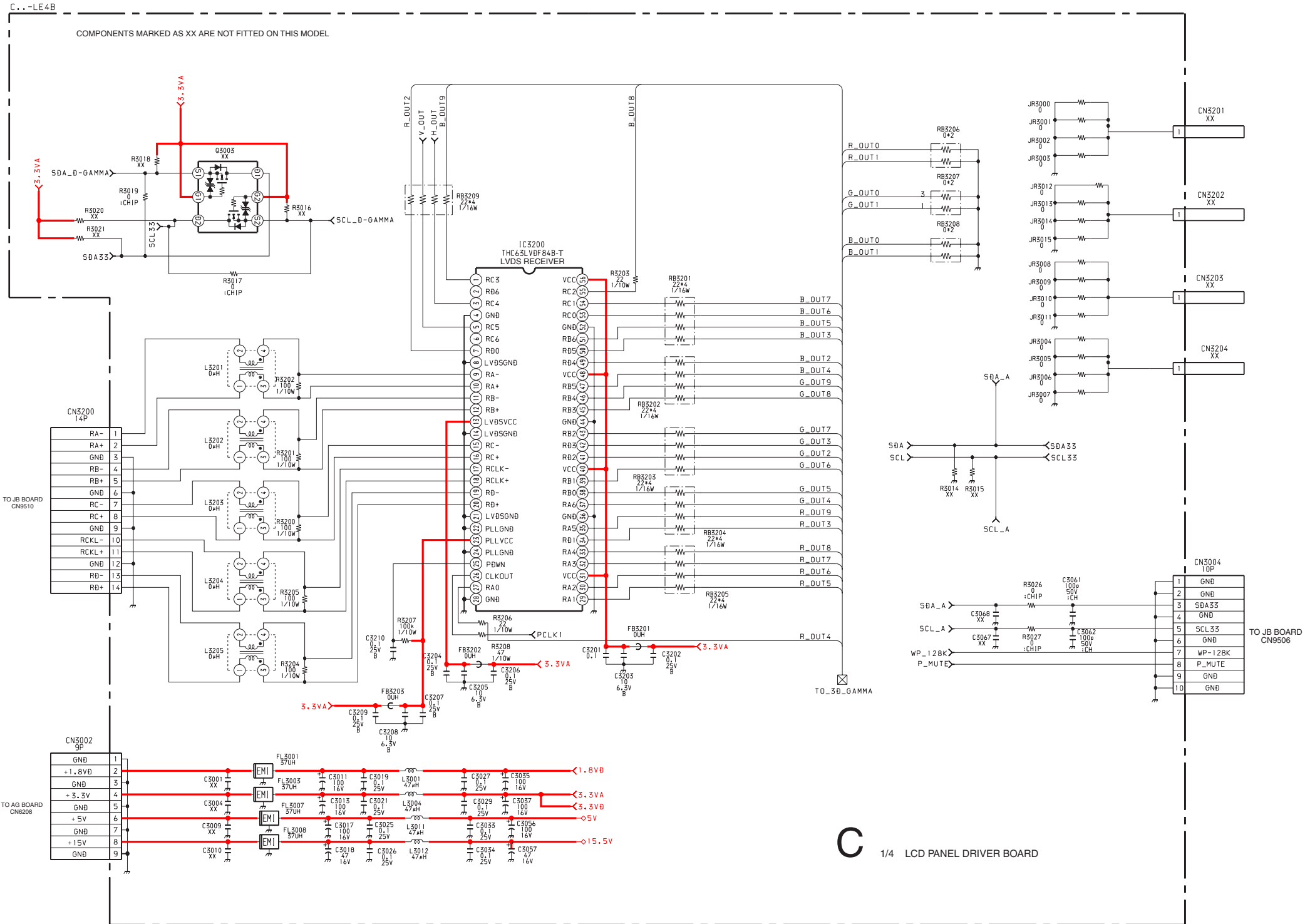
Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

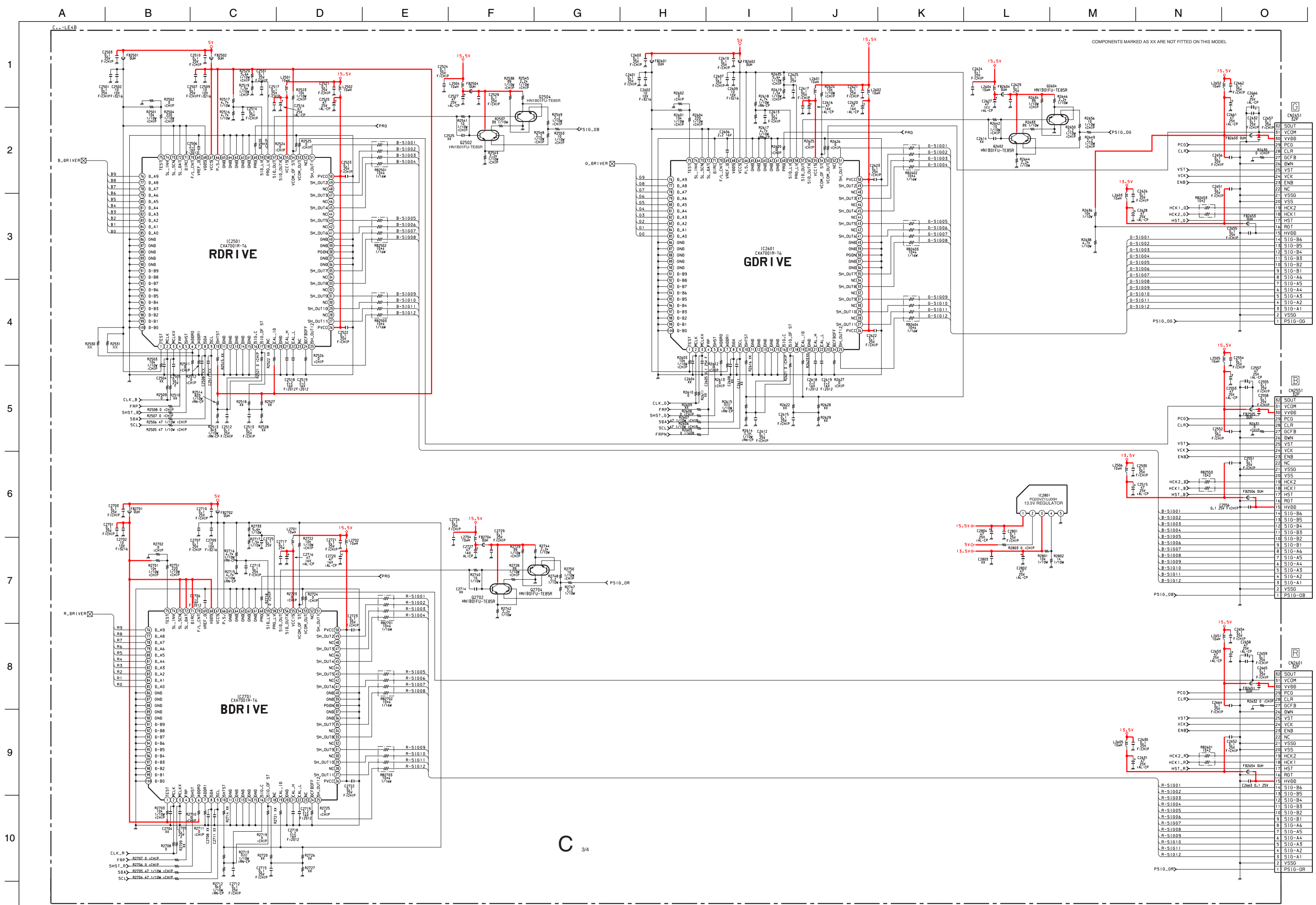
Note : Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

1
2
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11

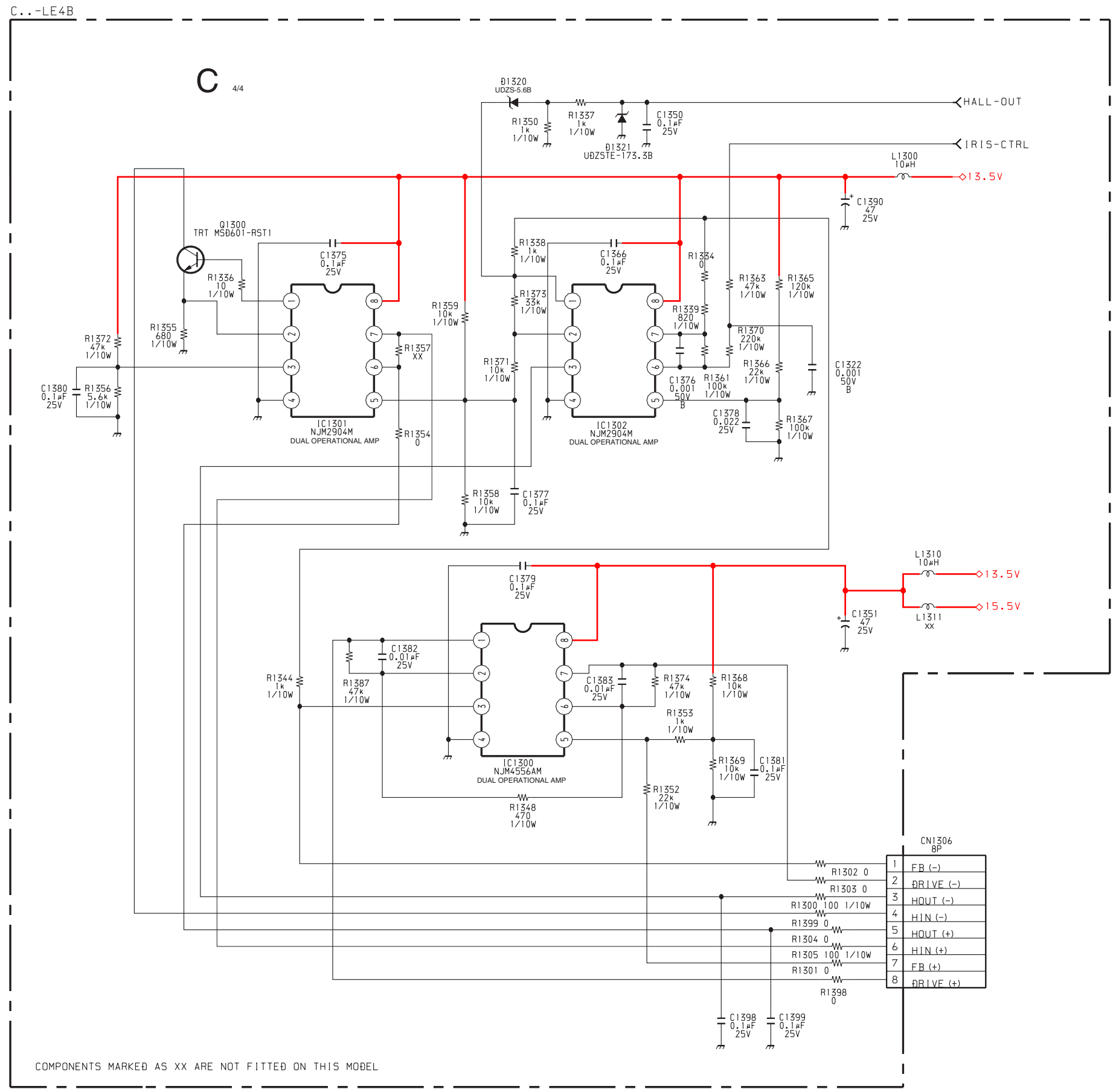






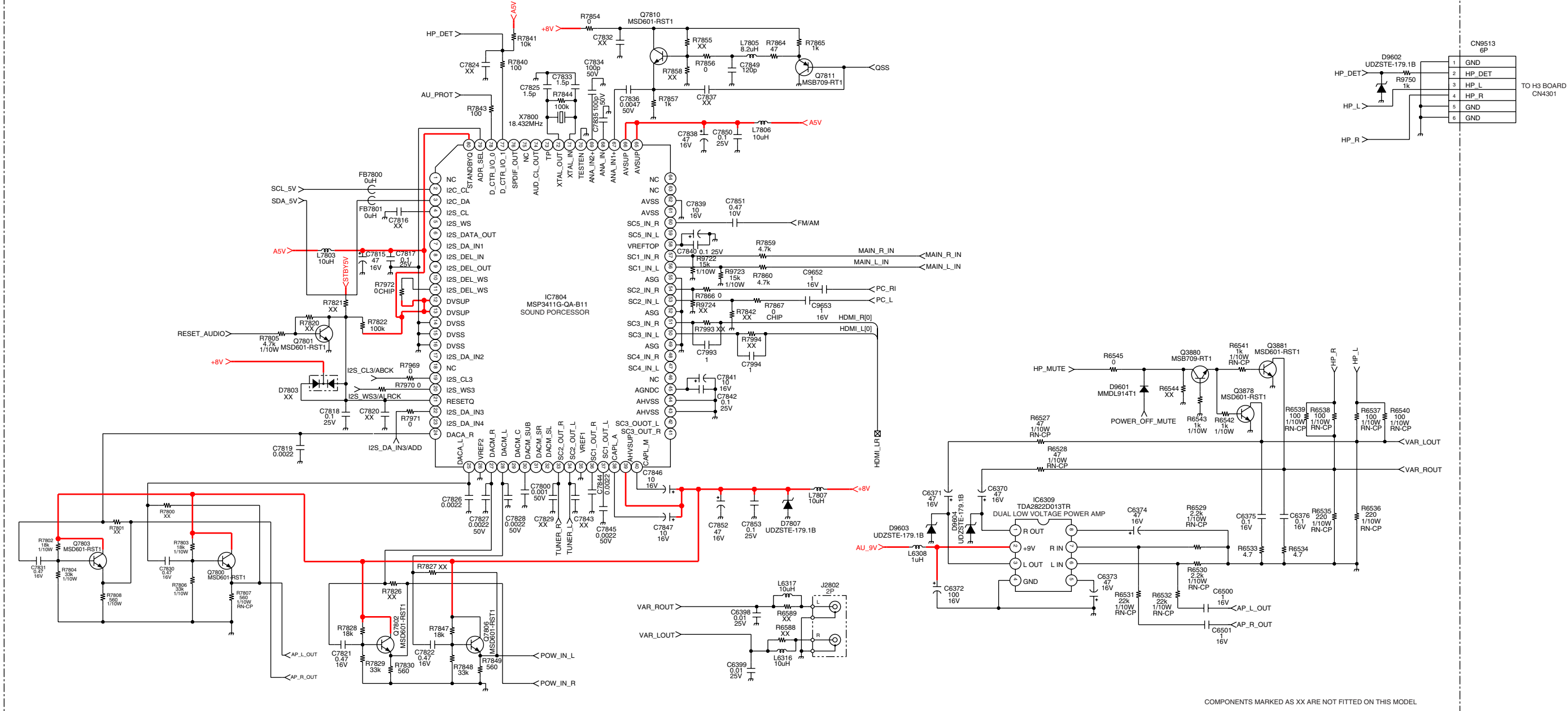


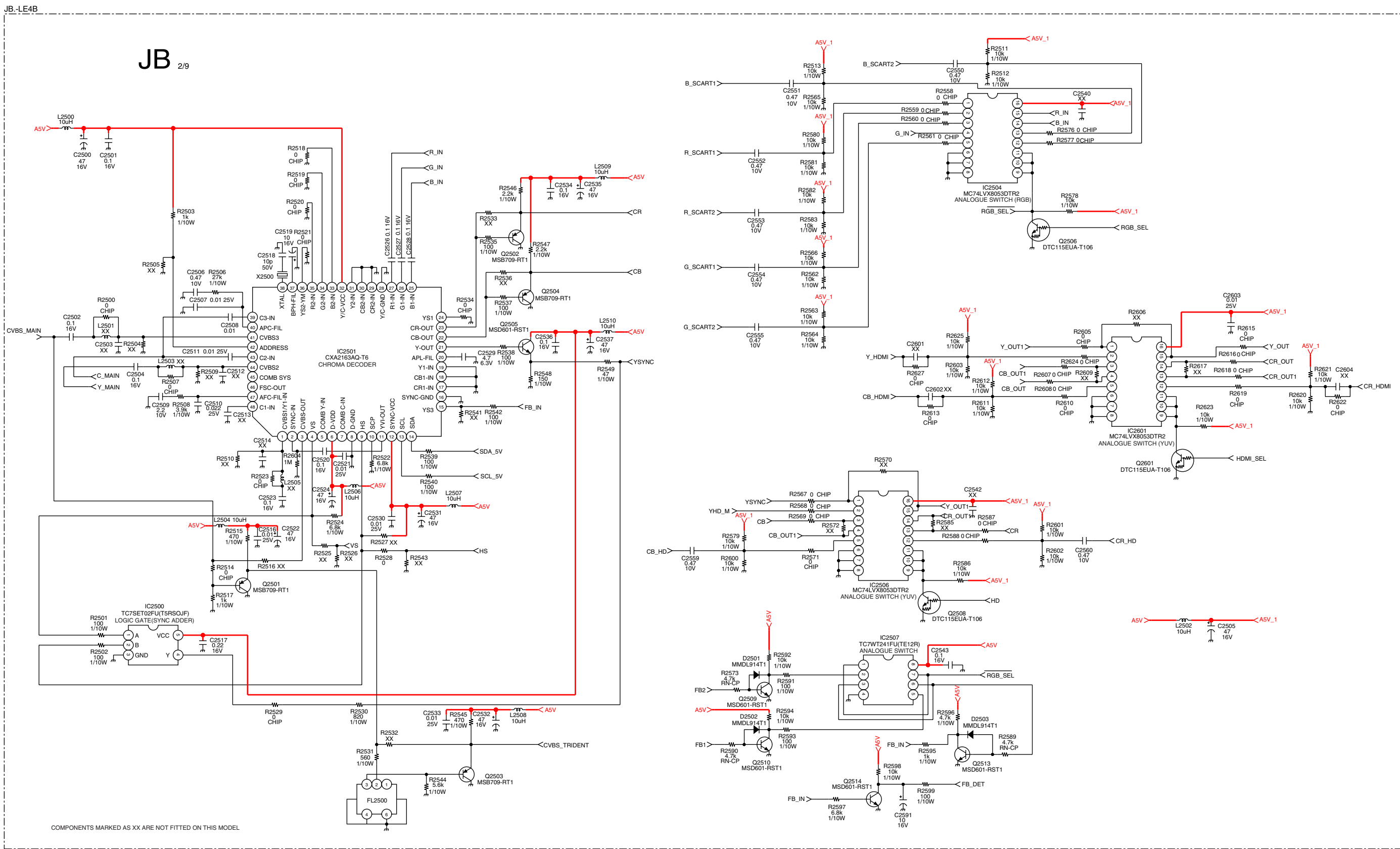
~ C Board Schematic Diagram [LCD Panel Driver Board] Page 3/4 ~

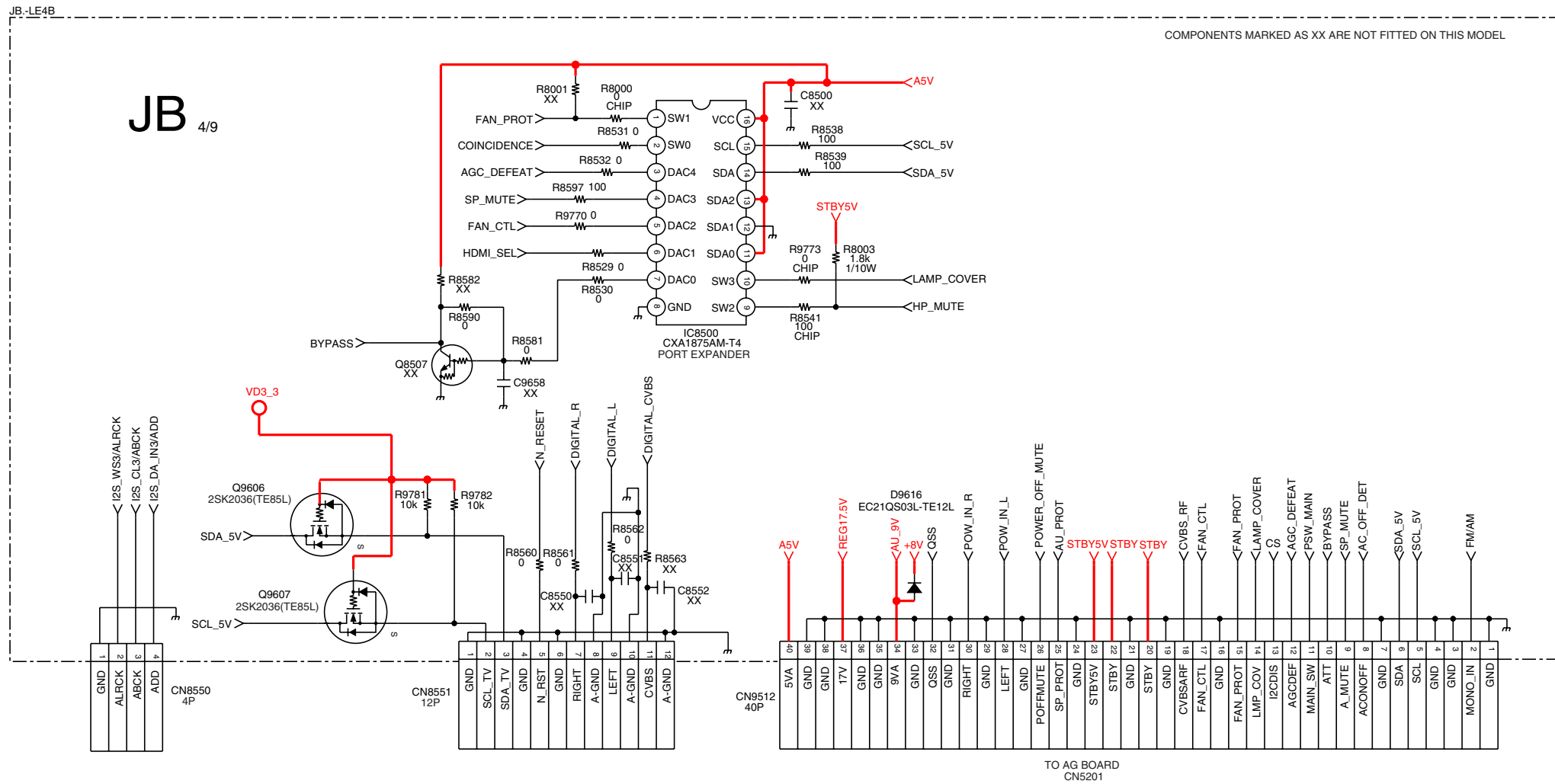


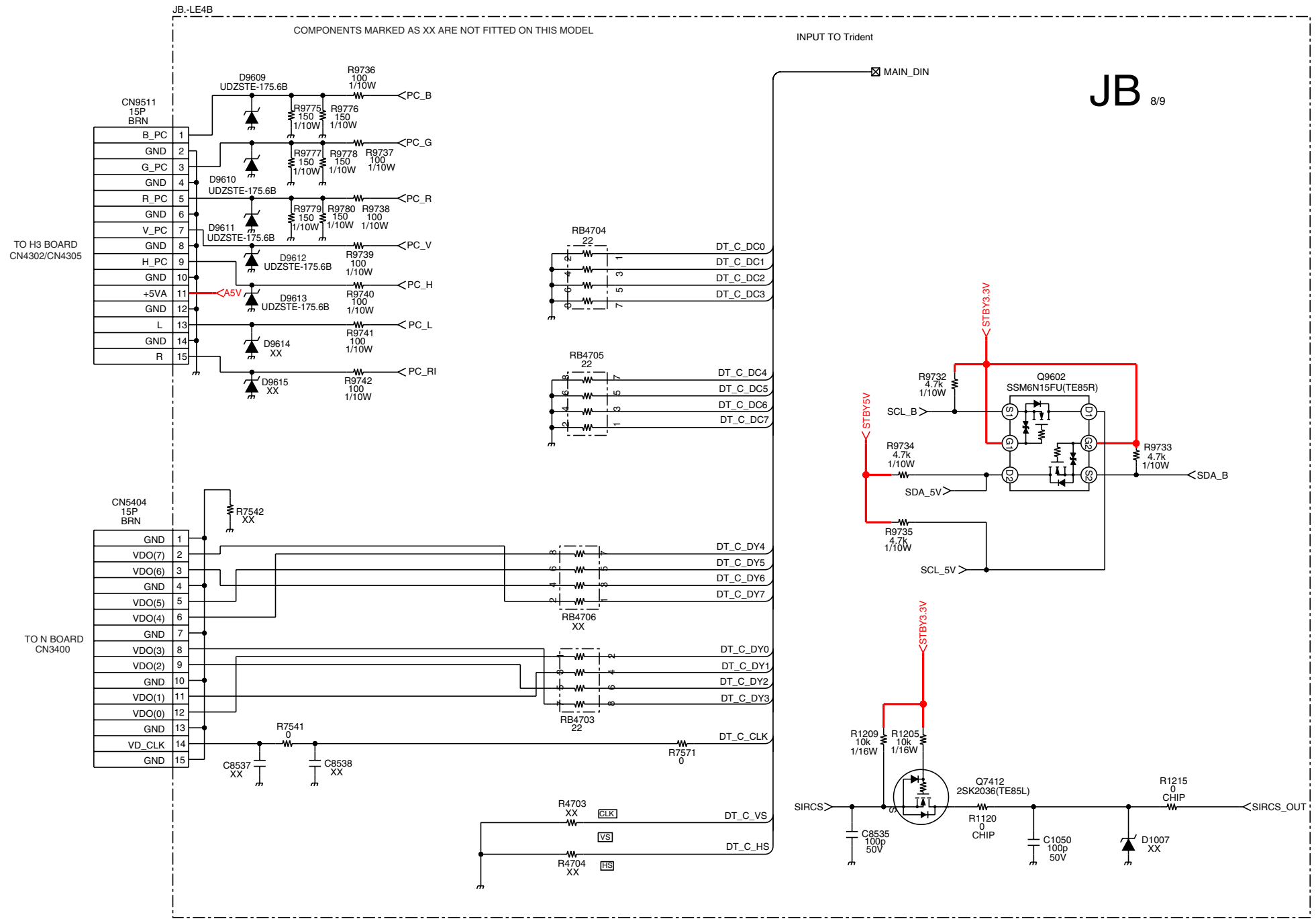
JB-LE4B

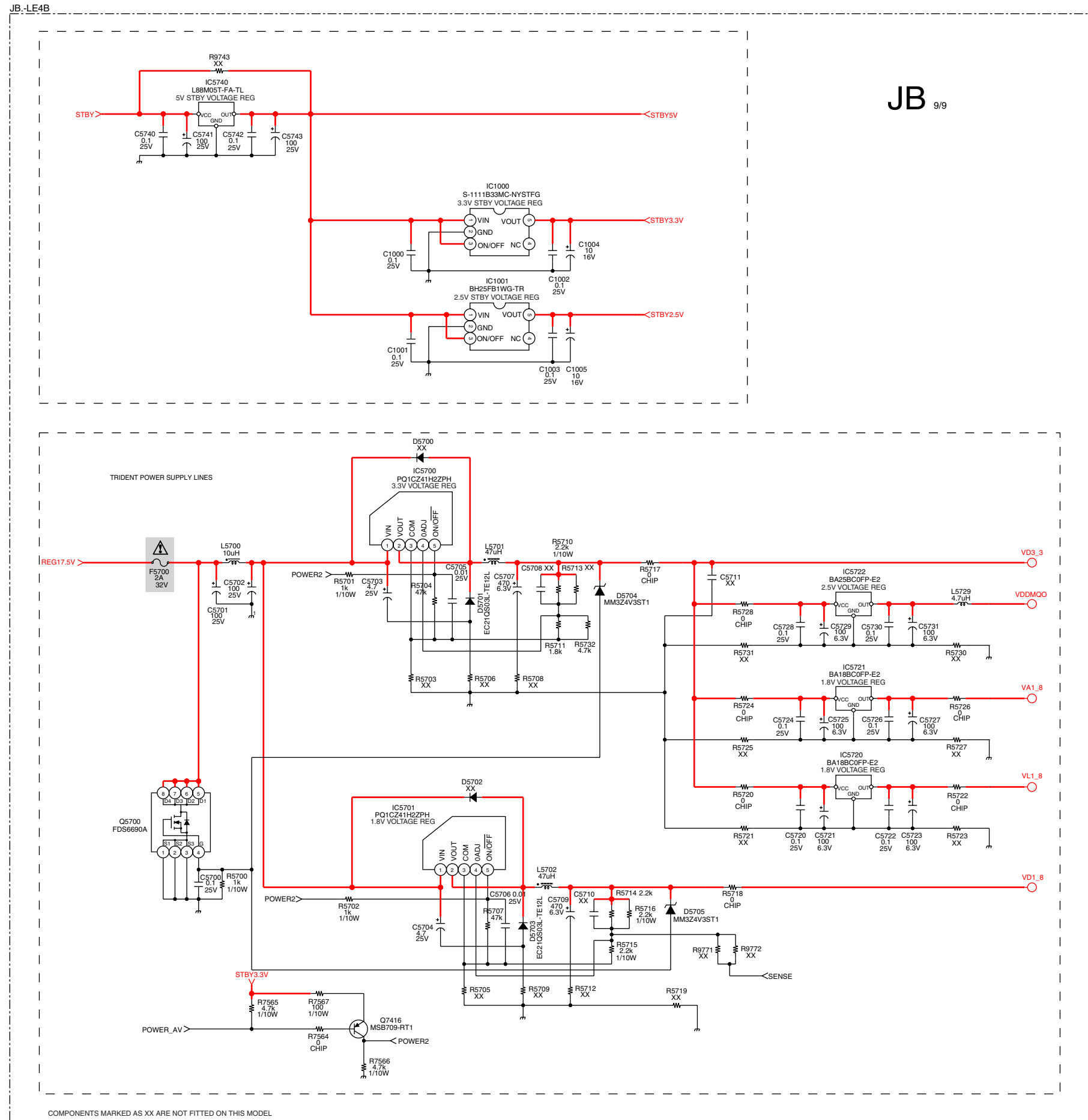
JB 1/9 AUDIO PROCESSOR, AV SWITCH, CHROMA DECODER, VIDEO PROCESSOR, MAIN MICRO





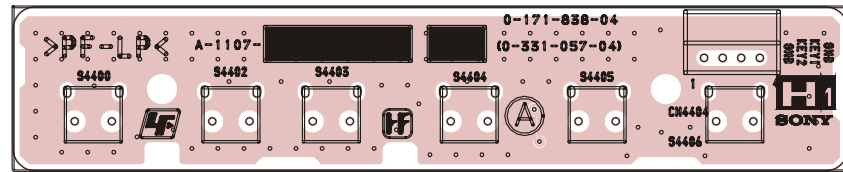






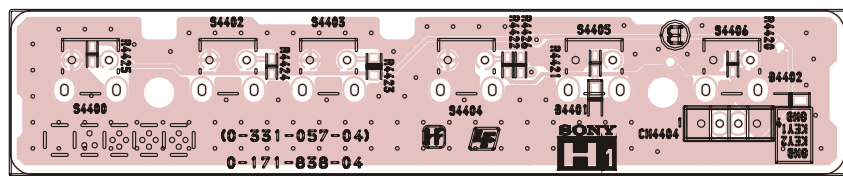
1

~ H1 Printed Wiring Board Conductor Side A ~



2

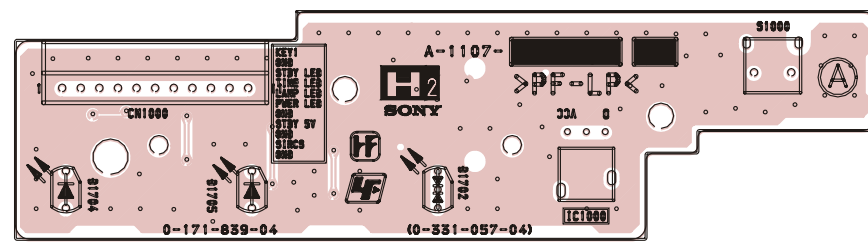
~ H1 Printed Wiring Board Conductor Side B ~



4

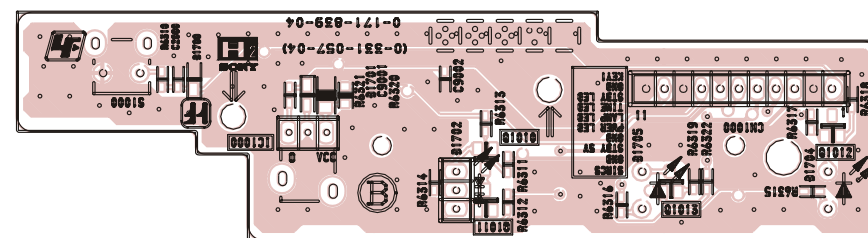
5

~ H2 Printed Wiring Board Conductor Side A ~



7

~ H2 Printed Wiring Board Conductor Side B ~

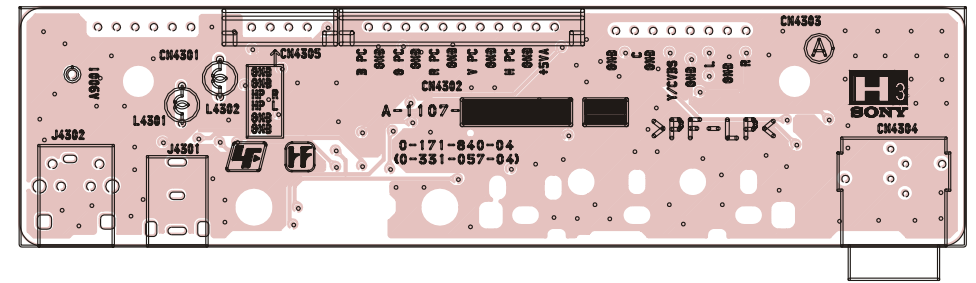


9

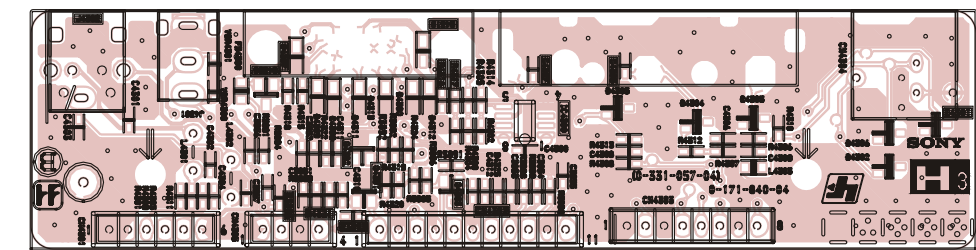
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11

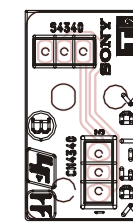
~ H3 Printed Wiring Board Conductor Side A ~



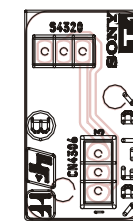
~ H3 Printed Wiring Board Conductor Side B ~

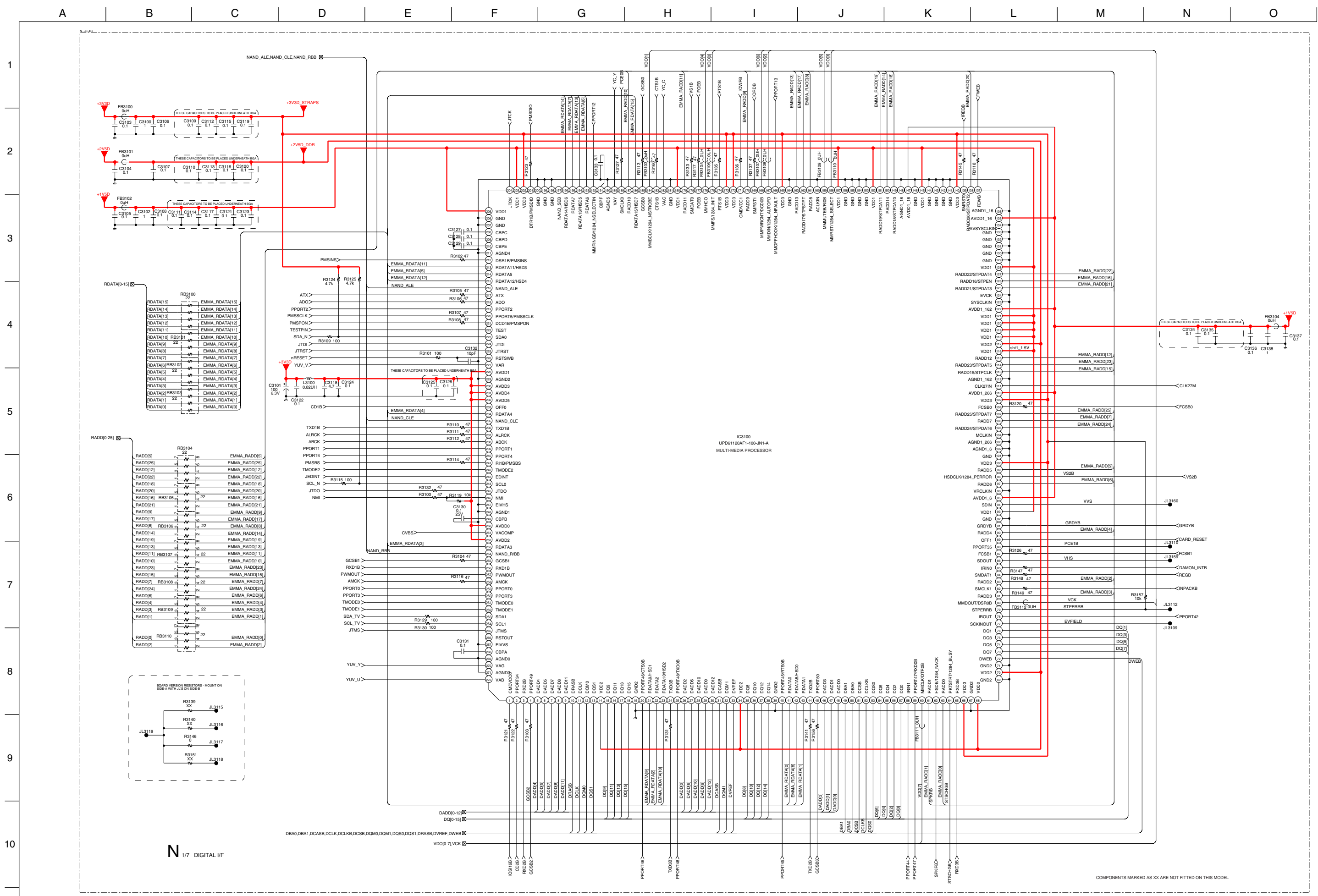


~ T2 Printed Wiring Board Conductor Side ~



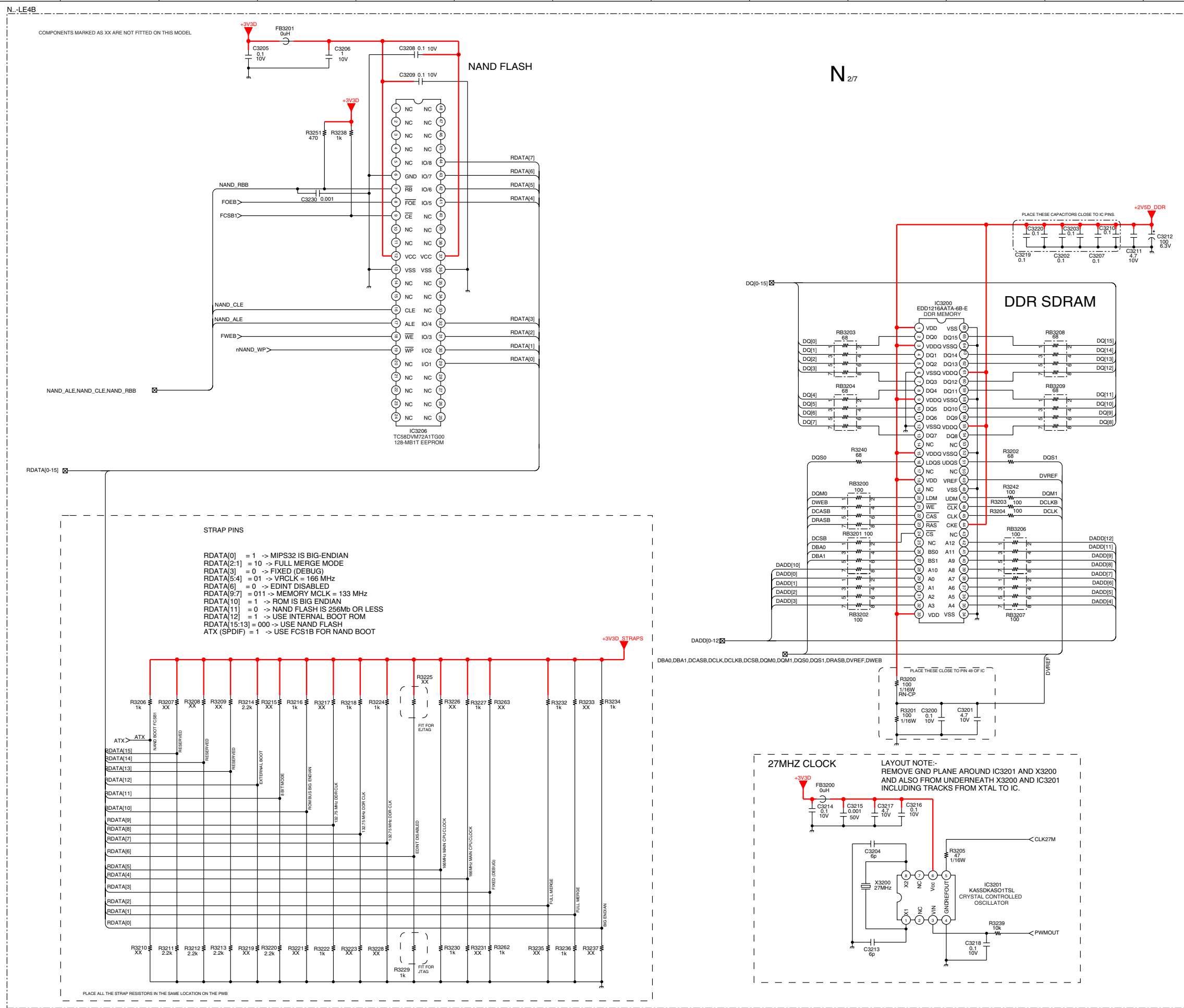
~ T1 Printed Wiring Board Conductor Side ~

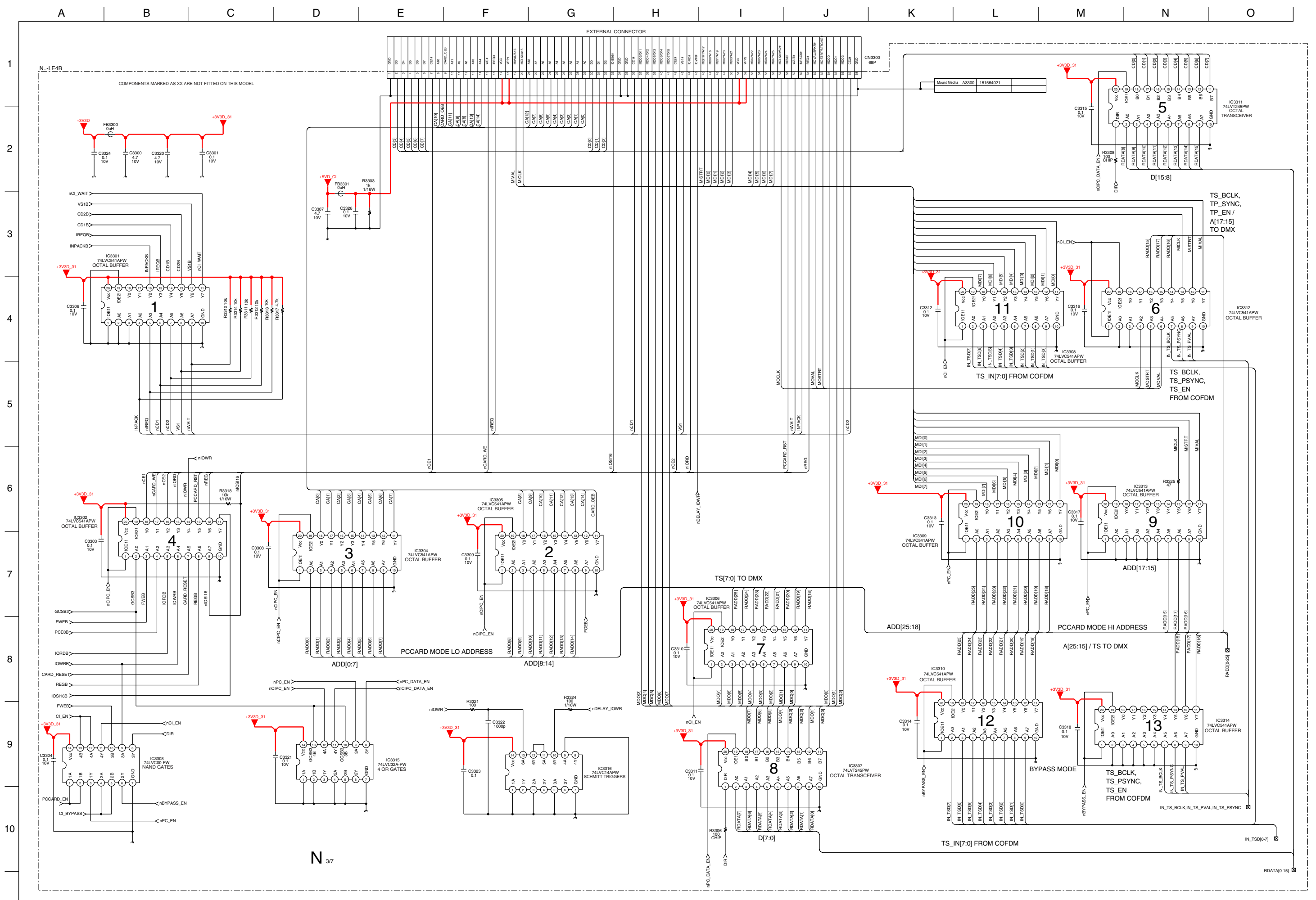




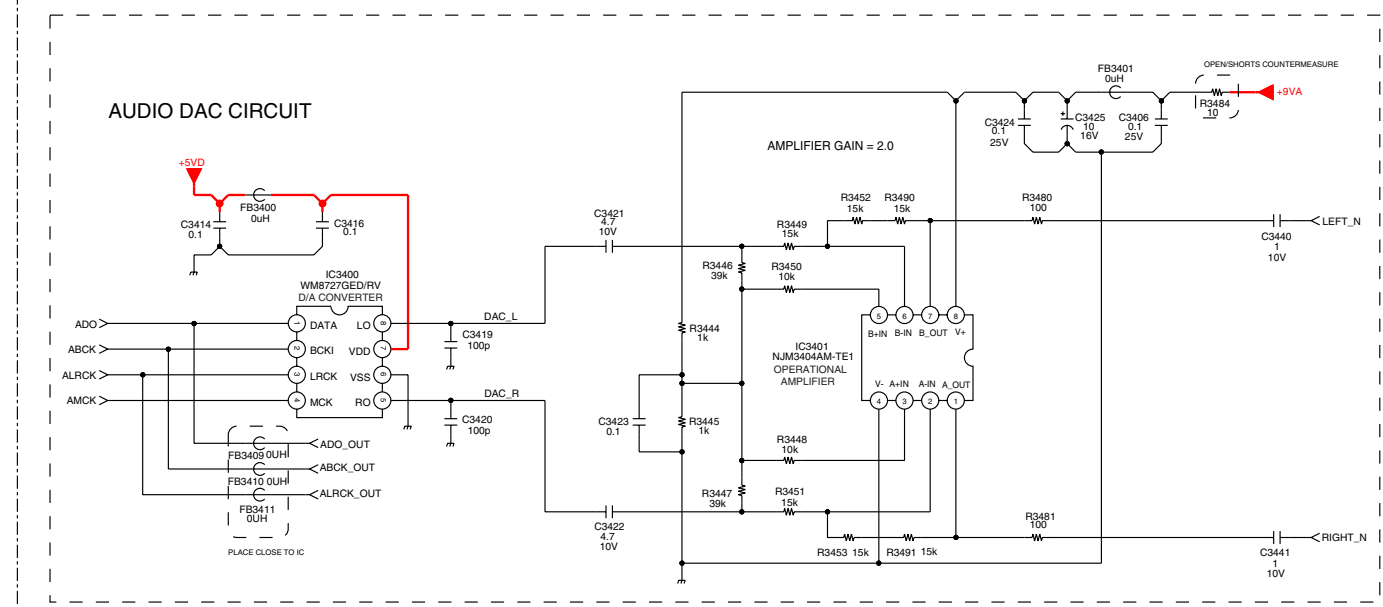
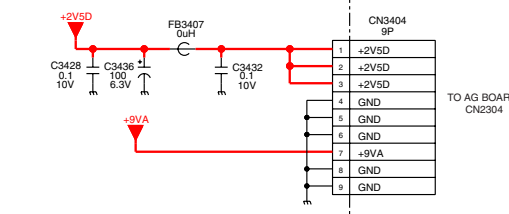
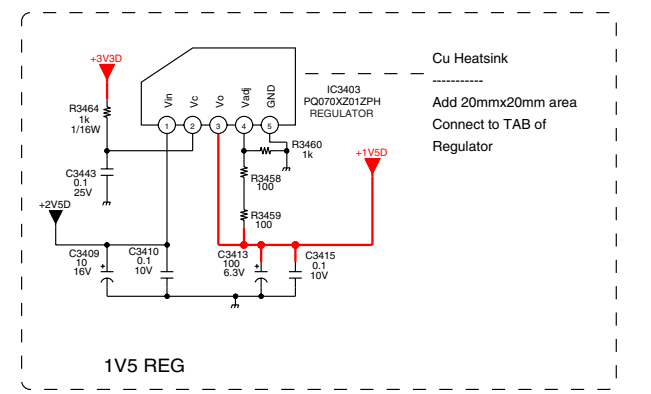
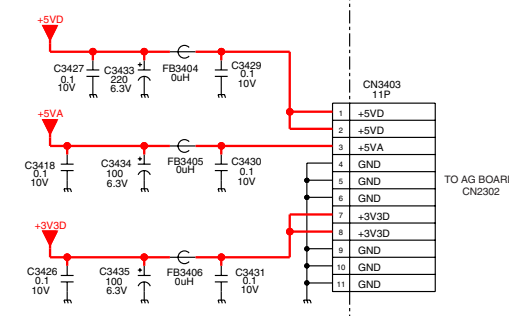
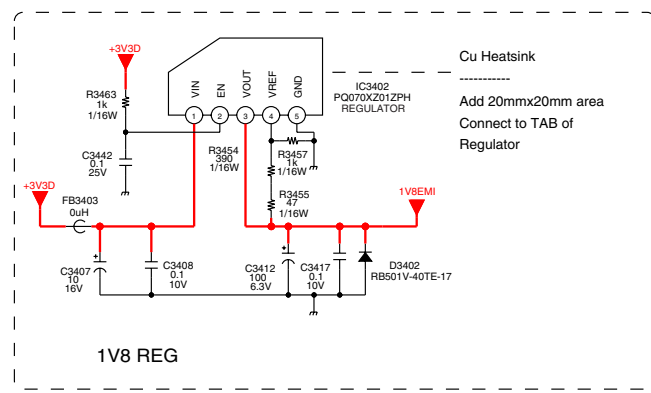
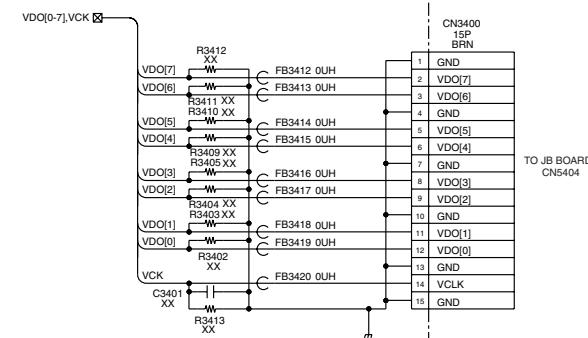
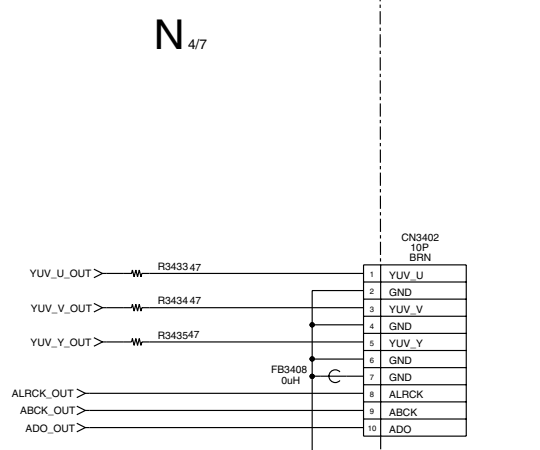
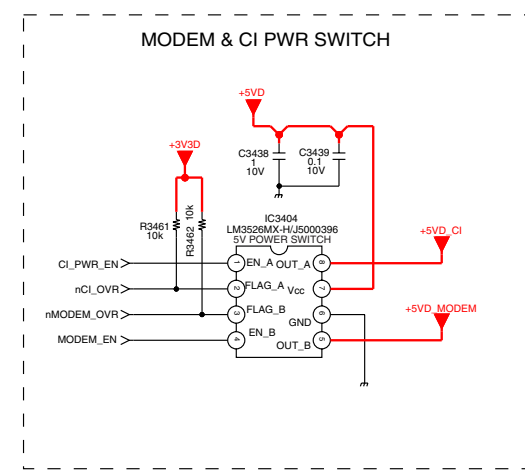
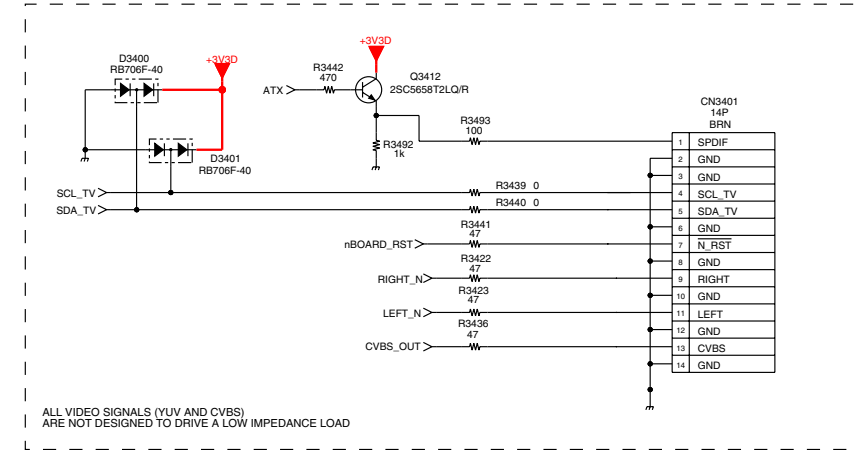
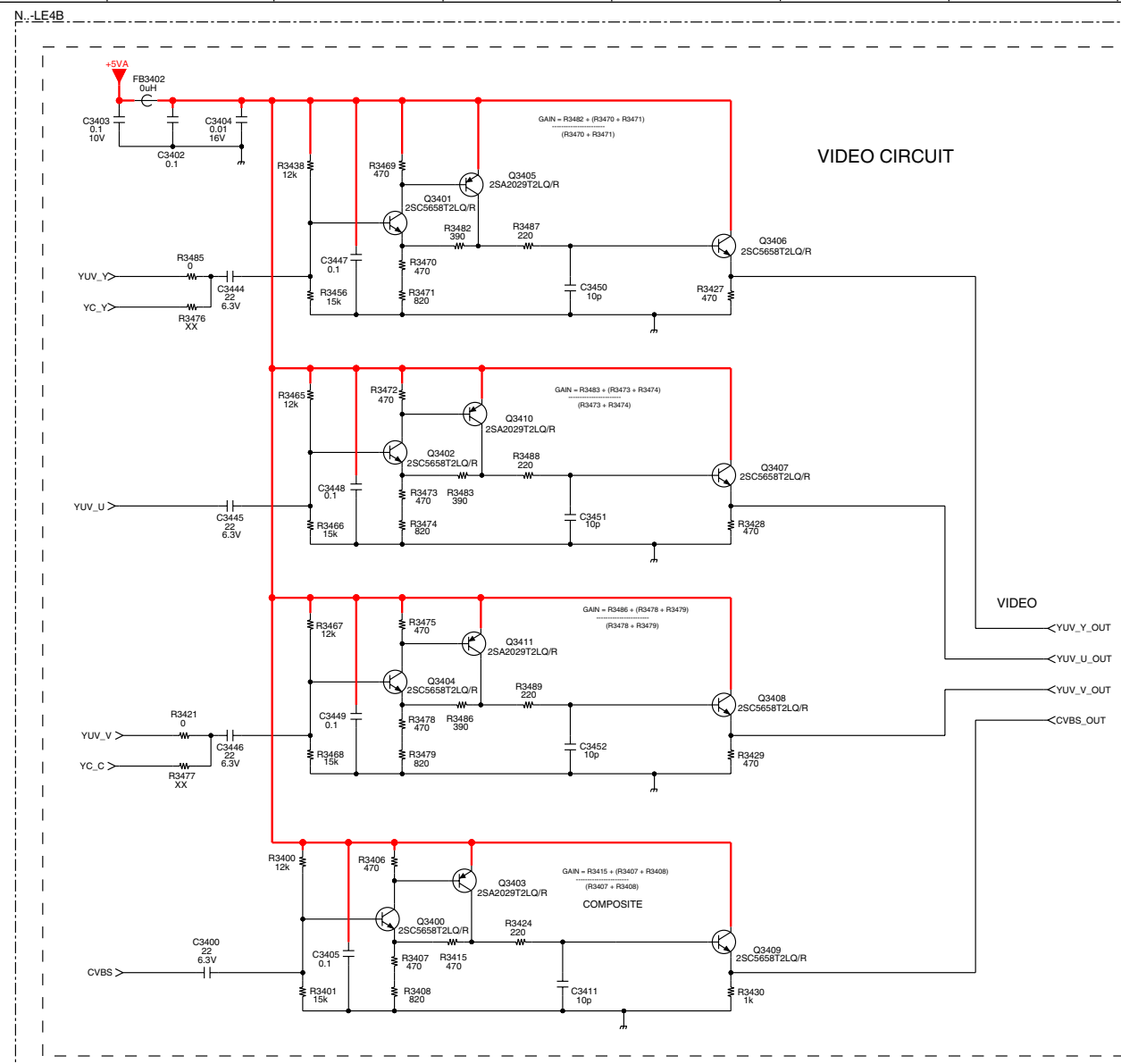
N
1/7 DIGITAL I/F

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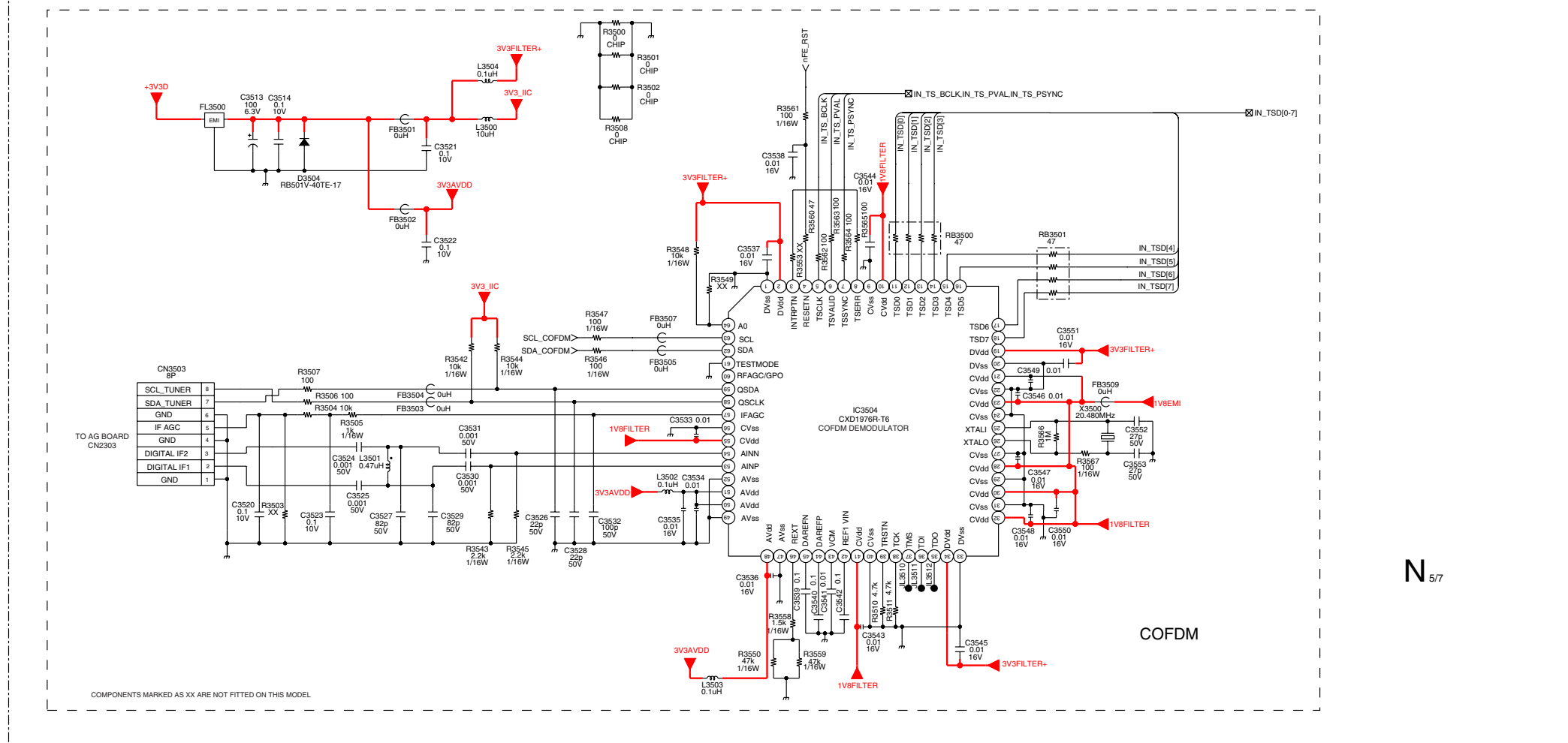
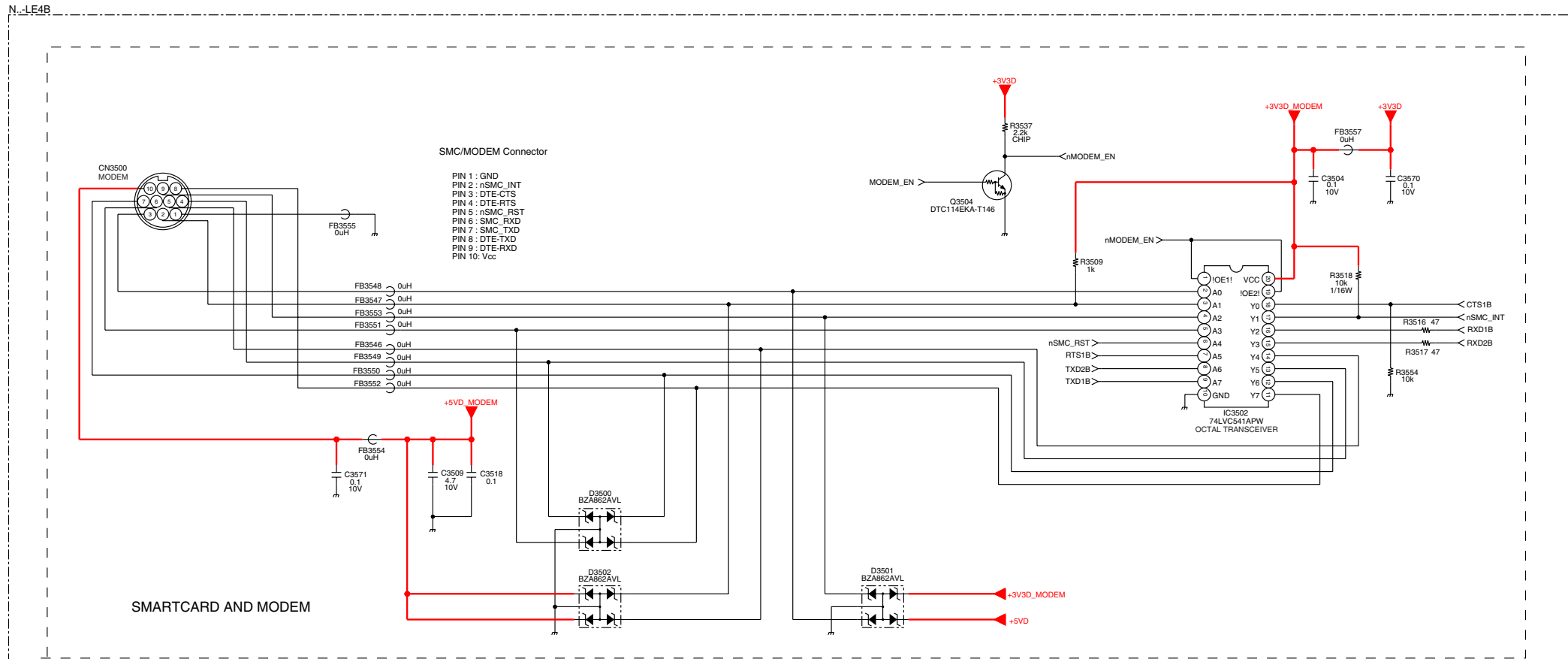




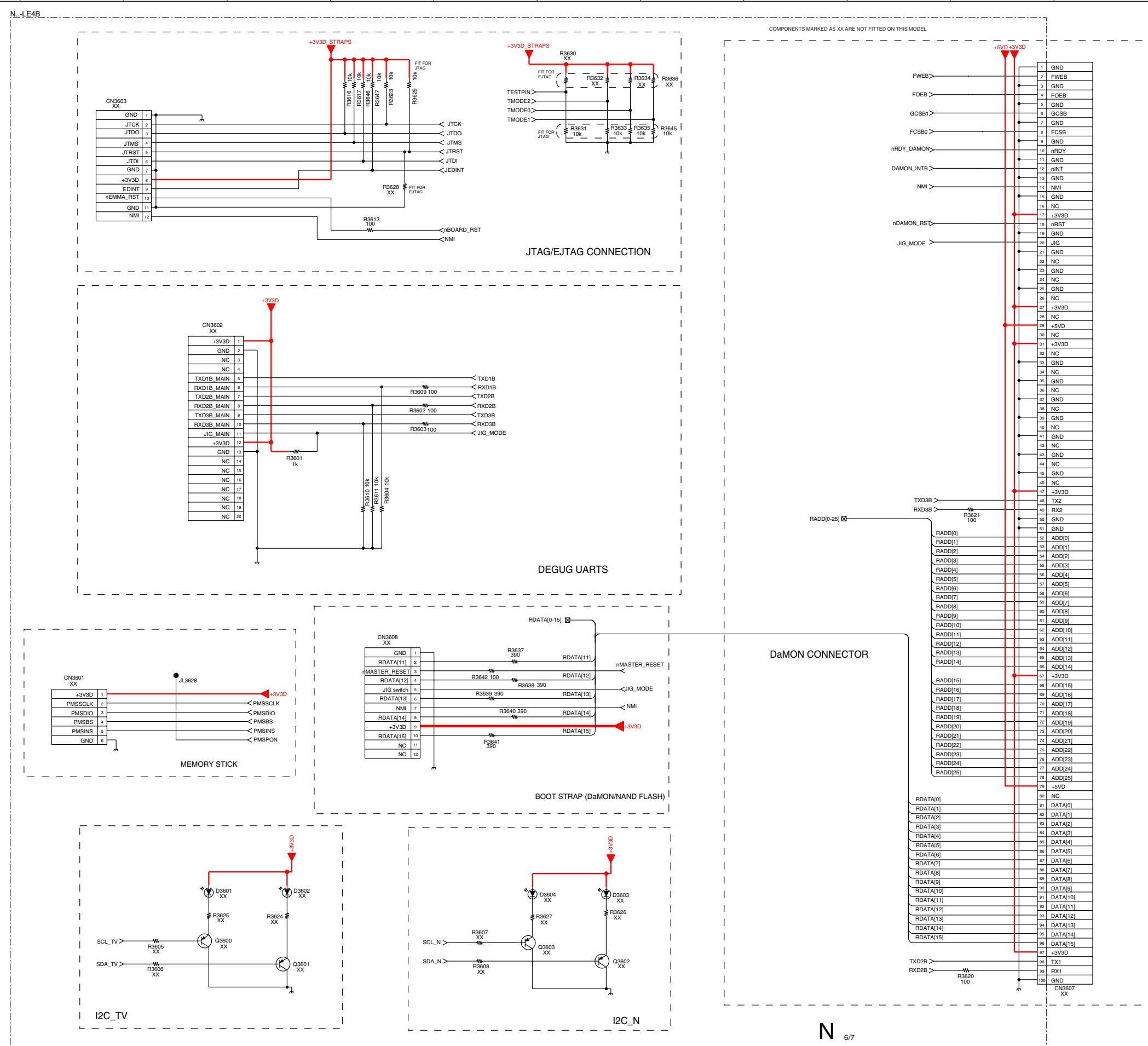
~ N Board Schematic Diagram [Digital I/F] Page 3/7 ~



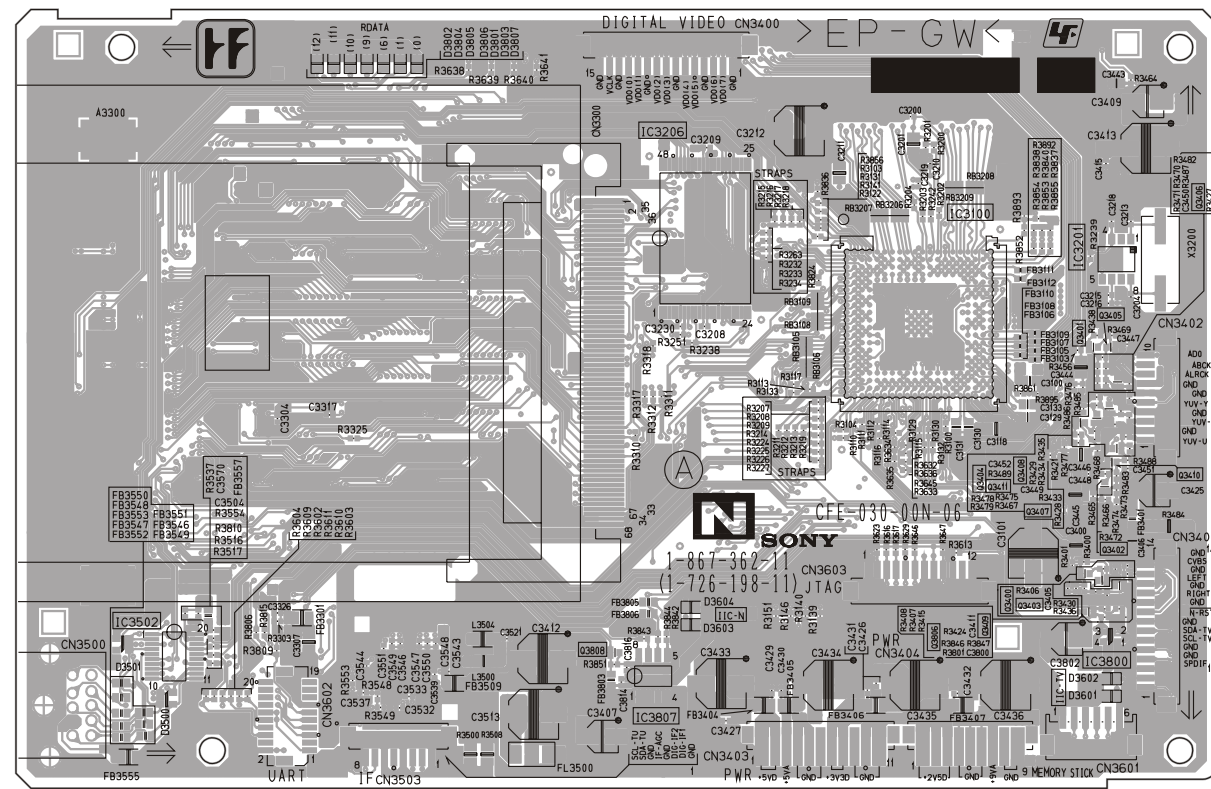
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL



N 5/7



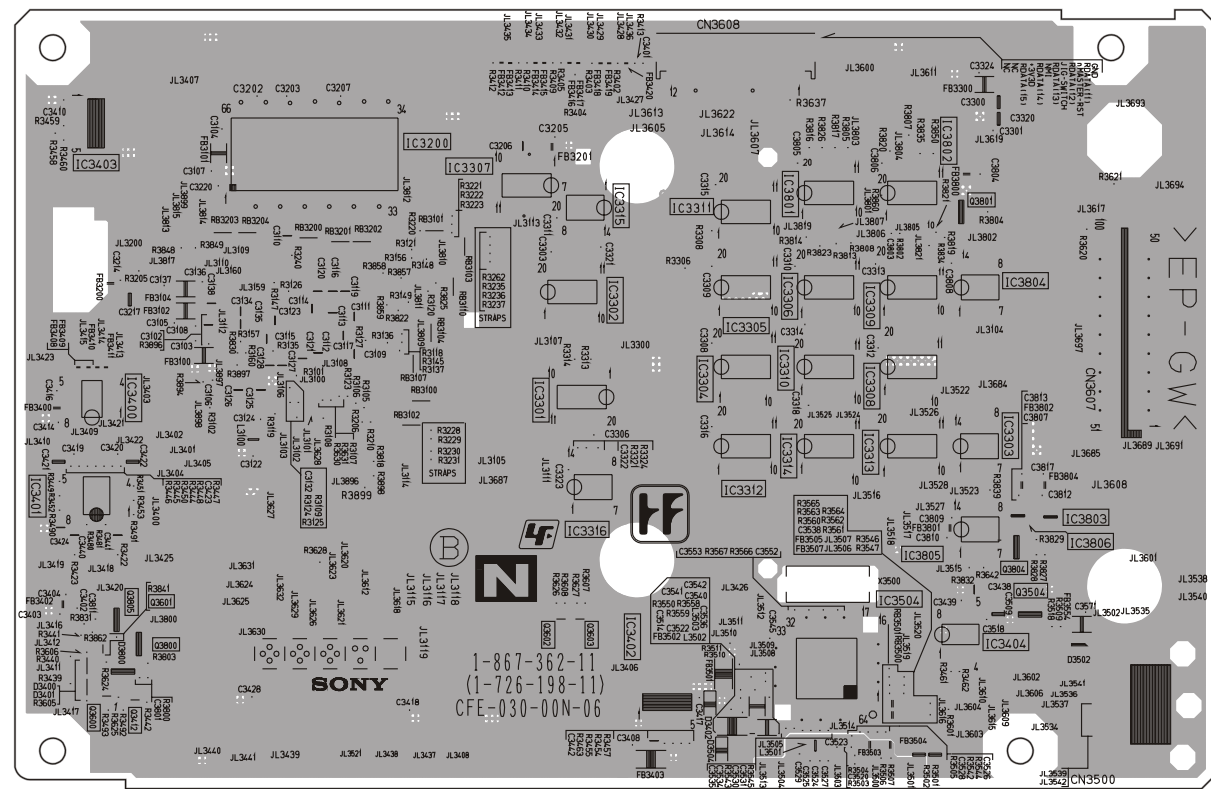
~ N Printed Wiring Board Conductor Side A ~



~ N Board Semiconductor Location Table Side A ~

DIODE	D3604 E - 4		D3805 D - 1		IC3201 G - 2		TRANSISTOR		Q3404 G - 4		Q3409 G - 4	
	D3501 B - 4	D3801 D - 1	D3806 D - 1	IC3205 E - 2	Q3400 G - 4	Q3405 G - 3	Q3409 H - 4					
D3601 G - 5	D3802 D - 1	D3807 D - 1	IC3502 B - 4	Q3401 G - 3	Q3406 H - 2	Q3411 G - 4						
D3602 G - 5	D3803 D - 1	IC	IC3800 G - 4	Q3402 G - 4	Q3407 G - 4	Q3806 F - 4						
D3603 E - 4	D3804 D - 1		IC3807 E - 5	Q3403 G - 4	Q3408 E - 4	Q3808 E - 4						

~ N Printed Wiring Board Conductor Side B ~

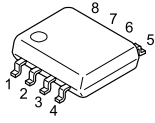


~ N Board Semiconductor Location Table Side B ~

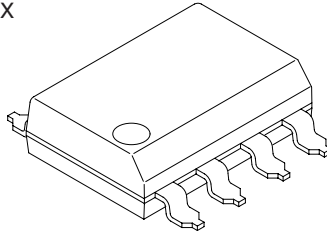
DIODE	IC3301 D - 9		IC3308 F - 8		IC3315 D - 8		IC3504 F - 10		TRANSISTOR	
	D3400 B - 10	IC3302 D - 8	IC3309 F - 8	IC3316 D - 9	IC3801 E - 8	Q3412 B - 10				
D3401 B - 10	IC3303 G - 9	IC3310 F - 8	IC3400 B - 9	IC3802 F - 7	Q3504 G - 10					
D3402 E - 10	IC3304 E - 8	IC3311 E - 8	IC3401 B - 9	IC3803 G - 9	Q3800 B - 10					
D3504 E - 10	IC3305 E - 8	IC3312 E - 9	IC3402 E - 10	IC3804 G - 8	Q3801 G - 8					
IC	IC3306 F - 8	IC3313 F - 9	IC3403 B - 7	IC3805 F - 9	Q3804 G - 9					
IC3200 D - 7	IC3307 D - 7	IC3314 E - 9	IC3404 G - 10	IC3806 G - 9	Q3805 B - 10					

5-4. SEMICONDUCTORS

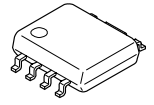
24LC21AT



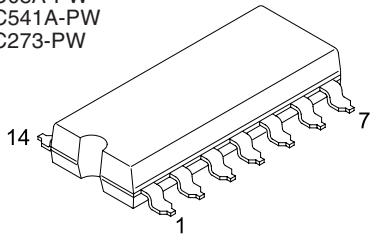
LM3526MX



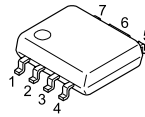
NJM2904M



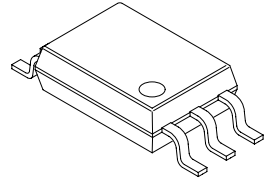
74LVC32A-PW
74LVC00-PW
74LVC08A-PW
74LVC541A-PW
74LVC273-PW



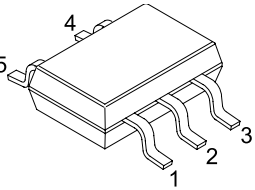
LM75C1MX-3
LM75C1MX-5



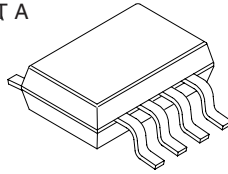
NJM3404AM-T1



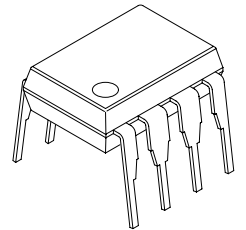
74LVC541APW
74LVC08APW
74LVC14APW
74LVC273PW
74LVC32A-PW
74LVT245PW-T



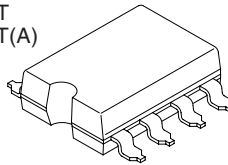
M24128 BWMN6T A



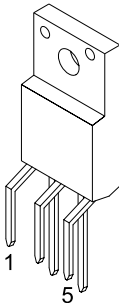
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NJM4556AD



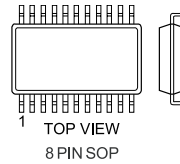
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M24128-BWMN6T(A)



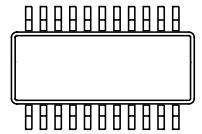
BA09ST_V5



M24C32-WMN6T(B)
MC14053 BDR2



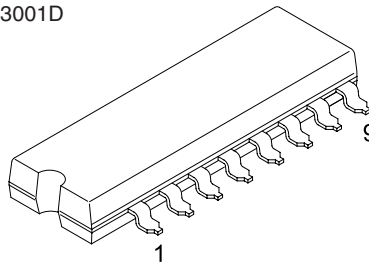
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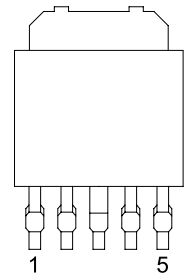
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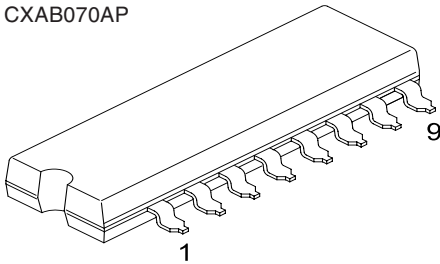
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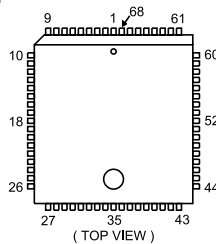
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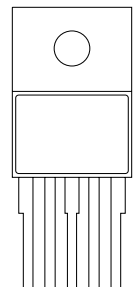
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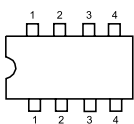
MSP3411G-QA-B10
MSP3411G-QA-B11



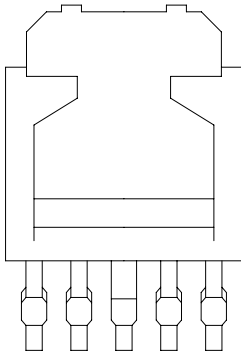
PQ1CG2032FZ



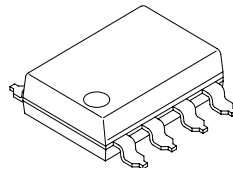
LM318P
LM358N
LM393DT
LM393DT(A)
LM393N
M24C16-MN6T(A)



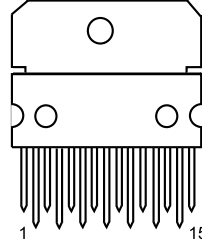
PQ20VZ-U



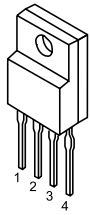
TDA2822D



TDA7269A

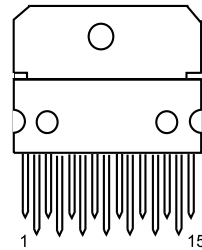


PQ30RV11

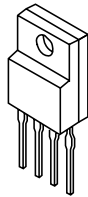


1: V IN
2: V OUT
3: GND
4: ON/OFF CONTROL

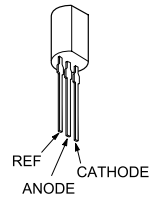
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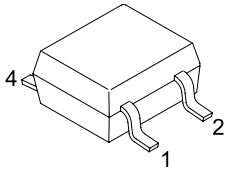
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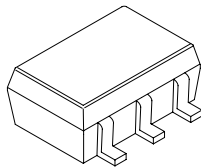
UPC1093J-1-T



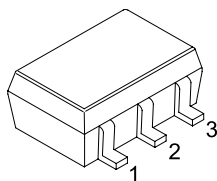
PST3629UL



TC7SH08FU(T5RSOYJF)



TC7SH08F-TE85R



SECTION 6 EXPLODED VIEWS

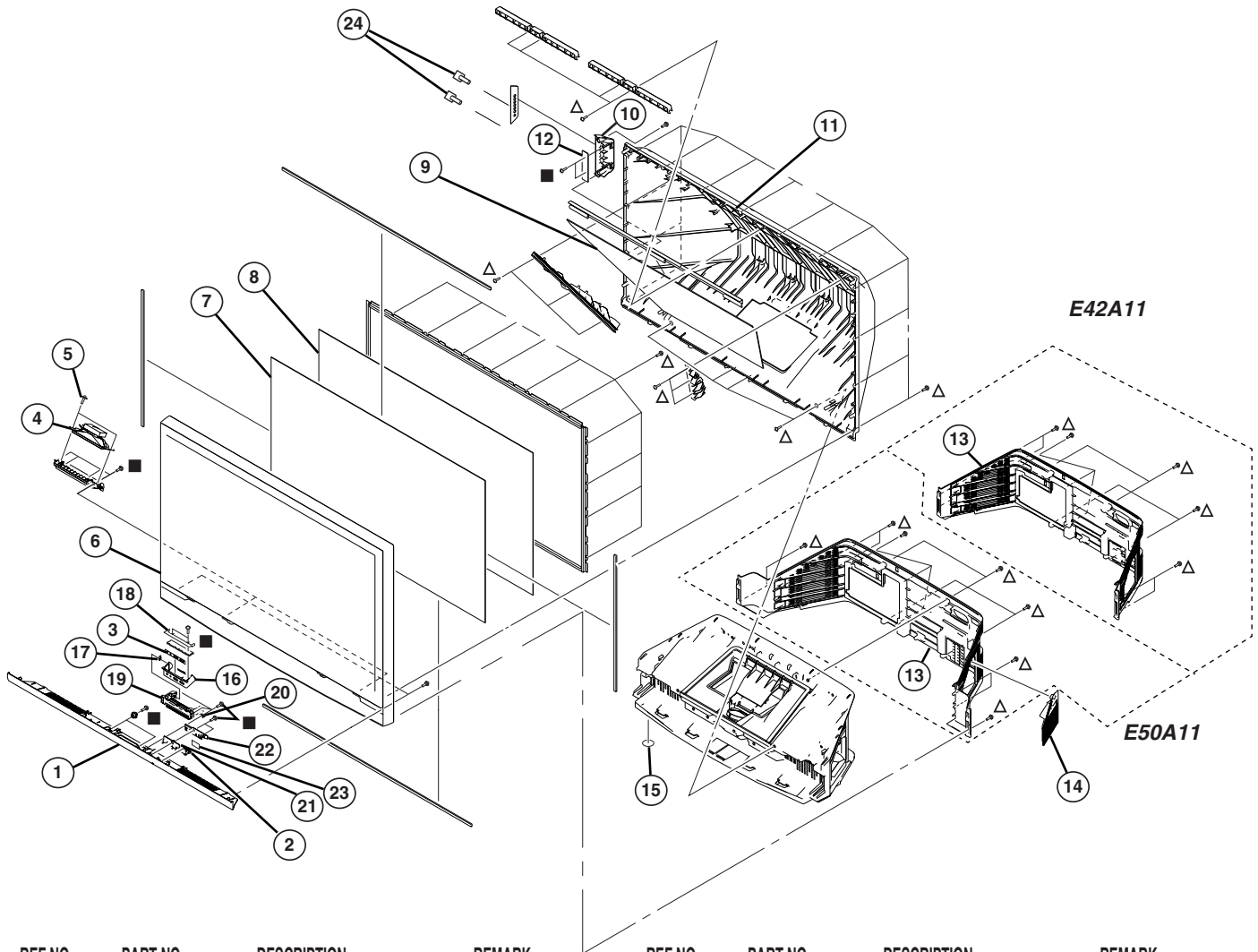
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

6-1. SCREEN MIRROR BLOCK, COVERS

- : 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- △ : 7-685-663-79 SCREW +BVTP 4X16 TYPE2 IT-3

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

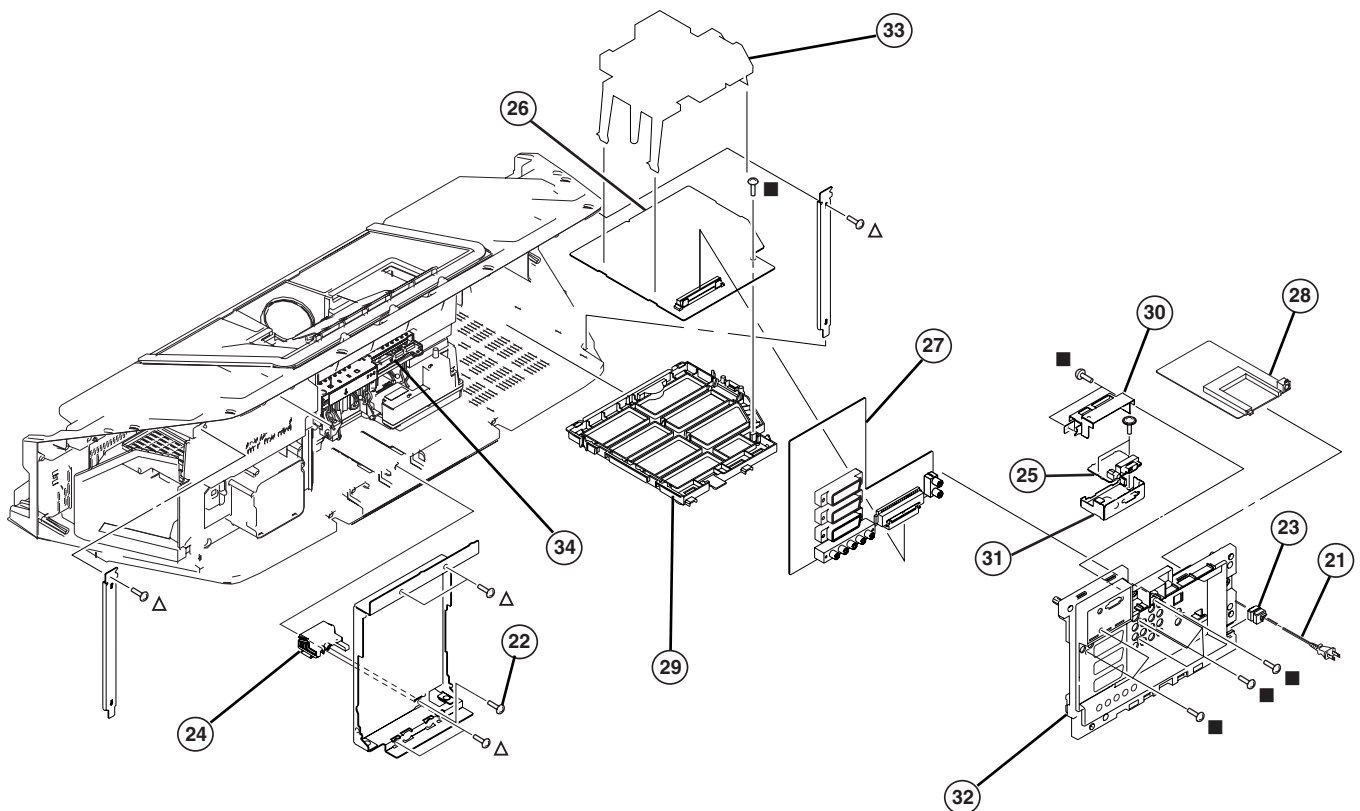


REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	2-631-806-31	GRILLE, SPEAKER(42)	(E42A11E)	11	2-590-902-32	COVER, MIRROR (42)	(E42A11E)
	2-631-808-31	GRILLE, SPEAKER(50)	(E50A11E)		2-590-907-33	COVER, MIRROR (50)	(E50A11E)
2	2-590-913-11	BUTTON, POWER		12	*A-1107-972-A	H3 BOARD COMPLETE	
3	2-590-914-11	BUTTON, MULTI		13	2-631-704-11	COVER REAR (42)	(E42A11E)
4	1-826-219-11	LOUD SPEAKER (5.5X15CM)			2-631-704-01	COVER REAR (50)	(E50A11E)
5	4-058-870-01	SCREW, (4X16) W (+) P TAPPING		14	2-591-156-21	DOOR, LAMP	
6	X-2067-166-1	FRAME ASSY SCREEN	(E42A11E)	15	4-097-548-01	CUSHION, FOOT	
	X-2067-114-1	FRAME ASSY SCREEN	(E50A11E)	16	*2-590-915-21	TRAY, CONTROL	
7	2-590-449-21	PLATE (42L), DIFFUSION	(E42A11E)	17	2-593-048-01	DAMPER	
	2-590-451-21	PLATE (50L), DIFFUSION	(E50A11E)	18	2-590-916-11	TRAY, CONTROL (TOP)	
8	2-590-450-21	PLATE (42F), DIFFUSION	(E42A11E)	19	2-590-917-11	BRACKET, CONTROL TRAY	
	2-590-452-11	PLATE (50F), DIFFUSION	(E50A11E)	20	2-593-049-01	LATCH ASSY	
9	2-592-457-12	MIRROR (E42A11E)		21	2-590-918-21	GUIDE, LED	
	2-592-456-11	MIRROR (E50A11E)		22	*A-1107-970-A	H1 BOARD COMPLETE	
10	*2-649-045-01	BRACKET H3 (42)	(E42A11E)	23	*A-1107-971-A	H2 BOARD COMPLETE	
	*2-637-136-01	BRACKET H3 (50)	(E50A11E)	24	4-635-966-01	SCREW (HEX)	

6-2. CHASSIS / BOTTOM BLOCK ASSEMBLY

- : 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- △ : 7-685-663-79 SCREW +BVTP 4X16 TYPE2 IT-3

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

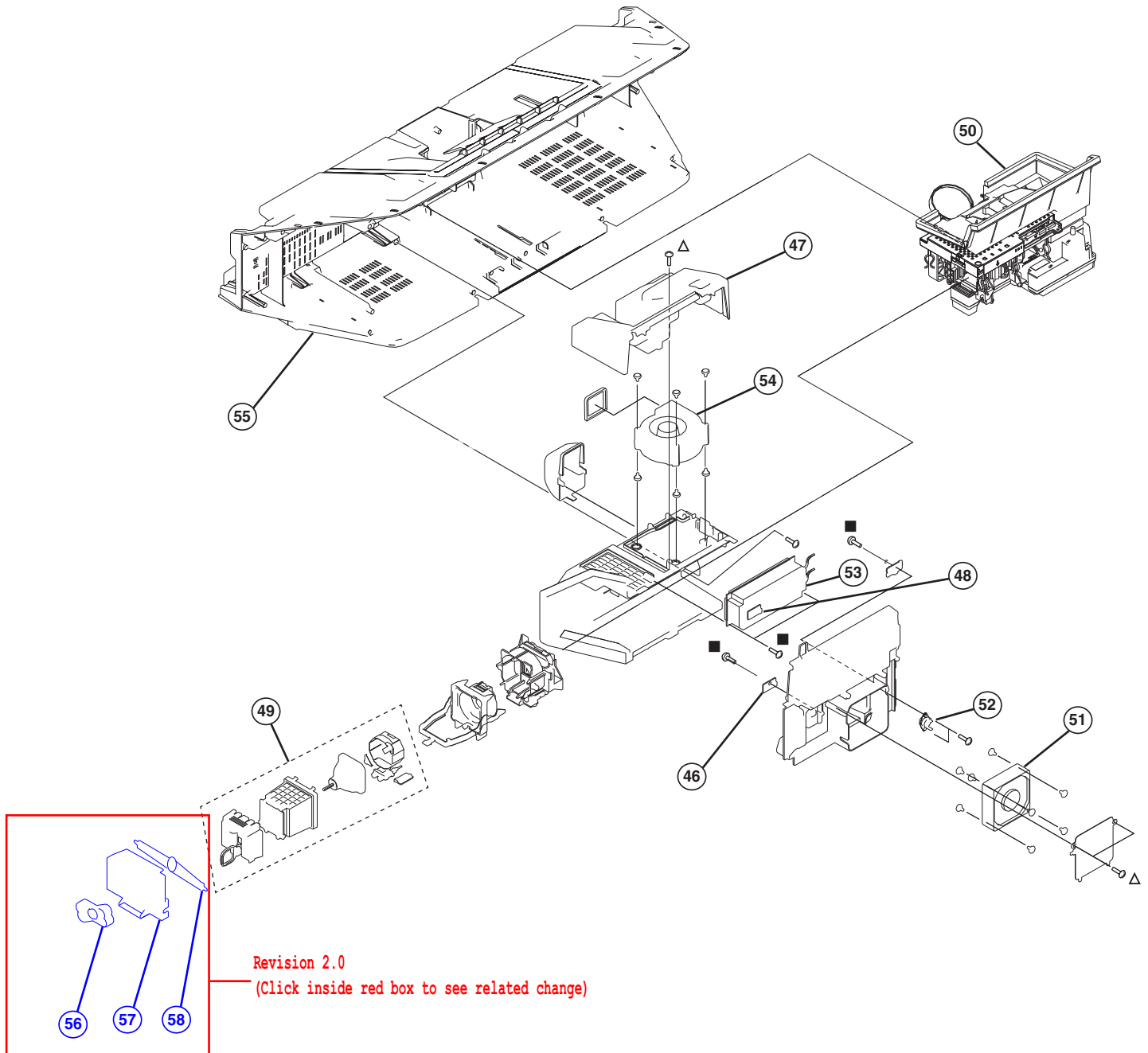


REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
21	△ 1-823-715-21	CORD, POWER		28	*A-1151-409-B	N COMPLETE LE4B (ZAPPING)	
22	3-701-810-72	SCREW, TERMINAL		29	*2-593-078-21	BRACKET, G	
23	4-065-070-01	HOLDER, AC CORD		30	*2-595-154-02	SHEILD (UPPER A), HDMI	
24	X-2067-113-2	BLOCK, ADJUSTER ASSY		31	*2-632-907-01	BRACKET HDMI	
25	*A-1115-078-C	P BOARD COMPLETE		32	*2-637-134-11	BRACKET, TERMINAL	
26	*A-1151-514-A	AG COMPLETE DIG ZAPPING		33	*2-637-135-02	BRACKET F	
27	*A-1129-435-A	JB WAX COMPLETE DIG		34	*A-1087-559-A	C BOARD COMPLETE	

6-3. LAMP DUCT ASSEMBLY, OPTICS UNIT BLOCK

- : 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- △ : 7-685-663-79 SCREW +BVTP 4X16 TYPE2 IT-3

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
46	*A-1122-463-A	T1 MOUNT		53	△ 1-468-936-11	POWER SUPPLY BLOCK	
47	*2-590-723-21	COVER, SIROCCO FAN		54	△ 1-787-231-11	D.C. FAN (SIROCCO)	
48	*A-1127-037-A	T2 MOUNT		55	2-630-699-11	CABINET, BOTTOM (E42A12U)	
49	A-1127-024-A	LAMP BLOCK ASSY			2-630-699-01	CABINET, BOTTOM (E50A12U)	
50	A-1134-461-A	OPTICS UNIT BLOCK ASSY (E50A10E/E50A10U)		56	2-590-737-21	KNOB, DOOR	Revision 2.0
51	△ 1-787-373-11	D.C. FAN		57	2-590-735-11	DOOR, LAMP	(Click inside red box to see related change)
52	1-576-912-11	THERMOSTAT		58	2-590-736-11	LEVER, LOCK	

SECTION 7 ELECTRICAL PARTS LIST

PARTS LISTING TABLE OF CONTENTS

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Note: The P Board Schematic Diagram, Printed Wiring Board and Parts List are not indicated in this manual as the PWB is regarded as a non service item for exchange only.

Note : Items marked “ * ” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
* A-1122-463-A T1 BOARD COMPLETE							
		< CONNECTOR >					
CN4306	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P		C2519	1-164-505-11	CERAMIC CHIP 2.2UF	16V
		< SWITCH >		C2520	1-128-992-21	ELECT CHIP 47UF	20% 25V
S4320	1-786-591-11	SWITCH, MICRO		C2521	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2522	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2523	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2524	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2527	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2529	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2530	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2531	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2551	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2552	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2553	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2554	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2555	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2556	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2557	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2558	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2601	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2602	1-117-370-11	CERAMIC CHIP 10UF	10V
				C2603	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2605	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2606	1-164-505-11	CERAMIC CHIP 2.2UF	16V
				C2607	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2609	1-117-370-11	CERAMIC CHIP 10UF	10V
				C2610	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2612	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2613	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2615	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2616	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
				C2617	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2618	1-164-505-11	CERAMIC CHIP 2.2UF	16V
				C2619	1-164-505-11	CERAMIC CHIP 2.2UF	16V
				C2620	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
				C2621	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2622	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2623	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2624	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2625	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2626	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2627	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
				C2628	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2629	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2630	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2631	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2632	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2651	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2652	1-164-156-11	CERAMIC CHIP 0.1UF	25V
				C2653	1-128-992-21	ELECT CHIP 47UF	20% 25V
				C2654	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1322	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V				
C1350	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1351	1-128-992-21	ELECT CHIP 47UF	20% 25V				
C1366	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1375	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1376	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V				
C1377	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1378	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V				
C1379	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1380	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1381	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1382	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				
C1383	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				
C1390	1-128-992-21	ELECT CHIP 47UF	20% 25V				
C1398	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C1399	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V				
C2046	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2047	1-164-505-11	CERAMIC CHIP 2.2UF	16V				
C2048	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2049	1-117-370-11	CERAMIC CHIP 10UF	10V				
C2050	1-164-505-11	CERAMIC CHIP 2.2UF	16V				
C2052	1-117-370-11	CERAMIC CHIP 10UF	10V				
C2072	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2501	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2502	1-117-370-11	CERAMIC CHIP 10UF	10V				
C2503	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2505	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2506	1-164-505-11	CERAMIC CHIP 2.2UF	16V				
C2507	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2509	1-117-370-11	CERAMIC CHIP 10UF	10V				
C2510	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2512	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2513	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2514	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2515	1-128-992-21	ELECT CHIP 47UF	20% 25V				
C2516	1-128-992-21	ELECT CHIP 47UF	20% 25V				
C2517	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C2518	1-164-505-11	CERAMIC CHIP 2.2UF	16V				

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C2655	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C2801	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2656	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C2802	1-128-992-21	ELECT CHIP 47UF	20% 25V
C2657	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C2804	1-128-992-21	ELECT CHIP 47UF	20% 25V
C2658	1-128-992-21	ELECT CHIP 47UF	20% 25V	C2836	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V
C2659	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C2837	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V
C2661	1-128-992-21	ELECT CHIP 47UF	20% 25V	C2838	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V
C2662	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C2839	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V
C2663	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3011	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2664	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3013	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2665	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3017	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2666	1-128-992-21	ELECT CHIP 47UF	20% 25V	C3018	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2678	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3019	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2679	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3021	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2681	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3025	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2682	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3026	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2684	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3027	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2685	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3029	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2694	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3033	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2697	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3034	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2698	1-100-159-91	CERAMIC CHIP 22UF	10% 6.3V	C3035	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2699	1-165-884-91	CERAMIC CHIP 2.2UF	10% 6.3V	C3037	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2700	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3056	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2701	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3057	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2702	1-117-370-11	CERAMIC CHIP 10UF	10V	C3061	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2703	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3062	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2705	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3101	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2706	1-164-505-11	CERAMIC CHIP 2.2UF	16V	C3102	1-115-156-11	CERAMIC CHIP 1UF	10V
C2707	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3103	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2709	1-117-370-11	CERAMIC CHIP 10UF	10V	C3104	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2710	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3105	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2712	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3106	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2713	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3201	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2715	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3202	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2716	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C3203	1-165-989-11	CERAMIC CHIP 10UF	10% 6.3V
C2717	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3204	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2718	1-164-505-11	CERAMIC CHIP 2.2UF	16V	C3205	1-165-989-11	CERAMIC CHIP 10UF	10% 6.3V
C2719	1-164-505-11	CERAMIC CHIP 2.2UF	16V	C3206	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2720	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C3207	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2721	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3208	1-165-989-11	CERAMIC CHIP 10UF	10% 6.3V
C2722	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3209	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2723	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3210	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2724	1-164-156-11	CERAMIC CHIP 0.1UF	25V	< CONNECTOR >			
C2725	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN1306	* 1-691-591-11	PIN, CONNECTOR (1.5MM) (SMD) 8P	
C2726	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN2551	* 1-818-761-11	FFC/FPC CONNECTOR (ZIF) 32P	
C2727	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	CN2601	* 1-818-761-11	FFC/FPC CONNECTOR (ZIF) 32P	
C2728	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN2651	* 1-818-761-11	FFC/FPC CONNECTOR (ZIF) 32P	
C2729	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN3002	* 1-760-388-11	CONNECTOR PIN (SMD) 9P	
C2730	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN3004	* 1-695-223-21	PIN, CONNECTOR (SMD) 10P	
C2731	1-165-884-91	CERAMIC CHIP 2.2UF	10% 6.3V				
C2732	1-165-989-11	CERAMIC CHIP 10UF	10% 6.3V				

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
CN3200	* 1-819-817-11	CONNECTOR (RECEPTACLE)	14P	IC3200	6-701-870-01	IC THC63LVDF84B-T	
CN3201	1-694-981-21	EARTH TERMINAL (SMD)					
CN3202	1-694-981-21	EARTH TERMINAL (SMD)				< JUMPER RESISTOR >	
		< DIODE >		JR3000	1-216-864-11	SHORT CHIP	0
D1320	8-719-069-55	DIODE UDZSTE-175.6B		JR3001	1-216-864-11	SHORT CHIP	0
D1321	6-500-697-01	DIODE UDZSTE-173.3B		JR3002	1-216-864-11	SHORT CHIP	0
		< FERRITE BEAD >		JR3003	1-216-864-11	SHORT CHIP	0
FB2010	1-414-921-11	FERRITE	0UH	JR3004	1-216-864-11	SHORT CHIP	0
FB2012	1-414-921-11	FERRITE	0UH	JR3005	1-216-864-11	SHORT CHIP	0
FB2501	1-414-921-11	FERRITE	0UH	JR3006	1-216-864-11	SHORT CHIP	0
FB2502	1-414-921-11	FERRITE	0UH	JR3007	1-216-864-11	SHORT CHIP	0
FB2504	1-414-921-11	FERRITE	0UH	JR3008	1-216-864-11	SHORT CHIP	0
FB2505	1-414-921-11	FERRITE	0UH	JR3009	1-216-864-11	SHORT CHIP	0
FB2506	1-414-921-11	FERRITE	0UH	JR3010	1-216-864-11	SHORT CHIP	0
FB2601	1-414-921-11	FERRITE	0UH	JR3011	1-216-864-11	SHORT CHIP	0
FB2602	1-414-921-11	FERRITE	0UH	JR3012	1-216-864-11	SHORT CHIP	0
FB2603	1-414-921-11	FERRITE	0UH	JR3013	1-216-864-11	SHORT CHIP	0
FB2604	1-414-921-11	FERRITE	0UH	JR3014	1-216-864-11	SHORT CHIP	0
FB2651	1-414-921-11	FERRITE	0UH	JR3015	1-216-864-11	SHORT CHIP	0
FB2653	1-414-921-11	FERRITE	0UH			< COIL >	
FB2654	1-414-921-11	FERRITE	0UH	L1300	1-414-754-11	INDUCTOR	10UH
FB2701	1-414-921-11	FERRITE	0UH	L1310	1-414-754-11	INDUCTOR	10UH
FB2702	1-414-921-11	FERRITE	0UH	L2004	1-414-754-11	INDUCTOR	10UH
FB2704	1-414-921-11	FERRITE	0UH	L2501	1-414-754-11	INDUCTOR	10UH
FB3201	1-414-921-11	FERRITE	0UH	L2502	1-414-754-11	INDUCTOR	10UH
FB3202	1-414-921-11	FERRITE	0UH	L2504	1-414-754-11	INDUCTOR	10UH
FB3203	1-414-921-11	FERRITE	0UH	L2505	1-414-754-11	INDUCTOR	10UH
		< FILTER >		L2506	1-414-754-11	INDUCTOR	10UH
FL3001	1-233-830-11	FERRITE	37UH	L2601	1-414-754-11	INDUCTOR	10UH
FL3003	1-233-830-11	FERRITE	37UH	L2602	1-414-754-11	INDUCTOR	10UH
FL3007	1-233-830-11	FERRITE	37UH	L2603	1-414-754-11	INDUCTOR	10UH
FL3008	1-233-830-11	FERRITE	37UH	L2604	1-414-754-11	INDUCTOR	10UH
		< IC >		L2605	1-414-754-11	INDUCTOR	10UH
IC1300	8-759-369-73	IC NJM4556AM		L2606	1-469-549-21	INDUCTOR	1UH
IC1301	8-759-701-01	IC NJM2904M		L2607	1-469-549-21	INDUCTOR	1UH
IC1302	8-759-701-01	IC NJM2904M		L2651	1-414-754-11	INDUCTOR	10UH
IC2006	8-759-490-41	IC TC74VHCT541AFT(EL)		L2652	1-414-754-11	INDUCTOR	10UH
IC2007	8-759-490-41	IC TC74VHCT541AFT(EL)		L2701	1-414-754-11	INDUCTOR	10UH
IC2009	8-759-476-80	IC LM75CIMX-3		L2702	1-414-754-11	INDUCTOR	10UH
IC2501	8-752-106-13	IC CXA7001R-T6		L2704	1-414-754-11	INDUCTOR	10UH
IC2601	8-752-106-13	IC CXA7001R-T6		L3001	1-409-556-11	INDUCTOR	47UH
IC2614	6-706-960-01	IC CXD9809GF		L3004	1-409-556-11	INDUCTOR	47UH
IC2701	8-752-106-13	IC CXA7001R-T6		L3011	1-409-556-11	INDUCTOR	47UH
IC2801	8-759-388-31	IC PQ20VZ1UJ00H		L3012	1-409-556-11	INDUCTOR	47UH
IC3101	6-703-695-01	IC S-80827CNMC-B8MT2G		L3101	1-412-029-11	INDUCTOR	10UH
IC3102	6-700-319-01	IC M24128-BWMN6T		L3201	1-456-583-11	INDUCTOR	0UH
				L3202	1-456-583-11	INDUCTOR	0UH
				L3203	1-456-583-11	INDUCTOR	0UH

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
L3204	1-456-583-11	INDUCTOR	0UH	R1398	1-216-864-11	SHORT CHIP	0
L3205	1-456-583-11	INDUCTOR	0UH	R1399	1-216-864-11	SHORT CHIP	0
< TRANSISTOR >				R2059	1-216-864-11	SHORT CHIP	0
Q1300	8-729-010-29	TRANSISTOR MSD601-RST1		R2060	1-216-809-11	METAL CHIP	100 5% 1/10W
Q2502	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2061	1-216-809-11	METAL CHIP	100 5% 1/10W
Q2504	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2062	1-216-809-11	METAL CHIP	100 5% 1/10W
Q2602	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2063	1-216-864-11	SHORT CHIP	0
Q2604	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2064	1-216-797-11	METAL CHIP	10 5% 1/10W
Q2606	8-729-027-43	TRANSISTOR DTC114EKA-T146		R2065	1-216-797-11	METAL CHIP	10 5% 1/10W
Q2702	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2066	1-216-797-11	METAL CHIP	10 5% 1/10W
Q2704	8-729-013-28	TRANSISTOR HN1B01FU-TE85R		R2067	1-216-797-11	METAL CHIP	10 5% 1/10W
Q3101	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R2073	1-216-805-11	METAL CHIP	47 5% 1/10W
Q3102	8-729-027-23	TRANSISTOR DTA114EKA-T146		R2074	1-216-805-11	METAL CHIP	47 5% 1/10W
< RESISTOR >				R2077	1-216-864-11	SHORT CHIP	0
R1300	1-216-809-11	METAL CHIP	100 5% 1/10W	R2078	1-216-864-11	SHORT CHIP	0
R1301	1-216-864-11	SHORT CHIP	0	R2079	1-216-864-11	SHORT CHIP	0
R1302	1-216-864-11	SHORT CHIP	0	R2094	1-216-797-11	METAL CHIP	10 5% 1/10W
R1303	1-216-864-11	SHORT CHIP	0	R2095	1-216-797-11	METAL CHIP	10 5% 1/10W
R1304	1-216-864-11	SHORT CHIP	0	R2501	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1305	1-216-809-11	METAL CHIP	100 5% 1/10W	R2502	1-216-864-11	SHORT CHIP	0
R1334	1-216-864-11	SHORT CHIP	0	R2503	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1336	1-216-797-11	METAL CHIP	10 5% 1/10W	R2504	1-216-813-11	METAL CHIP	220 5% 1/10W
R1337	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2505	1-216-805-11	METAL CHIP	47 5% 1/10W
R1338	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2506	1-216-805-11	METAL CHIP	47 5% 1/10W
R1339	1-218-845-11	METAL CHIP	820 0.5% 1/10W	R2507	1-216-864-11	SHORT CHIP	0
R1344	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2508	1-216-864-11	SHORT CHIP	0
R1348	1-216-817-11	METAL CHIP	470 5% 1/10W	R2509	1-216-864-11	SHORT CHIP	0
R1350	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2511	1-216-864-11	SHORT CHIP	0
R1352	1-216-837-11	METAL CHIP	22K 5% 1/10W	R2512	1-216-864-11	SHORT CHIP	0
R1353	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2513	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W
R1354	1-216-864-11	SHORT CHIP	0	R2514	1-218-845-11	METAL CHIP	820 0.5% 1/10W
R1355	1-216-819-11	METAL CHIP	680 5% 1/10W	R2516	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R1356	1-216-830-11	METAL CHIP	5.6K 5% 1/10W	R2517	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R1358	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R2519	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
R1359	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R2520	1-216-864-11	SHORT CHIP	0
R1361	1-216-845-11	METAL CHIP	100K 5% 1/10W	R2521	1-216-864-11	SHORT CHIP	0
R1363	1-216-841-11	METAL CHIP	47K 5% 1/10W	R2523	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1365	1-218-897-11	METAL CHIP	120K 0.5% 1/10W	R2524	1-216-864-11	SHORT CHIP	0
R1366	1-218-879-11	METAL CHIP	22K 0.5% 1/10W	R2525	1-216-864-11	SHORT CHIP	0
R1367	1-218-895-11	METAL CHIP	100K 0.5% 1/10W	R2526	1-216-864-11	SHORT CHIP	0
R1368	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R2529	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1369	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R2537	1-216-804-11	METAL CHIP	39 5% 1/10W
R1370	1-216-849-11	METAL CHIP	220K 5% 1/10W	R2538	1-216-804-11	METAL CHIP	39 5% 1/10W
R1371	1-216-833-11	METAL CHIP	10K 5% 1/10W	R2541	1-216-797-11	METAL CHIP	10 5% 1/10W
R1372	1-216-841-11	METAL CHIP	47K 5% 1/10W	R2543	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R1373	1-216-839-11	METAL CHIP	33K 5% 1/10W	R2545	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R1374	1-216-841-11	METAL CHIP	47K 5% 1/10W	R2548	1-216-789-11	METAL CHIP	2.2 5% 1/10W
R1387	1-216-841-11	METAL CHIP	47K 5% 1/10W	R2549	1-216-789-11	METAL CHIP	2.2 5% 1/10W
				R2553	1-216-797-11	METAL CHIP	10 5% 1/10W
				R2601	1-216-833-11	METAL CHIP	10K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R2602	1-216-864-11	SHORT CHIP	0			R2713	1-218-845-11	METAL CHIP	820	0.5%	1/10W
R2603	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2715	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R2604	1-216-813-11	METAL CHIP	220	5%	1/10W	R2716	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R2605	1-216-864-11	SHORT CHIP	0			R2717	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R2606	1-216-805-11	METAL CHIP	47	5%	1/10W	R2718	1-216-864-11	SHORT CHIP	0		
R2607	1-216-805-11	METAL CHIP	47	5%	1/10W	R2719	1-216-864-11	SHORT CHIP	0		
R2608	1-216-864-11	SHORT CHIP	0			R2722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2610	1-216-864-11	SHORT CHIP	0			R2723	1-216-864-11	SHORT CHIP	0		
R2612	1-216-864-11	SHORT CHIP	0			R2724	1-216-864-11	SHORT CHIP	0		
R2613	1-216-864-11	SHORT CHIP	0			R2725	1-216-864-11	SHORT CHIP	0		
R2614	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R2728	1-216-804-11	METAL CHIP	39	5%	1/10W
R2615	1-218-845-11	METAL CHIP	820	0.5%	1/10W	R2729	1-216-804-11	METAL CHIP	39	5%	1/10W
R2617	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R2730	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2618	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R2731	1-216-801-11	METAL CHIP	22	5%	1/10W
R2619	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R2732	1-216-805-11	METAL CHIP	47	5%	1/10W
R2620	1-216-864-11	SHORT CHIP	0			R2733	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R2621	1-216-864-11	SHORT CHIP	0			R2734	1-216-805-11	METAL CHIP	47	5%	1/10W
R2624	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2735	1-216-805-11	METAL CHIP	47	5%	1/10W
R2625	1-216-864-11	SHORT CHIP	0			R2736	1-216-805-11	METAL CHIP	47	5%	1/10W
R2626	1-216-864-11	SHORT CHIP	0			R2737	1-216-805-11	METAL CHIP	47	5%	1/10W
R2627	1-216-864-11	SHORT CHIP	0			R2738	1-216-864-11	SHORT CHIP	0		
R2630	1-216-864-11	SHORT CHIP	0			R2739	1-216-805-11	METAL CHIP	47	5%	1/10W
R2631	1-216-864-11	SHORT CHIP	0			R2740	1-216-797-11	METAL CHIP	10	5%	1/10W
R2632	1-216-864-11	SHORT CHIP	0			R2741	1-216-864-11	SHORT CHIP	0		
R2633	1-216-804-11	METAL CHIP	39	5%	1/10W	R2742	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2634	1-216-804-11	METAL CHIP	39	5%	1/10W	R2743	1-216-805-11	METAL CHIP	47	5%	1/10W
R2635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R2744	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2636	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R2745	1-216-809-11	METAL CHIP	100	5%	1/10W
R2638	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R2746	1-216-809-11	METAL CHIP	100	5%	1/10W
R2642	1-216-797-11	METAL CHIP	10	5%	1/10W	R2747	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R2644	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R2748	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R2646	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R2749	1-216-809-11	METAL CHIP	100	5%	1/10W
R2649	1-216-789-11	METAL CHIP	2.2	5%	1/10W	R2750	1-216-797-11	METAL CHIP	10	5%	1/10W
R2650	1-216-789-11	METAL CHIP	2.2	5%	1/10W	R2751	1-216-813-11	METAL CHIP	220	5%	1/10W
R2656	1-216-797-11	METAL CHIP	10	5%	1/10W	R2752	1-216-809-11	METAL CHIP	100	5%	1/10W
R2665	1-216-864-11	SHORT CHIP	0			R2753	1-216-809-11	METAL CHIP	100	5%	1/10W
R2668	1-216-864-11	SHORT CHIP	0			R2754	1-216-864-11	SHORT CHIP	0		
R2674	1-216-864-11	SHORT CHIP	0			R2801	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R2677	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2802	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R2701	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2803	1-216-864-11	SHORT CHIP	0		
R2702	1-216-864-11	SHORT CHIP	0			R3017	1-216-864-11	SHORT CHIP	0		
R2703	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3019	1-216-864-11	SHORT CHIP	0		
R2704	1-216-805-11	METAL CHIP	47	5%	1/10W	R3026	1-216-864-11	SHORT CHIP	0		
R2705	1-216-805-11	METAL CHIP	47	5%	1/10W	R3027	1-216-864-11	SHORT CHIP	0		
R2706	1-216-864-11	SHORT CHIP	0			R3101	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2707	1-216-864-11	SHORT CHIP	0			R3102	1-216-819-11	METAL CHIP	680	5%	1/10W
R2708	1-216-864-11	SHORT CHIP	0			R3104	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2710	1-216-864-11	SHORT CHIP	0			R3106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2711	1-216-864-11	SHORT CHIP	0			R3107	1-216-805-11	METAL CHIP	47	5%	1/10W
R2712	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R3109	1-216-833-11	METAL CHIP	10K	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R3110	1-216-833-11	METAL CHIP 10K 5%	1/10W
R3111	1-216-805-11	METAL CHIP 47 5%	1/10W
R3113	1-216-833-11	METAL CHIP 10K 5%	1/10W
R3176	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R3200	1-218-668-11	METAL CHIP 100 0.5%	1/10W
R3201	1-218-668-11	METAL CHIP 100 0.5%	1/10W
R3202	1-218-668-11	METAL CHIP 100 0.5%	1/10W
R3203	1-216-801-11	METAL CHIP 22 5%	1/10W
R3204	1-218-668-11	METAL CHIP 100 0.5%	1/10W
R3205	1-218-668-11	METAL CHIP 100 0.5%	1/10W
R3206	1-216-801-11	METAL CHIP 22 5%	1/10W
R3207	1-216-845-11	METAL CHIP 100K 5%	1/10W
R3208	1-216-805-11	METAL CHIP 47 5%	1/10W
< RESISTOR CHIP >			
RB2013	1-233-796-11	RES, NETWORK	(1608)
RB2501	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2502	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2503	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2553	1-233-782-91	RES, NETWORK 10	(1608)
RB2601	1-233-782-91	RES, NETWORK 10	(1608)
RB2602	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2603	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2604	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2629	1-233-785-91	RES, NETWORK 100	(1608)
RB2630	1-233-785-91	RES, NETWORK 100	(1608)
RB2631	1-233-785-91	RES, NETWORK 100	(1608)
RB2633	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2634	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2635	1-233-785-91	RES, NETWORK 100	(1608)
RB2636	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2637	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2640	1-233-785-91	RES, NETWORK 100	(1608)
RB2641	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2642	1-234-372-21	RES, NETWORK 100	(1005X4)
RB2653	1-233-782-91	RES, NETWORK 10	(1608)
RB2701	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2702	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB2703	1-233-574-11	RES, CHIP NETWORK 10	(3216)
RB3102	1-233-784-91	RES, NETWORK 47	(1608)
RB3104	1-233-789-11	RES, NETWORK 10K	(1608)
RB3201	1-233-575-11	RES, CHIP NETWORK 22	(3216)
RB3202	1-233-575-11	RES, CHIP NETWORK 22	(3216)
RB3203	1-233-575-11	RES, CHIP NETWORK 22	(3216)
RB3204	1-233-575-11	RES, CHIP NETWORK 22	(3216)
RB3205	1-233-575-11	RES, CHIP NETWORK 22	(3216)
RB3206	1-233-796-11	RES, NETWORK	(1608)
RB3207	1-233-796-11	RES, NETWORK	(1608)
RB3208	1-233-796-11	RES, NETWORK	(1608)
RB3209	1-233-575-11	RES, CHIP NETWORK 22	(3216)

REF.NO.	PART NO.	DESCRIPTION	REMARK
* A-1127-037-A T2 BOARD COMPLETE			
< CONNECTOR >			
CN4340	* 1-564-518-11	PLUG, CONNECTOR 3P	
< SWITCH >			
S4340	1-786-591-11	SWITCH, MICRO	
* A-1107-972-A H3 BOARD COMPLETE			
A9001	* 4-042-408-02	PIN(45), WIRE	
< CAPACITOR >			
C3856	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3857	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4300	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C4301	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4303	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4305	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C4307	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C4309	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
< CONNECTOR >			
CN4300	1-784-828-11	CONNECTOR, D SUB	
CN4301	1-564-509-11	PLUG, CONNECTOR 6P	
CN4302	1-764-334-11	PIN, CONNECTOR(PCB) (V TYPE)11P	
CN4303	* 1-816-979-51	PLUG, CONNECTOR 8P	
CN4304	1-565-666-12	TERMINAL, S 4P	
CN4305	* 1-564-507-11	PLUG, CONNECTOR 4P	
< DIODE >			
D4300	8-719-069-55	DIODE UDZSTE-175.6B	
D4301	8-719-016-73	DIODE STZ6.8T	
D4302	8-719-016-73	DIODE STZ6.8T	
D4303	8-719-016-73	DIODE STZ6.8T	
D4304	8-719-016-73	DIODE STZ6.8T	
D4305	8-719-016-73	DIODE STZ6.8T	
D4306	8-719-016-73	DIODE STZ6.8T	
D4307	8-719-069-55	DIODE UDZSTE-175.6B	
D4308	8-719-069-55	DIODE UDZSTE-175.6B	
D4309	8-719-069-55	DIODE UDZSTE-175.6B	
D4310	8-719-069-55	DIODE UDZSTE-175.6B	
D4311	8-719-069-55	DIODE UDZSTE-175.6B	
D4312	8-719-069-55	DIODE UDZSTE-175.6B	
D4313	8-719-069-55	DIODE UDZSTE-175.6B	
< FERRITE BEAD >			
FB4300	1-414-813-11	FERRITE	0UH

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
< FILTER >				< VARISTOR >			
FL4300	1-239-897-22	FERRITE	0UH	VDR4300	1-803-974-21	VARISTOR, CHIP	(1608)
FL4301	1-239-897-22	FERRITE	0UH	VDR4301	1-803-974-21	VARISTOR, CHIP	(1608)
FL4302	1-239-897-22	FERRITE	0UH	* A-1129-435-A JB_WAX COMPLETE DIG			
< IC >				* 2-109-150-01	SHEET, RADIATION		
IC4300	8-759-661-55	IC ST24FC21M6TR		4-087-203-01	PLASTIC RIVET		
< SOCKET >				< CAPACITOR >			
J4300	1-580-443-11	JACK, PIN 3P		C1000	1-164-156-11	CERAMIC CHIP 0.1UF	25V
J4301	1-566-822-21	JACK		C1001	1-164-156-11	CERAMIC CHIP 0.1UF	25V
J4302	1-568-267-11	JACK		C1002	1-164-156-11	CERAMIC CHIP 0.1UF	25V
< COIL >				C1003	1-164-156-11	CERAMIC CHIP 0.1UF	25V
L4301	1-414-189-31	INDUCTOR	100UH	C1004	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
L4302	1-414-189-31	INDUCTOR	100UH	C1005	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
L4303	1-410-985-42	INDUCTOR	0.22UH	C1006	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
< TRANSISTOR >				C1007	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
Q4300	8-729-010-05	TRANSISTOR MSB709-RT1		C1008	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
< RESISTOR >				C1009	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3881	1-216-853-11	METAL CHIP	470K 5% 1/10W	C1010	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3883	1-216-853-11	METAL CHIP	470K 5% 1/10W	C1011	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3889	1-216-864-11	SHORT CHIP	0	C1012	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3890	1-216-864-11	SHORT CHIP	0	C1014	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3891	1-216-864-11	SHORT CHIP	0	C1015	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R3892	1-216-864-11	SHORT CHIP	0	C1016	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
R3893	1-216-864-11	SHORT CHIP	0	C1017	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R4300	1-216-835-11	METAL CHIP	15K 5% 1/10W	C1018	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
R4301	1-216-805-11	METAL CHIP	47 5% 1/10W	C1019	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
R4302	1-216-835-11	METAL CHIP	15K 5% 1/10W	C1020	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R4303	1-216-805-11	METAL CHIP	47 5% 1/10W	C1021	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
R4304	1-216-813-11	METAL CHIP	220 5% 1/10W	C1022	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
R4305	1-216-805-11	METAL CHIP	47 5% 1/10W	C1023	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R4307	1-216-849-11	METAL CHIP	220K 5% 1/10W	C1024	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
R4308	1-216-849-11	METAL CHIP	220K 5% 1/10W	C1028	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R4312	1-216-864-11	SHORT CHIP	0	C1029	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R4313	1-216-864-11	SHORT CHIP	0	C1032	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
R4314	1-216-805-11	METAL CHIP	47 5% 1/10W	C1037	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
R4315	1-216-805-11	METAL CHIP	47 5% 1/10W	C1050	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
R4316	1-216-864-11	SHORT CHIP	0	C2500	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R4317	1-216-821-11	METAL CHIP	1K 5% 1/10W	C2501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R4318	1-216-845-11	METAL CHIP	100K 5% 1/10W	C2502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R4321	1-216-864-11	SHORT CHIP	0	C2504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R4322	1-216-864-11	SHORT CHIP	0	C2505	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
R4323	1-216-864-11	SHORT CHIP	0	C2506	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
				C2507	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C2508	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C2509	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
				C2510	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
				C2511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C2516	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5021	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2517	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C5022	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2518	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V	C5024	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2519	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5026	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2520	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2521	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5028	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2522	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5029	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2523	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5030	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2524	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5031	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2526	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5032	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2527	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5033	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2528	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5034	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2529	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C5035	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2530	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5036	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2531	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5037	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2532	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5038	1-162-918-11	CERAMIC CHIP 18PF	5.00% 50V
C2533	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5039	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2534	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5040	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2535	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5041	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5042	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2537	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5043	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2543	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5044	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C2550	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5045	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2551	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5046	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2552	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5047	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2553	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5048	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2554	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5049	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2555	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5050	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2558	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5051	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2559	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5052	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2560	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C5058	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2591	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5059	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2603	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5060	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5000	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5061	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5001	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5062	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5003	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5063	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5004	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5064	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5005	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5065	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5006	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5066	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5007	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5067	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5009	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5068	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5010	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5069	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5070	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5013	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5071	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5014	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5072	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5015	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5073	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5017	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5074	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5075	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5076	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5020	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5077	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C5078	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5079	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C5514	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5080	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C5515	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5081	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5516	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5082	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5700	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C5083	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5701	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5084	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5702	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5085	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5703	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5086	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5704	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5087	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5705	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5088	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5706	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5089	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5707	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C5090	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5709	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C5091	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5720	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5092	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5721	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5093	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5722	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5094	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5723	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5095	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5724	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5096	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5725	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5097	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5726	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5100	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5727	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5101	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5728	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5102	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5729	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5103	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5730	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5104	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5731	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5105	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5740	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5106	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5741	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5107	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5742	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5108	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5743	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5109	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6370	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5110	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6371	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5111	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6372	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C5112	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6373	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5113	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6374	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5114	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6375	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5115	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6376	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5116	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6398	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5117	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6399	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5500	1-126-197-11	ELECT CHIP 10UF	20.00% 50V	C6500	1-164-346-11	CERAMIC CHIP 1UF	16V
C5501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C6501	1-164-346-11	CERAMIC CHIP 1UF	16V
C5502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7590	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5503	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C7591	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7800	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5505	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C7815	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5507	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7817	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C5508	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7818	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C5509	1-126-197-11	ELECT CHIP 10UF	20.00% 50V	C7819	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C5510	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7821	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C5511	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7822	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C5512	1-162-974-11	CERAMIC CHIP 0.01UF	50V	C7825	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
IC5740	8-759-533-85	IC L88M05T-FA-TL		L9502	1-412-030-11	INDUCTOR	22UH
IC6309	8-759-576-76	IC TDA2822D013TR		L9510	1-412-030-11	INDUCTOR	22UH
IC7402	8-752-072-94	IC CXA1875AM-T4				< TRANSISTOR >	
IC7403	6-706-137-01	IC K6F2008V2E-LF70T00					
IC7804	6-701-031-11	IC MSP3411G-QA-B11		Q2501	8-729-010-05	TRANSISTOR	MSB709-RT1
IC8500	8-752-072-94	IC CXA1875AM-T4		Q2502	8-729-010-05	TRANSISTOR	MSB709-RT1
IC9500	8-752-089-33	IC CXA2069Q-TL		Q2503	8-729-010-05	TRANSISTOR	MSB709-RT1
		< SOCKET >		Q2504	8-729-010-05	TRANSISTOR	MSB709-RT1
J2802	1-819-255-11	PIN JACK 2P		Q2505	8-729-010-29	TRANSISTOR	MSD601-RST1
J9154	1-819-721-11	PIN JACK 5P		Q2506	8-729-029-00	TRANSISTOR	DTC115EUA-T106
		< COIL >		Q2508	8-729-029-00	TRANSISTOR	DTC115EUA-T106
L1000	1-412-058-11	INDUCTOR	10UH	Q2509	8-729-010-29	TRANSISTOR	MSD601-RST1
L2500	1-412-029-11	INDUCTOR	10UH	Q2510	8-729-010-29	TRANSISTOR	MSD601-RST1
L2502	1-412-029-11	INDUCTOR	10UH	Q2513	8-729-010-29	TRANSISTOR	MSD601-RST1
L2504	1-412-029-11	INDUCTOR	10UH	Q2514	8-729-010-29	TRANSISTOR	MSD601-RST1
L2506	1-412-029-11	INDUCTOR	10UH	Q2601	8-729-029-00	TRANSISTOR	DTC115EUA-T106
L2507	1-412-029-11	INDUCTOR	10UH	Q3878	8-729-010-29	TRANSISTOR	MSD601-RST1
L2508	1-412-029-11	INDUCTOR	10UH	Q3880	8-729-010-05	TRANSISTOR	MSB709-RT1
L2509	1-412-029-11	INDUCTOR	10UH	Q3881	8-729-010-29	TRANSISTOR	MSD601-RST1
L2510	1-412-029-11	INDUCTOR	10UH	Q5700	8-729-046-04	TRANSISTOR	FDS6690A
L5000	1-414-394-11	INDUCTOR	2.2UH	Q7412	8-729-028-28	TRANSISTOR	2SK2036 (TE85L)
L5001	1-414-394-11	INDUCTOR	2.2UH	Q7416	8-729-010-05	TRANSISTOR	MSB709-RT1
L5002	1-414-394-11	INDUCTOR	2.2UH	Q7800	8-729-010-29	TRANSISTOR	MSD601-RST1
L5003	1-414-394-11	INDUCTOR	2.2UH	Q7801	8-729-010-29	TRANSISTOR	MSD601-RST1
L5004	1-400-179-21	INDUCTOR	0UH	Q7802	8-729-010-29	TRANSISTOR	MSD601-RST1
L5005	1-400-179-21	INDUCTOR	0UH	Q7803	8-729-010-29	TRANSISTOR	MSD601-RST1
L5006	1-216-801-11	METAL CHIP	22 5% 1/10W	Q7806	8-729-010-29	TRANSISTOR	MSD601-RST1
L5007	1-216-801-11	METAL CHIP	22 5% 1/10W	Q7810	8-729-010-29	TRANSISTOR	MSD601-RST1
L5008	1-456-984-11	INDUCTOR	0UH	Q7811	8-729-010-05	TRANSISTOR	MSB709-RT1
L5009	1-456-984-11	INDUCTOR	0UH	Q8490	8-729-010-29	TRANSISTOR	MSD601-RST1
L5010	1-400-179-21	INDUCTOR	0UH	Q9500	8-729-010-29	TRANSISTOR	MSD601-RST1
L5012	1-456-984-11	INDUCTOR	0UH	Q9510	8-729-927-99	TRANSISTOR	2SC4617R
L5013	1-456-984-11	INDUCTOR	0UH	Q9511	8-729-927-99	TRANSISTOR	2SC4617R
L5014	1-456-984-11	INDUCTOR	0UH	Q9512	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L5015	1-400-179-21	INDUCTOR	0UH	Q9514	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L5700	1-409-529-41	INDUCTOR	10UH	Q9515	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L5701	1-456-786-21	INDUCTOR	47UH	Q9516	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L5702	1-456-786-21	INDUCTOR	47UH	Q9601	8-729-010-29	TRANSISTOR	MSD601-RST1
L5729	1-400-784-21	INDUCTOR	4.7UH	Q9602	6-550-014-01	TRANSISTOR	SSM6N15FU (TE85R)
L6308	1-412-026-11	INDUCTOR	1UH	Q9603	8-729-010-05	TRANSISTOR	MSB709-RT1
L6316	1-412-029-11	INDUCTOR	10UH	Q9604	8-729-421-19	TRANSISTOR	UN2213
L6317	1-412-029-11	INDUCTOR	10UH	Q9605	8-729-010-29	TRANSISTOR	MSD601-RST1
L7803	1-412-029-11	INDUCTOR	10UH	Q9606	8-729-028-28	TRANSISTOR	2SK2036 (TE85L)
L7805	1-412-990-41	INDUCTOR	8.2UH	Q9607	8-729-028-28	TRANSISTOR	2SK2036 (TE85L)
L7806	1-412-029-11	INDUCTOR	10UH			< RESISTOR >	
L7807	1-412-029-11	INDUCTOR	10UH	R1001	1-216-809-11	METAL CHIP	100 5% 1/10W
L9500	1-412-029-11	INDUCTOR	10UH	R1002	1-218-990-81	SHORT CHIP	0
				R1003	1-218-990-81	SHORT CHIP	0
				R1009	1-216-829-11	METAL CHIP	4.7K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R1010	1-218-990-81	SHORT CHIP	0	R2503	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1011	1-218-990-81	SHORT CHIP	0	R2506	1-216-838-11	METAL CHIP	27K 5% 1/10W
R1012	1-218-990-81	SHORT CHIP	0	R2507	1-216-864-11	SHORT CHIP	0
R1014	1-218-990-81	SHORT CHIP	0	R2508	1-216-828-11	METAL CHIP	3.9K 5% 1/10W
R1016	1-218-990-81	SHORT CHIP	0	R2511	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1017	1-218-990-81	SHORT CHIP	0	R2512	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1018	1-218-990-81	SHORT CHIP	0	R2513	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1019	1-218-973-11	RES-CHIP	47K 5% 1/16W	R2514	1-216-864-11	SHORT CHIP	0
R1020	1-218-973-11	RES-CHIP	47K 5% 1/16W	R2515	1-216-817-11	METAL CHIP	470 5% 1/10W
R1021	1-218-973-11	RES-CHIP	47K 5% 1/16W	R2517	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1027	1-218-990-81	SHORT CHIP	0	R2518	1-216-864-11	SHORT CHIP	0
R1028	1-216-809-11	METAL CHIP	100 5% 1/10W	R2519	1-216-864-11	SHORT CHIP	0
R1030	1-216-809-11	METAL CHIP	100 5% 1/10W	R2520	1-216-864-11	SHORT CHIP	0
R1031	1-218-847-11	METAL CHIP	1K 0.5% 1/10W	R2521	1-216-864-11	SHORT CHIP	0
R1033	1-218-847-11	METAL CHIP	1K 0.5% 1/10W	R2522	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
R1034	1-218-990-81	SHORT CHIP	0	R2523	1-216-864-11	SHORT CHIP	0
R1039	1-218-929-11	RES-CHIP	10 5% 1/16W	R2524	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
R1040	1-216-809-11	METAL CHIP	100 5% 1/10W	R2528	1-216-864-11	SHORT CHIP	0
R1041	1-216-809-11	METAL CHIP	100 5% 1/10W	R2529	1-216-864-11	SHORT CHIP	0
R1042	1-218-990-81	SHORT CHIP	0	R2530	1-216-820-11	METAL CHIP	820 5% 1/10W
R1043	1-218-990-81	SHORT CHIP	0	R2531	1-216-818-11	METAL CHIP	560 5% 1/10W
R1044	1-218-990-81	SHORT CHIP	0	R2534	1-216-864-11	SHORT CHIP	0
R1045	1-218-953-11	RES-CHIP	1K 5% 1/16W	R2535	1-216-809-11	METAL CHIP	100 5% 1/10W
R1046	1-218-990-81	SHORT CHIP	0	R2537	1-216-809-11	METAL CHIP	100 5% 1/10W
R1047	1-218-990-81	SHORT CHIP	0	R2538	1-216-809-11	METAL CHIP	100 5% 1/10W
R1059	1-216-809-11	METAL CHIP	100 5% 1/10W	R2539	1-216-809-11	METAL CHIP	100 5% 1/10W
R1060	1-216-817-11	METAL CHIP	470 5% 1/10W	R2540	1-216-809-11	METAL CHIP	100 5% 1/10W
R1063	1-216-809-11	METAL CHIP	100 5% 1/10W	R2542	1-216-809-11	METAL CHIP	100 5% 1/10W
R1064	1-216-809-11	METAL CHIP	100 5% 1/10W	R2544	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1065	1-216-809-11	METAL CHIP	100 5% 1/10W	R2545	1-216-817-11	METAL CHIP	470 5% 1/10W
R1069	1-218-965-11	RES-CHIP	10K 5% 1/16W	R2546	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R1082	1-218-990-81	SHORT CHIP	0	R2547	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R1083	1-218-965-11	RES-CHIP	10K 5% 1/16W	R2548	1-216-811-11	METAL CHIP	150 5% 1/10W
R1102	1-218-990-81	SHORT CHIP	0	R2549	1-211-985-11	METAL CHIP	47 0.5% 1/10W
R1103	1-218-990-81	SHORT CHIP	0	R2556	1-216-834-11	METAL CHIP	12K 5% 1/10W
R1104	1-218-990-81	SHORT CHIP	0	R2558	1-216-864-11	SHORT CHIP	0
R1105	1-218-990-81	SHORT CHIP	0	R2559	1-216-864-11	SHORT CHIP	0
R1106	1-218-990-81	SHORT CHIP	0	R2560	1-216-864-11	SHORT CHIP	0
R1115	1-216-864-11	SHORT CHIP	0	R2561	1-216-864-11	SHORT CHIP	0
R1120	1-216-864-11	SHORT CHIP	0	R2562	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1126	1-218-941-81	RES-CHIP	100 5% 1/16W	R2563	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1127	1-216-864-11	SHORT CHIP	0	R2564	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1132	1-216-864-11	SHORT CHIP	0	R2565	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1133	1-216-864-11	SHORT CHIP	0	R2566	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1205	1-218-965-11	RES-CHIP	10K 5% 1/16W	R2567	1-216-864-11	SHORT CHIP	0
R1209	1-218-965-11	RES-CHIP	10K 5% 1/16W	R2568	1-216-864-11	SHORT CHIP	0
R1215	1-216-864-11	SHORT CHIP	0	R2569	1-216-864-11	SHORT CHIP	0
R2500	1-216-864-11	SHORT CHIP	0	R2571	1-216-864-11	SHORT CHIP	0
R2501	1-216-809-11	METAL CHIP	100 5% 1/10W	R2573	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R2502	1-216-809-11	METAL CHIP	100 5% 1/10W	R2574	1-216-829-11	METAL CHIP	4.7K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R2576	1-216-864-11	SHORT CHIP	0			R5007	1-216-864-11	SHORT CHIP	0		
R2577	1-216-864-11	SHORT CHIP	0			R5008	1-216-864-11	SHORT CHIP	0		
R2578	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5009	1-216-864-11	SHORT CHIP	0		
R2579	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5010	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2580	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5012	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2581	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5015	1-216-864-11	SHORT CHIP	0		
R2582	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5023	1-216-864-11	SHORT CHIP	0		
R2583	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5032	1-218-933-11	RES-CHIP	22	5%	1/16W
R2586	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5033	1-218-933-11	RES-CHIP	22	5%	1/16W
R2587	1-216-864-11	SHORT CHIP	0			R5034	1-218-990-81	SHORT CHIP	0		
R2588	1-216-864-11	SHORT CHIP	0			R5043	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2589	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5500	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R2590	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5501	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R2591	1-216-809-11	METAL CHIP	100	5%	1/10W	R5502	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R2592	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5503	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R2593	1-216-809-11	METAL CHIP	100	5%	1/10W	R5504	1-218-933-11	RES-CHIP	22	5%	1/16W
R2594	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5505	1-218-933-11	RES-CHIP	22	5%	1/16W
R2595	1-216-821-11	METAL CHIP	1K	5%	1/10W	R5506	1-218-933-11	RES-CHIP	22	5%	1/16W
R2596	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R5507	1-218-933-11	RES-CHIP	22	5%	1/16W
R2597	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R2598	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5509	1-218-933-11	RES-CHIP	22	5%	1/16W
R2599	1-216-809-11	METAL CHIP	100	5%	1/10W	R5510	1-218-990-81	SHORT CHIP	0		
R2600	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5511	1-218-990-81	SHORT CHIP	0		
R2601	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R2602	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R2603	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R2604	1-216-857-11	METAL CHIP	1M	5%	1/10W	R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R2605	1-216-864-11	SHORT CHIP	0			R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R2607	1-216-864-11	SHORT CHIP	0			R5700	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2608	1-216-864-11	SHORT CHIP	0			R5701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2610	1-216-864-11	SHORT CHIP	0			R5702	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2611	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2612	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5707	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2613	1-216-864-11	SHORT CHIP	0			R5710	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2615	1-216-864-11	SHORT CHIP	0			R5711	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R2616	1-216-864-11	SHORT CHIP	0			R5714	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2618	1-216-864-11	SHORT CHIP	0			R5715	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2619	1-216-864-11	SHORT CHIP	0			R5716	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2620	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5717	1-216-295-91	SHORT CHIP	0		
R2621	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5718	1-216-295-91	SHORT CHIP	0		
R2622	1-216-864-11	SHORT CHIP	0			R5720	1-216-295-91	SHORT CHIP	0		
R2623	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5722	1-216-295-91	SHORT CHIP	0		
R2624	1-216-864-11	SHORT CHIP	0			R5724	1-216-295-91	SHORT CHIP	0		
R2625	1-216-833-11	METAL CHIP	10K	5%	1/10W	R5726	1-216-295-91	SHORT CHIP	0		
R2627	1-216-864-11	SHORT CHIP	0			R5728	1-216-295-91	SHORT CHIP	0		
R5000	1-216-864-11	SHORT CHIP	0			R5732	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R5001	1-216-864-11	SHORT CHIP	0			R6527	1-216-805-11	METAL CHIP	47	5%	1/10W
R5002	1-216-864-11	SHORT CHIP	0			R6528	1-216-805-11	METAL CHIP	47	5%	1/10W
R5003	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6529	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R5005	1-216-864-11	SHORT CHIP	0			R6530	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R6531	1-216-837-11	METAL CHIP	22K 5% 1/10W	R7560	1-216-841-11	METAL CHIP	47K 5% 1/10W
R6532	1-216-837-11	METAL CHIP	22K 5% 1/10W	R7561	1-216-841-11	METAL CHIP	47K 5% 1/10W
R6533	1-220-234-11	METAL CHIP	4.7 10% 1/4W	R7563	1-216-864-11	SHORT CHIP	0
R6534	1-220-234-11	METAL CHIP	4.7 10% 1/4W	R7564	1-216-864-11	SHORT CHIP	0
R6535	1-216-813-11	METAL CHIP	220 5% 1/10W	R7565	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R6536	1-216-813-11	METAL CHIP	220 5% 1/10W	R7566	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R6537	1-216-809-11	METAL CHIP	100 5% 1/10W	R7567	1-216-809-11	METAL CHIP	100 5% 1/10W
R6538	1-216-809-11	METAL CHIP	100 5% 1/10W	R7568	1-218-990-81	SHORT CHIP	0
R6539	1-216-809-11	METAL CHIP	100 5% 1/10W	R7571	1-218-990-81	SHORT CHIP	0
R6540	1-216-809-11	METAL CHIP	100 5% 1/10W	R7577	1-216-809-11	METAL CHIP	100 5% 1/10W
R6541	1-216-821-11	METAL CHIP	1K 5% 1/10W	R7578	1-218-965-11	RES-CHIP	10K 5% 1/16W
R6542	1-216-821-11	METAL CHIP	1K 5% 1/10W	R7580	1-218-965-11	RES-CHIP	10K 5% 1/16W
R6543	1-216-821-11	METAL CHIP	1K 5% 1/10W	R7588	1-218-965-11	RES-CHIP	10K 5% 1/16W
R6545	1-216-864-11	SHORT CHIP	0	R7592	1-218-965-11	RES-CHIP	10K 5% 1/16W
R7484	1-218-990-81	SHORT CHIP	0	R7599	1-218-990-81	SHORT CHIP	0
R7485	1-218-990-81	SHORT CHIP	0	R7602	1-216-845-11	METAL CHIP	100K 5% 1/10W
R7486	1-218-990-81	SHORT CHIP	0	R7802	1-216-836-11	METAL CHIP	18K 5% 1/10W
R7487	1-218-990-81	SHORT CHIP	0	R7803	1-216-836-11	METAL CHIP	18K 5% 1/10W
R7488	1-218-990-81	SHORT CHIP	0	R7804	1-216-839-11	METAL CHIP	33K 5% 1/10W
R7489	1-218-990-81	SHORT CHIP	0	R7805	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R7490	1-218-990-81	SHORT CHIP	0	R7806	1-216-839-11	METAL CHIP	33K 5% 1/10W
R7491	1-218-990-81	SHORT CHIP	0	R7807	1-218-841-11	METAL CHIP	560 0.5% 1/10W
R7492	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7808	1-218-841-11	METAL CHIP	560 0.5% 1/10W
R7493	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7822	1-216-845-11	METAL CHIP	100K 5% 1/10W
R7494	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7828	1-216-836-11	METAL CHIP	18K 5% 1/10W
R7495	1-216-841-11	METAL CHIP	47K 5% 1/10W	R7829	1-216-839-11	METAL CHIP	33K 5% 1/10W
R7496	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7830	1-218-841-11	METAL CHIP	560 0.5% 1/10W
R7497	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7840	1-216-809-11	METAL CHIP	100 5% 1/10W
R7500	1-218-990-81	SHORT CHIP	0	R7841	1-216-833-11	METAL CHIP	10K 5% 1/10W
R7504	1-216-809-11	METAL CHIP	100 5% 1/10W	R7843	1-216-809-11	METAL CHIP	100 5% 1/10W
R7505	1-216-809-11	METAL CHIP	100 5% 1/10W	R7844	1-216-845-11	METAL CHIP	100K 5% 1/10W
R7506	1-216-809-11	METAL CHIP	100 5% 1/10W	R7847	1-216-836-11	METAL CHIP	18K 5% 1/10W
R7507	1-216-809-11	METAL CHIP	100 5% 1/10W	R7848	1-216-839-11	METAL CHIP	33K 5% 1/10W
R7508	1-218-847-11	METAL CHIP	1K 0.5% 1/10W	R7849	1-218-841-11	METAL CHIP	560 0.5% 1/10W
R7509	1-216-809-11	METAL CHIP	100 5% 1/10W	R7854	1-216-864-11	SHORT CHIP	0
R7510	1-216-809-11	METAL CHIP	100 5% 1/10W	R7856	1-216-864-11	SHORT CHIP	0
R7511	1-216-809-11	METAL CHIP	100 5% 1/10W	R7857	1-216-821-11	METAL CHIP	1K 5% 1/10W
R7512	1-216-809-11	METAL CHIP	100 5% 1/10W	R7859	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R7529	1-218-990-81	SHORT CHIP	0	R7860	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R7531	1-218-990-81	SHORT CHIP	0	R7864	1-216-805-11	METAL CHIP	47 5% 1/10W
R7532	1-218-990-81	SHORT CHIP	0	R7865	1-216-821-11	METAL CHIP	1K 5% 1/10W
R7533	1-218-990-81	SHORT CHIP	0	R7866	1-216-864-11	SHORT CHIP	0
R7534	1-216-833-11	METAL CHIP	10K 5% 1/10W	R7867	1-216-864-11	SHORT CHIP	0
R7537	1-218-990-81	SHORT CHIP	0	R7969	1-216-864-11	SHORT CHIP	0
R7538	1-216-864-11	SHORT CHIP	0	R7970	1-216-864-11	SHORT CHIP	0
R7541	1-218-990-81	SHORT CHIP	0	R7971	1-216-864-11	SHORT CHIP	0
R7545	1-218-965-11	RES-CHIP	10K 5% 1/16W	R7972	1-216-864-11	SHORT CHIP	0
R7551	1-218-990-81	SHORT CHIP	0	R8000	1-216-864-11	SHORT CHIP	0
R7552	1-216-841-11	METAL CHIP	47K 5% 1/10W	R8003	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
R7553	1-216-841-11	METAL CHIP	47K 5% 1/10W	R8497	1-216-833-11	METAL CHIP	10K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R8498	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9537	1-216-813-11	METAL CHIP	220	5%	1/10W
R8499	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9538	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8529	1-216-864-11	SHORT CHIP	0			R9539	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8530	1-216-864-11	SHORT CHIP	0			R9540	1-216-049-11	RES-CHIP	1K	5%	1/10W
R8531	1-216-864-11	SHORT CHIP	0			R9541	1-216-029-00	RES-CHIP	150	5%	1/10W
R8532	1-216-864-11	SHORT CHIP	0			R9543	1-216-029-00	RES-CHIP	150	5%	1/10W
R8538	1-216-864-11	SHORT CHIP	0			R9544	1-216-864-11	SHORT CHIP	0		
R8539	1-216-864-11	SHORT CHIP	0			R9545	1-216-025-11	RES-CHIP	100	5%	1/10W
R8541	1-216-809-11	METAL CHIP	100	5%	1/10W	R9546	1-216-025-11	RES-CHIP	100	5%	1/10W
R8560	1-216-864-11	SHORT CHIP	0			R9547	1-216-025-11	RES-CHIP	100	5%	1/10W
R8561	1-216-864-11	SHORT CHIP	0			R9548	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8562	1-216-864-11	SHORT CHIP	0			R9549	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8581	1-216-864-11	SHORT CHIP	0			R9550	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8590	1-216-864-11	SHORT CHIP	0			R9551	1-216-022-00	RES-CHIP	75	5%	1/10W
R8597	1-216-864-11	SHORT CHIP	0			R9552	1-216-029-00	RES-CHIP	150	5%	1/10W
R9500	1-216-864-11	SHORT CHIP	0			R9553	1-216-029-00	RES-CHIP	150	5%	1/10W
R9501	1-216-864-11	SHORT CHIP	0			R9554	1-216-029-00	RES-CHIP	150	5%	1/10W
R9503	1-216-815-11	METAL CHIP	330	5%	1/10W	R9555	1-216-029-00	RES-CHIP	150	5%	1/10W
R9504	1-216-049-11	RES-CHIP	1K	5%	1/10W	R9556	1-216-025-11	RES-CHIP	100	5%	1/10W
R9505	1-216-813-11	METAL CHIP	220	5%	1/10W	R9557	1-216-025-11	RES-CHIP	100	5%	1/10W
R9506	1-216-864-11	SHORT CHIP	0			R9558	1-216-025-11	RES-CHIP	100	5%	1/10W
R9507	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9559	1-216-025-11	RES-CHIP	100	5%	1/10W
R9508	1-216-815-11	METAL CHIP	330	5%	1/10W	R9560	1-216-864-11	SHORT CHIP	0		
R9509	1-216-049-11	RES-CHIP	1K	5%	1/10W	R9561	1-216-864-11	SHORT CHIP	0		
R9510	1-216-029-00	RES-CHIP	150	5%	1/10W	R9562	1-216-864-11	SHORT CHIP	0		
R9511	1-216-813-11	METAL CHIP	220	5%	1/10W	R9564	1-216-864-11	SHORT CHIP	0		
R9512	1-216-864-11	SHORT CHIP	0			R9565	1-216-864-11	SHORT CHIP	0		
R9513	1-216-025-11	RES-CHIP	100	5%	1/10W	R9566	1-218-285-11	METAL CHIP	75	5%	1/10W
R9514	1-216-025-11	RES-CHIP	100	5%	1/10W	R9567	1-216-864-11	SHORT CHIP	0		
R9515	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9568	1-218-285-11	METAL CHIP	75	5%	1/10W
R9516	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9569	1-216-864-11	SHORT CHIP	0		
R9517	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9570	1-218-285-11	METAL CHIP	75	5%	1/10W
R9518	1-216-853-11	METAL CHIP	470K	5%	1/10W	R9588	1-216-834-11	METAL CHIP	12K	5%	1/10W
R9520	1-216-029-00	RES-CHIP	150	5%	1/10W	R9589	1-216-834-11	METAL CHIP	12K	5%	1/10W
R9521	1-216-029-00	RES-CHIP	150	5%	1/10W	R9606	1-216-864-11	SHORT CHIP	0		
R9522	1-216-029-00	RES-CHIP	150	5%	1/10W	R9611	1-216-809-11	METAL CHIP	100	5%	1/10W
R9523	1-216-025-11	RES-CHIP	100	5%	1/10W	R9612	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9524	1-216-025-11	RES-CHIP	100	5%	1/10W	R9613	1-216-809-11	METAL CHIP	100	5%	1/10W
R9525	1-216-025-11	RES-CHIP	100	5%	1/10W	R9614	1-216-864-11	SHORT CHIP	0		
R9526	1-216-022-00	RES-CHIP	75	5%	1/10W	R9615	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9527	1-216-029-00	RES-CHIP	150	5%	1/10W	R9616	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9528	1-216-029-00	RES-CHIP	150	5%	1/10W	R9617	1-216-809-11	METAL CHIP	100	5%	1/10W
R9529	1-216-025-11	RES-CHIP	100	5%	1/10W	R9618	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9530	1-216-809-11	METAL CHIP	100	5%	1/10W	R9619	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9531	1-216-815-11	METAL CHIP	330	5%	1/10W	R9626	1-216-809-11	METAL CHIP	100	5%	1/10W
R9532	1-216-049-11	RES-CHIP	1K	5%	1/10W	R9627	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9533	1-216-815-11	METAL CHIP	330	5%	1/10W	R9628	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9534	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9629	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9535	1-216-813-11	METAL CHIP	220	5%	1/10W	R9630	1-216-809-11	METAL CHIP	100	5%	1/10W
R9536	1-216-864-11	SHORT CHIP	0			R9631	1-216-809-11	METAL CHIP	100	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R9632	1-216-864-11	SHORT CHIP	0	R9708	1-216-029-00	RES-CHIP	150 5% 1/10W
R9633	1-216-864-11	SHORT CHIP	0	R9709	1-216-029-00	RES-CHIP	150 5% 1/10W
R9634	1-216-864-11	SHORT CHIP	0	R9713	1-216-864-11	SHORT CHIP	0
R9638	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R9722	1-218-875-11	METAL CHIP	15K 0.5% 1/10W
R9639	1-216-809-11	METAL CHIP	100 5% 1/10W	R9723	1-218-875-11	METAL CHIP	15K 0.5% 1/10W
R9640	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R9725	1-216-864-11	SHORT CHIP	0
R9641	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R9726	1-216-864-11	SHORT CHIP	0
R9642	1-216-809-11	METAL CHIP	100 5% 1/10W	R9727	1-216-864-11	SHORT CHIP	0
R9643	1-216-809-11	METAL CHIP	100 5% 1/10W	R9728	1-216-864-11	SHORT CHIP	0
R9644	1-216-864-11	SHORT CHIP	0	R9729	1-216-864-11	SHORT CHIP	0
R9645	1-216-864-11	SHORT CHIP	0	R9730	1-216-025-11	RES-CHIP	100 5% 1/10W
R9652	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R9731	1-216-025-11	RES-CHIP	100 5% 1/10W
R9653	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R9732	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R9656	1-216-809-11	METAL CHIP	100 5% 1/10W	R9733	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R9658	1-216-830-11	METAL CHIP	5.6K 5% 1/10W	R9734	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R9659	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W	R9735	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R9660	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W	R9736	1-216-809-11	METAL CHIP	100 5% 1/10W
R9661	1-216-830-11	METAL CHIP	5.6K 5% 1/10W	R9737	1-216-809-11	METAL CHIP	100 5% 1/10W
R9662	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W	R9738	1-216-809-11	METAL CHIP	100 5% 1/10W
R9663	1-216-809-11	METAL CHIP	100 5% 1/10W	R9739	1-216-809-11	METAL CHIP	100 5% 1/10W
R9664	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W	R9740	1-216-809-11	METAL CHIP	100 5% 1/10W
R9666	1-216-809-11	METAL CHIP	100 5% 1/10W	R9741	1-216-809-11	METAL CHIP	100 5% 1/10W
R9672	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9742	1-216-809-11	METAL CHIP	100 5% 1/10W
R9673	1-216-813-11	METAL CHIP	220 5% 1/10W	R9744	1-216-817-11	METAL CHIP	470 5% 1/10W
R9675	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9745	1-216-837-11	METAL CHIP	22K 5% 1/10W
R9676	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9746	1-216-849-11	METAL CHIP	220K 5% 1/10W
R9677	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9747	1-216-839-11	METAL CHIP	33K 5% 1/10W
R9678	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9748	1-216-839-11	METAL CHIP	33K 5% 1/10W
R9679	1-216-809-11	METAL CHIP	100 5% 1/10W	R9749	1-216-833-11	METAL CHIP	10K 5% 1/10W
R9680	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9750	1-216-821-11	METAL CHIP	1K 5% 1/10W
R9681	1-216-809-11	METAL CHIP	100 5% 1/10W	R9751	1-216-864-11	SHORT CHIP	0
R9689	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9752	1-216-022-00	RES-CHIP	75 5% 1/10W
R9690	1-216-821-11	METAL CHIP	1K 5% 1/10W	R9753	1-216-022-00	RES-CHIP	75 5% 1/10W
R9691	1-216-853-11	METAL CHIP	470K 5% 1/10W	R9754	1-216-025-11	RES-CHIP	100 5% 1/10W
R9692	1-216-853-11	METAL CHIP	470K 5% 1/10W	R9759	1-216-864-11	SHORT CHIP	0
R9693	1-216-029-00	RES-CHIP	150 5% 1/10W	R9760	1-216-864-11	SHORT CHIP	0
R9694	1-216-864-11	SHORT CHIP	0	R9761	1-216-864-11	SHORT CHIP	0
R9695	1-216-864-11	SHORT CHIP	0	R9762	1-216-864-11	SHORT CHIP	0
R9696	1-216-864-11	SHORT CHIP	0	R9763	1-216-864-11	SHORT CHIP	0
R9697	1-216-029-00	RES-CHIP	150 5% 1/10W	R9764	1-216-864-11	SHORT CHIP	0
R9698	1-216-029-00	RES-CHIP	150 5% 1/10W	R9766	1-218-965-11	RES-CHIP	10K 5% 1/16W
R9699	1-216-029-00	RES-CHIP	150 5% 1/10W	R9767	1-216-809-11	METAL CHIP	100 5% 1/10W
R9700	1-216-029-00	RES-CHIP	150 5% 1/10W	R9769	1-218-933-11	RES-CHIP	22 5% 1/16W
R9701	1-216-029-00	RES-CHIP	150 5% 1/10W	R9770	1-216-864-11	SHORT CHIP	0
R9702	1-216-029-00	RES-CHIP	150 5% 1/10W	R9773	1-216-864-11	SHORT CHIP	0
R9703	1-216-029-00	RES-CHIP	150 5% 1/10W	R9774	1-216-864-11	SHORT CHIP	0
R9704	1-216-029-00	RES-CHIP	150 5% 1/10W	R9775	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R9705	1-216-029-00	RES-CHIP	150 5% 1/10W	R9776	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R9706	1-216-029-00	RES-CHIP	150 5% 1/10W	R9777	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R9707	1-216-029-00	RES-CHIP	150 5% 1/10W	R9778	1-218-827-11	METAL CHIP	150 0.5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C3134	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3400	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3135	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C3402	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3136	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3403	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3137	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3404	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3138	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3405	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3200	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3406	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3201	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3407	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3202	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3408	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3203	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3409	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3204	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V	C3410	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3205	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3411	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3206	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C3412	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3207	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3413	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3208	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3414	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3209	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3415	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3210	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3416	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3211	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3417	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3212	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3418	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3213	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V	C3419	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3214	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3420	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3215	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C3421	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3216	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3422	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3217	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3423	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3218	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3424	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3219	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3425	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3220	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3426	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3230	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C3427	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3300	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3428	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3301	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3429	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3303	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3430	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3304	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3431	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3306	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3432	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3307	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3433	1-100-354-21	ELECT CHIP 220UF	20% 6.3V
C3308	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3434	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3309	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3435	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3310	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3436	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3311	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3438	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3312	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3439	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3313	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3440	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3314	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3441	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3315	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3442	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3316	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3443	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3317	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3444	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3318	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3445	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3320	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3446	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3321	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3447	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3322	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C3448	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3323	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3449	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3324	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3450	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3326	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3451	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C3452	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C3809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3504	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3810	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3509	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C3811	1-164-935-11	CERAMIC CHIP 470PF	10.00% 50V
C3513	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C3812	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3514	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3813	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3518	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3814	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3520	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3521	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C3817	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3522	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	< CONNECTOR >			
C3523	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	CN3300	* 1-815-641-11	CONNECTOR, CARD (PCMCIA CARD)	
C3524	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	CN3400	1-695-209-21	PIN, CONNECTOR (PC BOARD) 15P	
C3525	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	CN3401	1-764-087-21	PIN, CONNECTOR (PC BOARD) 14P	
C3526	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	CN3402	1-695-889-21	PIN, CONNECTOR (PC BOARD) 10P	
C3527	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V	CN3403	* 1-779-268-21	PIN, CONNECTOR (1.5MM) (SMD) 11P	
C3528	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	CN3404	* 1-766-376-11	PIN, CONNECTOR (1.5MM) (SMD) 9P	
C3529	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V	CN3500	1-784-024-21	JACK 10P	
C3530	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	CN3503	* 1-764-080-21	PIN, CONNECTOR (PC BOARD) 8P	
C3531	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	< DIODE >			
C3532	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	D3400	8-719-070-20	DIODE RB706F-40	
C3533	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3401	8-719-070-20	DIODE RB706F-40	
C3534	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3402	8-719-058-24	DIODE RB501V-40TE-17	
C3535	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3500	6-501-233-01	DIODE BZA862AVL	
C3536	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3501	6-501-233-01	DIODE BZA862AVL	
C3537	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3502	6-501-233-01	DIODE BZA862AVL	
C3538	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	D3504	8-719-058-24	DIODE RB501V-40TE-17	
C3539	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	D3800	8-719-066-11	DIODE 1PS184-115	
C3540	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	< FERRITE BEAD >			
C3541	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3100	1-469-869-21	FERRITE	0UH
C3542	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3101	1-469-869-21	FERRITE	0UH
C3543	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3102	1-469-869-21	FERRITE	0UH
C3544	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3103	1-400-833-21	FERRITE	0UH
C3545	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3104	1-469-869-21	FERRITE	0UH
C3546	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3105	1-400-833-21	FERRITE	0UH
C3547	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3106	1-400-833-21	FERRITE	0UH
C3548	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3107	1-400-833-21	FERRITE	0UH
C3549	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3108	1-400-833-21	FERRITE	0UH
C3550	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3109	1-400-833-21	FERRITE	0UH
C3551	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	FB3110	1-400-833-21	FERRITE	0UH
C3552	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V	FB3111	1-400-833-21	FERRITE	0UH
C3553	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V	FB3112	1-400-833-21	FERRITE	0UH
C3570	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3200	1-400-244-11	FERRITE	0UH
C3571	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3201	1-400-244-11	FERRITE	0UH
C3800	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3300	1-469-869-21	FERRITE	0UH
C3801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3301	1-469-869-21	FERRITE	0UH
C3802	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	FB3400	1-400-244-11	FERRITE	0UH
C3804	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3401	1-400-244-11	FERRITE	0UH
C3805	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	FB3402	1-400-244-11	FERRITE	0UH
C3806	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V				
C3807	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V				
C3808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V				

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
Q3405	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3135	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3406	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3136	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3407	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3137	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3408	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3141	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3409	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3145	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3410	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3146	1-218-990-81	SHORT CHIP 0	
Q3411	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3147	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3412	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3148	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3504	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3149	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3800	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3156	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3801	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3157	1-218-965-11	RES-CHIP 10K 5%	1/16W
Q3804	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3160	1-218-937-11	RES-CHIP 47 5%	1/16W
Q3805	8-729-027-43	TRANSISTOR DTC114EKA-T146		R3200	1-218-941-11	RES-CHIP 100 5%	1/16W
Q3806	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R		R3201	1-218-941-11	RES-CHIP 100 5%	1/16W
Q3808	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R		R3202	1-218-939-11	RES-CHIP 68 5%	1/16W
< RESISTOR >				R3203	1-218-941-81	RES-CHIP 100 5%	1/16W
R3100	1-218-937-11	RES-CHIP 47 5%	1/16W	R3204	1-218-941-81	RES-CHIP 100 5%	1/16W
R3101	1-218-941-81	RES-CHIP 100 5%	1/16W	R3205	1-218-937-11	RES-CHIP 47 5%	1/16W
R3102	1-218-937-11	RES-CHIP 47 5%	1/16W	R3206	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3103	1-218-937-11	RES-CHIP 47 5%	1/16W	R3211	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R3104	1-218-937-11	RES-CHIP 47 5%	1/16W	R3212	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R3105	1-218-937-11	RES-CHIP 47 5%	1/16W	R3213	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R3106	1-218-937-11	RES-CHIP 47 5%	1/16W	R3214	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R3107	1-218-937-11	RES-CHIP 47 5%	1/16W	R3216	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3108	1-218-937-11	RES-CHIP 47 5%	1/16W	R3218	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3109	1-218-941-81	RES-CHIP 100 5%	1/16W	R3220	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R3110	1-218-937-11	RES-CHIP 47 5%	1/16W	R3222	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3111	1-218-937-11	RES-CHIP 47 5%	1/16W	R3224	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3112	1-218-937-11	RES-CHIP 47 5%	1/16W	R3227	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3113	1-218-937-11	RES-CHIP 47 5%	1/16W	R3229	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3114	1-218-937-11	RES-CHIP 47 5%	1/16W	R3230	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3115	1-218-941-81	RES-CHIP 100 5%	1/16W	R3232	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3116	1-218-937-11	RES-CHIP 47 5%	1/16W	R3234	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3117	1-218-937-11	RES-CHIP 47 5%	1/16W	R3236	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3118	1-218-937-11	RES-CHIP 47 5%	1/16W	R3238	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3119	1-218-965-11	RES-CHIP 10K 5%	1/16W	R3239	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3120	1-218-937-11	RES-CHIP 47 5%	1/16W	R3240	1-218-939-11	RES-CHIP 68 5%	1/16W
R3121	1-218-937-11	RES-CHIP 47 5%	1/16W	R3242	1-218-941-81	RES-CHIP 100 5%	1/16W
R3122	1-218-937-11	RES-CHIP 47 5%	1/16W	R3251	1-218-949-11	RES-CHIP 470 5%	1/16W
R3123	1-218-937-11	RES-CHIP 47 5%	1/16W	R3262	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3124	1-218-961-11	RES-CHIP 4.7K 5%	1/16W	R3303	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3125	1-218-961-11	RES-CHIP 4.7K 5%	1/16W	R3306	1-218-941-81	RES-CHIP 100 5%	1/16W
R3126	1-218-937-11	RES-CHIP 47 5%	1/16W	R3308	1-218-941-81	RES-CHIP 100 5%	1/16W
R3127	1-218-937-11	RES-CHIP 47 5%	1/16W	R3310	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3129	1-218-941-81	RES-CHIP 100 5%	1/16W	R3311	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3130	1-218-941-81	RES-CHIP 100 5%	1/16W	R3312	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3131	1-218-937-11	RES-CHIP 47 5%	1/16W	R3313	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3132	1-218-937-11	RES-CHIP 47 5%	1/16W	R3314	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3133	1-218-937-11	RES-CHIP 47 5%	1/16W	R3317	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
				R3318	1-218-965-11	RES-CHIP 10K 5%	1/16W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R3321	1-218-941-81	RES-CHIP	100 5% 1/16W	R3468	1-218-967-11	RES-CHIP	15K 5% 1/16W
R3324	1-218-941-81	RES-CHIP	100 5% 1/16W	R3469	1-218-949-11	RES-CHIP	470 5% 1/16W
R3325	1-218-937-11	RES-CHIP	47 5% 1/16W	R3470	1-208-675-11	METAL CHIP	470 0.5% 1/16W
R3400	1-218-966-11	RES-CHIP	12K 5% 1/16W	R3471	1-208-885-11	METAL CHIP	820 0.5% 1/16W
R3401	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3472	1-218-949-11	RES-CHIP	470 5% 1/16W
R3406	1-218-949-11	RES-CHIP	470 5% 1/16W	R3473	1-208-675-11	METAL CHIP	470 0.5% 1/16W
R3407	1-208-675-11	METAL CHIP	470 0.5% 1/16W	R3474	1-208-885-11	METAL CHIP	820 0.5% 1/16W
R3408	1-208-885-11	METAL CHIP	820 0.5% 1/16W	R3475	1-218-949-11	RES-CHIP	470 5% 1/16W
R3415	1-208-675-11	METAL CHIP	470 0.5% 1/16W	R3478	1-208-675-11	METAL CHIP	470 0.5% 1/16W
R3421	1-218-990-81	SHORT CHIP	0	R3479	1-208-885-11	METAL CHIP	820 0.5% 1/16W
R3422	1-218-937-11	RES-CHIP	47 5% 1/16W	R3480	1-218-941-81	RES-CHIP	100 5% 1/16W
R3423	1-218-937-11	RES-CHIP	47 5% 1/16W	R3481	1-218-941-81	RES-CHIP	100 5% 1/16W
R3424	1-218-945-11	RES-CHIP	220 5% 1/16W	R3482	1-218-948-11	RES-CHIP	390 5% 1/16W
R3427	1-218-949-11	RES-CHIP	470 5% 1/16W	R3483	1-218-948-11	RES-CHIP	390 5% 1/16W
R3428	1-218-949-11	RES-CHIP	470 5% 1/16W	R3484	1-216-001-00	RES-CHIP	10 5% 1/10W
R3429	1-218-949-11	RES-CHIP	470 5% 1/16W	R3485	1-218-990-81	SHORT CHIP	0
R3430	1-218-953-11	RES-CHIP	1K 5% 1/16W	R3486	1-218-948-11	RES-CHIP	390 5% 1/16W
R3433	1-218-937-11	RES-CHIP	47 5% 1/16W	R3487	1-218-945-11	RES-CHIP	220 5% 1/16W
R3434	1-218-937-11	RES-CHIP	47 5% 1/16W	R3488	1-218-945-11	RES-CHIP	220 5% 1/16W
R3435	1-218-937-11	RES-CHIP	47 5% 1/16W	R3489	1-218-945-11	RES-CHIP	220 5% 1/16W
R3436	1-218-937-11	RES-CHIP	47 5% 1/16W	R3490	1-218-967-11	RES-CHIP	15K 5% 1/16W
R3438	1-218-966-11	RES-CHIP	12K 5% 1/16W	R3491	1-218-967-11	RES-CHIP	15K 5% 1/16W
R3439	1-218-990-81	SHORT CHIP	0	R3492	1-218-953-11	RES-CHIP	1K 5% 1/16W
R3440	1-218-990-81	SHORT CHIP	0	R3493	1-218-941-81	RES-CHIP	100 5% 1/16W
R3441	1-218-937-11	RES-CHIP	47 5% 1/16W	R3500	1-216-295-91	SHORT CHIP	0
R3442	1-218-949-11	RES-CHIP	470 5% 1/16W	R3501	1-216-295-91	SHORT CHIP	0
R3444	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	R3502	1-216-295-91	SHORT CHIP	0
R3445	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	R3504	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3446	1-218-972-11	RES-CHIP	39K 5% 1/16W	R3505	1-218-953-11	RES-CHIP	1K 5% 1/16W
R3447	1-218-972-11	RES-CHIP	39K 5% 1/16W	R3506	1-218-941-81	RES-CHIP	100 5% 1/16W
R3448	1-218-965-11	RES-CHIP	10K 5% 1/16W	R3507	1-218-941-81	RES-CHIP	100 5% 1/16W
R3449	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3508	1-216-295-91	SHORT CHIP	0
R3450	1-218-965-11	RES-CHIP	10K 5% 1/16W	R3509	1-218-953-11	RES-CHIP	1K 5% 1/16W
R3451	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3510	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
R3452	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3511	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
R3453	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3516	1-218-937-11	RES-CHIP	47 5% 1/16W
R3454	1-218-948-11	RES-CHIP	390 5% 1/16W	R3517	1-218-937-11	RES-CHIP	47 5% 1/16W
R3455	1-218-937-11	RES-CHIP	47 5% 1/16W	R3518	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3456	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3537	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R3457	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	R3542	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3458	1-218-941-11	RES-CHIP	100 5% 1/16W	R3543	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R3459	1-218-941-11	RES-CHIP	100 5% 1/16W	R3544	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3460	1-208-683-11	METAL CHIP	1K 0.5% 1/16W	R3545	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R3461	1-218-965-11	RES-CHIP	10K 5% 1/16W	R3546	1-218-941-81	RES-CHIP	100 5% 1/16W
R3462	1-218-965-11	RES-CHIP	10K 5% 1/16W	R3547	1-218-941-81	RES-CHIP	100 5% 1/16W
R3463	1-218-953-11	RES-CHIP	1K 5% 1/16W	R3548	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3464	1-218-953-11	RES-CHIP	1K 5% 1/16W	R3550	1-208-927-11	METAL CHIP	47K 0.5% 1/16W
R3465	1-218-966-11	RES-CHIP	12K 5% 1/16W	R3554	1-218-965-11	RES-CHIP	10K 5% 1/16W
R3466	1-218-967-11	RES-CHIP	15K 5% 1/16W	R3558	1-208-687-11	METAL CHIP	1.5K 0.5% 1/16W
R3467	1-218-966-11	RES-CHIP	12K 5% 1/16W	R3559	1-208-927-11	METAL CHIP	47K 0.5% 1/16W

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
RB3110	1-234-370-21	RES, NETWORK 22	(1005X4)	C1039	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V
RB3200	1-234-372-21	RES, NETWORK 100	(1005X4)	C1040	1-135-372-31	ELECT 470UF	20% 10V
RB3201	1-234-372-21	RES, NETWORK 100	(1005X4)	C1103	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
RB3202	1-234-372-21	RES, NETWORK 100	(1005X4)	C1104	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
RB3203	1-234-702-11	RES, NETWORK 68	(1005X4)	C1106	1-164-156-11	CERAMIC CHIP 0.1UF	25V
RB3204	1-234-702-11	RES, NETWORK 68	(1005X4)	C1220	1-126-933-11	ELECT 100UF	20.00% 16V
RB3206	1-234-372-21	RES, NETWORK 100	(1005X4)	C1221	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
RB3207	1-234-372-21	RES, NETWORK 100	(1005X4)	C1222	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
RB3208	1-234-702-11	RES, NETWORK 68	(1005X4)	C1223	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
RB3209	1-234-702-11	RES, NETWORK 68	(1005X4)	C1224	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
RB3500	1-234-371-21	RES, NETWORK 47	(1005X4)	C1230	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
RB3501	1-234-371-21	RES, NETWORK 47	(1005X4)	C1231	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< CRYSTAL >				C1232	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
X3200	1-813-055-11	QUARTZ CRYSTAL UNIT		C1233	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
X3500	1-813-547-11	QUARTZ CRYSTAL UNIT		C1235	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
* A-1151-514-A AG COMPL DIG ZAPPING				C1237	1-126-964-11	ELECT 10UF	20.00% 50V
4-382-854-01		SCREW (M3X8), P, SW (+)		C1239	1-126-933-11	ELECT 100UF	20.00% 16V
< CAPACITOR >				C1242	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1001	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C1243	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1003	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C1244	1-126-933-11	ELECT 100UF	20.00% 16V
C1005	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1601	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1006	1-126-767-11	ELECT 1000UF	20.00% 16V	C1604 Δ	1-104-571-91	CERAMIC 0.0015UF	10.00% 2KV
C1008	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1605 Δ	1-104-571-91	CERAMIC 0.0015UF	10.00% 2KV
C1010	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1607 Δ	1-104-571-91	CERAMIC 0.0015UF	10.00% 2KV
C1011	1-104-662-91	ELECT 22UF	20.00% 25V	C1608 Δ	1-104-571-91	CERAMIC 0.0015UF	10.00% 2KV
C1012	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1609	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C1013	1-163-131-00	CERAMIC CHIP 390PF	5.00% 50V	C1612	1-117-753-11	ELECT (BLOCK) 470UF	20.00% 450V
C1014	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1613	1-126-964-11	ELECT 10UF	20.00% 50V
C1015	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1614	1-126-967-11	ELECT 47UF	20.00% 50V
C1016	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C1615	1-126-948-11	ELECT 100UF	20.00% 35V
C1017	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C1618	1-136-497-81	FILM 0.1UF	5.00% 50V
C1018	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1620	1-107-902-11	ELECT 1UF	20% 50V
C1019	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C1622	1-126-961-11	ELECT 2.2UF	20.00% 50V
C1020	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1623	1-136-479-11	FILM 0.001UF	5.00% 100V
C1021	1-131-664-91	CERAMIC CHIP 0.15UF	10% 10V	C1624	1-126-963-11	ELECT 4.7UF	20.00% 50V
C1024	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V	C1626	1-113-924-11	CERAMIC 0.0047UF	20.00% 250V
C1025	1-216-864-11	SHORT CHIP 0		C1627	1-125-969-91	CERAMIC 680PF	10.00% 1KV
C1026	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1628	1-125-969-91	CERAMIC 680PF	10.00% 1KV
C1027	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V	C1629	1-135-946-22	FILM 47000PF	3% 800V
C1028	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V	C1630	1-126-939-11	ELECT 10000UF	20.00% 16V
C1029	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V	C1631	1-107-914-11	ELECT 1000UF	20% 50V
C1030	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	C1632	1-126-964-11	ELECT 10UF	20.00% 50V
C1031	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1634	1-126-944-11	ELECT 3300UF	20.00% 25V
C1034	1-126-933-11	ELECT 100UF	20.00% 16V	C1635	1-126-944-11	ELECT 3300UF	20.00% 25V
C1035	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C1639	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C1037	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V	C1640	1-107-888-11	ELECT 47UF	20% 25V
				C1642	1-107-906-11	ELECT 10UF	20% 50V
				C1648	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
				C1652	1-107-906-11	ELECT 10UF	20% 50V
				C1653	1-107-909-11	ELECT 47UF	20% 50V

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1655	1-163-009-91	CERAMIC CHIP 0.001UF	10.00% 50V	C6226	1-128-942-31	ELECT 1000UF	20% 6.3V
C1656	1-163-009-91	CERAMIC CHIP 0.001UF	10.00% 50V	C6227	1-128-942-31	ELECT 1000UF	20% 6.3V
C1659	1-137-194-81	FILM 0.47UF	5.00% 50V	C6229	1-128-528-11	ELECT 470UF	20% 25V
C1660	Δ 1-165-530-11	MYLAR 0.47UF	10 275V	C6230	1-126-935-11	ELECT 470UF	20.00% 16V
C1661	Δ 1-119-887-51	CERAMIC 1000PF	20.00% 250V	C6235	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1662	Δ 1-119-887-51	CERAMIC 1000PF	20.00% 250V	C6236	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1664	Δ 1-165-530-11	MYLAR 0.47UF	10 275V	C6238	1-128-526-11	ELECT 100UF	20% 25V
C1670	1-125-497-11	ELECT (BLOCK) 100UF	20% 400V	C6239	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1671	1-125-497-11	ELECT (BLOCK) 100UF	20% 400V	C6240	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1672	1-161-830-00	CERAMIC 0.0047UF	500V	C6241	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2002	1-128-528-11	ELECT 470UF	20% 25V	C6243	1-104-665-11	ELECT 100UF	20.00% 25V
C2003	1-126-965-91	ELECT 22UF	20.00% 50V	C6244	1-126-947-11	ELECT 47UF	20.00% 35V
C2025	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6257	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2033	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6259	1-104-665-11	ELECT 100UF	20.00% 25V
C2302	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6260	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2304	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6263	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2305	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6264	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2306	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6265	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2502	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6266	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C2503	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C6300	Δ 1-126-943-11	ELECT 2200UF	20.00% 25V
C2504	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C6301	1-126-971-11	ELECT 470UF	20.00% 50V
C2505	1-107-907-11	ELECT 22UF	20% 50V	C6303	1-126-964-11	ELECT 10UF	20.00% 50V
C2506	1-126-965-91	ELECT 22UF	20.00% 50V	C8206	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2507	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	< CONNECTOR >			
C2511	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN1230	1-695-915-11	TAB (CONTACT)	
C2512	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	CN1601	Δ * 1-580-843-11	PIN, CONNECTOR (POWER)	
C2513	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	CN1602	* 1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	
C2514	1-107-715-11	ELECT 22UF	20% 50V	CN1603	* 1-816-974-51	PLUG, CONNECTOR 3P	
C3000	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1610	1-695-915-11	TAB (CONTACT)	
C3001	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1611	1-695-915-11	TAB (CONTACT)	
C3002	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1612	1-695-915-11	TAB (CONTACT)	
C3003	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN1616	Δ * 1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	
C3004	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN2001	1-695-915-11	TAB (CONTACT)	
C4200	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	CN2002	1-695-915-11	TAB (CONTACT)	
C4201	1-164-160-11	CERAMIC CHIP 20PF	5.00% 50V	CN2003	* 1-564-507-11	PLUG, CONNECTOR 4P	
C4202	1-115-456-21	DOUBLE LAYER 0.22F	5.5V	CN2004	1-695-915-11	TAB (CONTACT)	
C6200	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN2005	1-695-915-11	TAB (CONTACT)	
C6201	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN2006	1-695-915-11	TAB (CONTACT)	
C6202	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN2007	1-695-915-11	TAB (CONTACT)	
C6203	1-107-909-11	ELECT 47UF	20% 50V	CN2008	1-695-915-11	TAB (CONTACT)	
C6205	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN2302	1-764-334-11	PIN, CONNECTOR(PCB) (V TYPE)11P	
C6208	1-128-526-11	ELECT 100UF	20% 25V	CN2303	* 1-816-985-71	PLUG, CONNECTOR 8P	
C6211	1-104-665-11	ELECT 100UF	20.00% 25V	CN2304	* 1-564-512-11	PLUG, CONNECTOR 9P	
C6213	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN3000	1-764-333-11	PIN, CONNECTOR(PCB) (V TYPE)10P	
C6214	1-128-526-11	ELECT 100UF	20% 25V	CN3001	* 1-816-983-71	PLUG, CONNECTOR 6P	
C6215	1-128-526-11	ELECT 100UF	20% 25V	CN5201	* 1-823-330-11	CONNECTOR, BOARD TO BOARD 40P	
C6217	1-126-767-11	ELECT 1000UF	20.00% 16V	CN5209	* 1-564-508-11	PLUG, CONNECTOR 5P	
C6218	1-126-767-11	ELECT 1000UF	20.00% 16V	CN6204	1-695-915-11	TAB (CONTACT)	
C6223	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN6205	1-695-915-11	TAB (CONTACT)	
C6224	1-164-156-11	CERAMIC CHIP 0.1UF	25V				

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
CN6208	* 1-564-512-11	PLUG, CONNECTOR 9P		FB1230	1-469-869-21	FERRITE	OUH
		< DIODE >		FB1231	1-469-869-21	FERRITE	OUH
D1002	8-719-050-38	DIODE M1MA152WK-T1				< CLIP FUSE >	
D1005	8-719-081-97	DIODE MMDL914T1		FH1601 Δ	1-533-725-11	FUSE HOLDER	0A 0V
D1007	8-719-081-67	DIODE M1FM3				< FILTER >	
D1008	8-719-073-69	DIODE PTZ-TE25-6.2A		FL1230	1-239-899-21	FERRITE	OUH
D1230	8-719-083-87	DIODE UDZS-TE17-33B				< IC >	
D1601	8-719-054-36	DIODE FCH10A06		IC1001	6-704-747-01	IC TDA9886TS/V4,118	
D1602	6-500-067-01	DIODE GSIB460L/45		IC1002	6-704-120-01	IC MD3221N	
D1607	8-719-979-64	DIODE UF4005/23		IC1601	6-705-810-01	IC MCZ3001DB	
D1608	8-719-060-90	DIODE S2L60F		IC1602	8-759-198-31	IC UPC1093J-1-T	
D1609	8-719-063-73	DIODE D1NL20U-TR		IC2500	8-759-590-05	IC TDA7269A	
D1612	8-719-060-90	DIODE S2L60F		IC4200	8-759-478-44	IC PCF8593/T118	
D1613	8-719-081-97	DIODE MMDL914T1		IC6201	6-702-313-01	IC PST600IMT	
D1616	8-719-081-97	DIODE MMDL914T1		IC6202	6-708-659-01	IC BA00BC0WT-V5	
D1617	8-719-081-97	DIODE MMDL914T1		IC6203	8-759-098-24	IC PQ30RV11J00H	
D1618	8-719-081-97	DIODE MMDL914T1		IC6204	8-759-394-36	IC BA09T	
D1619	8-719-083-82	DIODE UDZS-TE17-12B		IC6205	8-759-098-24	IC PQ30RV11J00H	
D1620	8-719-054-36	DIODE FCH10A06		IC6207	8-759-640-19	IC PQ1CG2032FZ	
D1621	8-719-018-84	DIODE D2S6M		IC6208	8-759-640-19	IC PQ1CG2032FZ	
D1624	8-719-060-88	DIODE D4SBS6		IC6210	8-759-520-49	IC PQ30RV21J00H	
D1631	8-719-081-97	DIODE MMDL914T1				< JUMPER RESISTOR >	
D1632	1-216-295-91	SHORT CHIP 0		JR1	1-216-295-91	SHORT CHIP	0
D1635	8-719-060-90	DIODE S2L60F		JR2	1-216-295-91	SHORT CHIP	0
D1636	8-719-060-90	DIODE S2L60F		JR1002	1-216-864-11	SHORT CHIP	0
D2004	8-719-081-97	DIODE MMDL914T1		JR1003	1-216-864-11	SHORT CHIP	0
D2005	8-719-081-97	DIODE MMDL914T1		JR1004	1-216-864-11	SHORT CHIP	0
D3001	8-719-050-38	DIODE M1MA152WK-T1		JR1008	1-216-864-11	SHORT CHIP	0
D4200	8-719-914-43	DIODE DAN202K		JR1009	1-216-864-11	SHORT CHIP	0
D6201	8-719-022-97	DIODE D2S4MF		JR1011	1-216-864-11	SHORT CHIP	0
D6202	8-719-022-97	DIODE D2S4MF		JR1012	1-216-864-11	SHORT CHIP	0
D6206	8-719-081-97	DIODE MMDL914T1		JR1201	1-216-864-11	SHORT CHIP	0
D6207	8-719-081-97	DIODE MMDL914T1		JR1202	1-216-864-11	SHORT CHIP	0
D6208	8-719-081-97	DIODE MMDL914T1		JR1230	1-216-864-11	SHORT CHIP	0
D6209	8-719-081-97	DIODE MMDL914T1		JR1231	1-216-864-11	SHORT CHIP	0
D6211	6-500-294-01	DIODE PTZ-TE25-3.9B		JR1232	1-216-864-11	SHORT CHIP	0
D6212	6-500-294-01	DIODE PTZ-TE25-3.9B		JR1233	1-216-864-11	SHORT CHIP	0
D6302	8-719-511-40	DIODE S1VB40		JR1234	1-216-864-11	SHORT CHIP	0
D6304	8-719-081-97	DIODE MMDL914T1		JR1235	1-216-864-11	SHORT CHIP	0
D6306	8-719-081-97	DIODE MMDL914T1		JR1236	1-216-864-11	SHORT CHIP	0
		< FUSE >		JR1237	1-216-864-11	SHORT CHIP	0
F1601 Δ	1-576-232-51	FUSE	5A 250V	JR1238	1-216-864-11	SHORT CHIP	0
		< FERRITE BEAD >		JR6224	1-216-864-11	SHORT CHIP	0
FB1101	1-412-987-31	INDUCTOR	4.7UH	JR6225	1-216-864-11	SHORT CHIP	0
FB1200	1-469-869-21	FERRITE	OUH	JR6238	1-216-864-11	SHORT CHIP	0
FB1201	1-469-869-21	FERRITE	OUH				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
< COIL >							
L1001	1-414-934-21	INDUCTOR	10UH	Q2500	8-729-010-29	TRANSISTOR MSD601-RST1	
L1002	1-414-934-21	INDUCTOR	10UH	Q2501	8-729-010-29	TRANSISTOR MSD601-RST1	
L1003	1-406-663-21	INDUCTOR	47UH	Q2502	8-729-010-29	TRANSISTOR MSD601-RST1	
L1004	1-216-864-11	SHORT CHIP	0	Q2503	8-729-010-29	TRANSISTOR MSD601-RST1	
L1005	1-216-864-11	SHORT CHIP	0	Q2504	8-729-027-38	TRANSISTOR DTA144EKA-T146	
L1006	1-410-509-11	INDUCTOR	10UH	Q6201	8-729-027-43	TRANSISTOR DTC114EKA-T146	
L1007	1-414-934-21	INDUCTOR	10UH	Q6202	8-729-027-43	TRANSISTOR DTC114EKA-T146	
L1008	1-457-154-11	INDUCTOR	10UH	Q6203	8-729-010-29	TRANSISTOR MSD601-RST1	
L1009	1-406-663-21	INDUCTOR	47UH	Q6302	8-729-901-06	TRANSISTOR DTA144EK	
L1010	1-406-663-21	INDUCTOR	47UH	Q6305	8-729-010-29	TRANSISTOR MSD601-RST1	
L1012	1-216-864-11	SHORT CHIP	0	< RESISTOR >			
L1013	1-216-864-11	SHORT CHIP	0	R1004	1-216-845-11	METAL CHIP 100K 5%	1/10W
L1100	1-414-580-21	INDUCTOR	100NH	R1006	1-216-838-11	METAL CHIP 27K 5%	1/10W
L1101	1-414-580-21	INDUCTOR	100NH	R1007	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
L1102	1-414-934-21	INDUCTOR	10UH	R1009	1-216-837-11	METAL CHIP 22K 5%	1/10W
L1230	1-412-006-31	INDUCTOR	10UH	R1010	1-216-818-11	METAL CHIP 560 5%	1/10W
L1601	1-412-525-31	INDUCTOR	10UH	R1011	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
L1602	1-469-578-11	FERRITE	1.1UH	R1013	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
L1603	1-469-578-11	FERRITE	1.1UH	R1014	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
L1609	1-406-659-11	INDUCTOR	10UH	R1016	1-216-817-11	METAL CHIP 470 5%	1/10W
L1616	1-406-984-11	INDUCTOR	1.5MH	R1018	1-216-830-11	METAL CHIP 5.6K 5%	1/10W
L6202	1-456-803-11	INDUCTOR	100UH	R1019	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
L6203	1-456-803-11	INDUCTOR	100UH	R1020	1-216-811-11	METAL CHIP 150 5%	1/10W
L6207	1-412-525-31	INDUCTOR	10UH	R1027	1-216-824-11	METAL CHIP 1.8K 5%	1/10W
L6208	1-412-525-31	INDUCTOR	10UH	R1028	1-216-813-11	METAL CHIP 220 5%	1/10W
L6210	1-414-928-21	INDUCTOR	1UH	R1029	1-216-809-11	METAL CHIP 100 5%	1/10W
< PHOTOCOUPLER >				R1030	1-216-819-11	METAL CHIP 680 5%	1/10W
PH1601 Δ	6-600-187-01	PHOTO COUPLER	PC123Y22J00F	R1032	1-216-822-11	METAL CHIP 1.2K 5%	1/10W
< PROTECTOR MODULE >				R1033	1-218-867-11	METAL CHIP 6.8K 0.5%	1/10W
PS1600 Δ	1-576-288-32	IC LINK	10A 90V	R1034	1-216-807-11	METAL CHIP 68 5%	1/10W
PS6202 Δ	1-801-549-21	IC LINK	4A 0V	R1035	1-216-807-11	METAL CHIP 68 5%	1/10W
PS6204 Δ	1-801-549-21	IC LINK	4A 0V	R1036	1-216-814-11	METAL CHIP 270 5%	1/10W
< TRANSISTOR >				R1037	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
Q1002	8-729-421-19	TRANSISTOR UN2213		R1038	1-216-833-11	METAL CHIP 10K 5%	1/10W
Q1003	8-729-421-19	TRANSISTOR UN2213		R1039	1-216-801-11	METAL CHIP 22 5%	1/10W
Q1004	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R1041	1-216-812-11	METAL CHIP 180 5%	1/10W
Q1008	8-729-054-41	TRANSISTOR MUN2232T1		R1043	1-216-837-11	METAL CHIP 22K 5%	1/10W
Q1009	8-729-010-05	TRANSISTOR MSB709-RT1		R1047	1-216-817-11	METAL CHIP 470 5%	1/10W
Q1603	8-729-010-29	TRANSISTOR MSD601-RST1		R1048	1-216-834-11	METAL CHIP 12K 5%	1/10W
Q1604	8-729-010-05	TRANSISTOR MSB709-RT1		R1050	1-216-809-11	METAL CHIP 100 5%	1/10W
Q1605	8-729-010-29	TRANSISTOR MSD601-RST1		R1051	1-216-809-11	METAL CHIP 100 5%	1/10W
Q1606	8-729-052-32	TRANSISTOR IRFIB7N50A-LF31		R1052	1-216-845-11	METAL CHIP 100K 5%	1/10W
Q1607	8-729-052-32	TRANSISTOR IRFIB7N50A-LF31		R1101	1-412-987-31	INDUCTOR 4.7UH	
Q2001	8-729-010-05	TRANSISTOR MSB709-RT1		R1102	1-414-760-21	FERRITE 0UH	
				R1103	1-414-760-21	FERRITE 0UH	
				R1105	1-414-580-21	INDUCTOR 100NH	
				R1233	1-216-833-11	METAL CHIP 10K 5%	1/10W
				R1234	1-216-809-11	METAL CHIP 100 5%	1/10W
				R1235	1-216-809-11	METAL CHIP 100 5%	1/10W

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R1237	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2501	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1238	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2502	1-216-818-11	METAL CHIP	560 5% 1/10W
R1239	1-216-841-11	METAL CHIP	47K 5% 1/10W	R2503	1-216-818-11	METAL CHIP	560 5% 1/10W
R1601	1-245-494-21	METAL	2.2M 2% 1/4W	R2504	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1602	1-245-494-21	METAL	2.2M 2% 1/4W	R2505	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1607	1-249-417-11	CARBON	1K 5% 1/4W	R2506	1-216-836-11	METAL CHIP	18K 5% 1/10W
R1613 Δ	1-202-933-61	FUSIBLE	0.1 10% 1/2W	R2507	1-216-836-11	METAL CHIP	18K 5% 1/10W
R1616	1-249-393-11	CARBON	10 5% 1/4W	R2508	1-216-809-11	METAL CHIP	100 5% 1/10W
R1617	1-249-377-11	CARBON	0.47 5% 1/4W	R2509	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1618	1-260-288-11	CARBON	0.47 5% 1/2W	R2510	1-216-846-11	METAL CHIP	120K 5% 1/10W
R1619 Δ	1-220-886-11	FUSIBLE	0.1 10% 1W	R2511	1-216-832-11	METAL CHIP	8.2K 5% 1/10W
R1620	1-216-073-91	RES-CHIP	10K 5% 1/10W	R2512	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1621	1-216-065-91	RES-CHIP	4.7K 5% 1/10W	R2513	1-216-864-11	SHORT CHIP	0
R1622	1-216-073-91	RES-CHIP	10K 5% 1/10W	R2519	1-216-845-11	METAL CHIP	100K 5% 1/10W
R1623	1-216-049-11	RES-CHIP	1K 5% 1/10W	R2520	1-216-845-11	METAL CHIP	100K 5% 1/10W
R1625	1-245-478-21	METAL	470K 1% 1/4W	R2521	1-243-826-21	METAL OXIDE	4.7 5% 1W
R1626	1-245-478-21	METAL	470K 1% 1/4W	R2522	1-243-826-21	METAL OXIDE	4.7 5% 1W
R1628	1-208-810-11	METAL CHIP	15K 0.5% 1/10W	R2523	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1629	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R2524	1-216-864-11	SHORT CHIP	0
R1630	1-216-073-91	RES-CHIP	10K 5% 1/10W	R2525	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1631	1-216-073-91	RES-CHIP	10K 5% 1/10W	R3001	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1632	1-216-797-11	METAL CHIP	10 5% 1/10W	R3002	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1633	1-216-073-91	RES-CHIP	10K 5% 1/10W	R3003	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1634	1-216-797-11	METAL CHIP	10 5% 1/10W	R4200	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1635	1-216-073-91	RES-CHIP	10K 5% 1/10W	R4201	1-216-809-11	METAL CHIP	100 5% 1/10W
R1638	1-202-965-11	METAL	0.02 10% 2W	R4202	1-216-809-11	METAL CHIP	100 5% 1/10W
R1641	1-216-049-11	RES-CHIP	1K 5% 1/10W	R6200	1-218-835-11	METAL CHIP	330 0.5% 1/10W
R1642	1-216-057-00	RES-CHIP	2.2K 5% 1/10W	R6201	1-218-839-11	METAL CHIP	470 0.5% 1/10W
R1643	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W	R6202	1-218-860-11	METAL CHIP	3.6K 0.5% 1/10W
R1644	1-216-025-11	RES-CHIP	100 5% 1/10W	R6203	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W
R1645	1-216-017-91	RES-CHIP	47 5% 1/10W	R6206	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
R1646	1-218-873-11	METAL CHIP	12K 0.5% 1/10W	R6207	1-218-849-11	METAL CHIP	1.2K 0.5% 1/10W
R1647	1-216-041-00	RES-CHIP	470 5% 1/10W	R6209	1-216-864-11	SHORT CHIP	0
R1649	1-216-049-11	RES-CHIP	1K 5% 1/10W	R6210	1-216-864-11	SHORT CHIP	0
R1650	1-218-839-11	METAL CHIP	470 0.5% 1/10W	R6211	1-218-850-11	METAL CHIP	1.3K 0.5% 1/10W
R1651 Δ	1-205-998-11	CEMENTED	1 5% 10W	R6212	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1652 Δ	1-205-998-11	CEMENTED	1 5% 10W	R6214	1-216-846-11	METAL CHIP	120K 5% 1/10W
R1653 Δ	1-202-719-00	SOLID	1M 20% 1/2W	R6215	1-216-844-11	METAL CHIP	82K 5% 1/10W
R1654	1-260-288-11	CARBON	0.47 5% 1/2W	R6216	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R1655	1-260-288-11	CARBON	0.47 5% 1/2W	R6217	1-218-891-11	METAL CHIP	68K 0.5% 1/10W
R1656	1-215-904-11	METAL OXIDE	100K 5% 2W	R6218	1-218-915-11	METAL CHIP	680K 0.5% 1/10W
R1657	1-215-904-11	METAL OXIDE	100K 5% 2W	R6219	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R1662 Δ	1-218-265-11	METAL	8.2M 5% 1W	R6220	1-218-837-11	METAL CHIP	390 0.5% 1/10W
R1664	1-216-295-91	SHORT CHIP	0	R6221	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R2009	1-216-841-11	METAL CHIP	47K 5% 1/10W	R6222	1-216-807-11	METAL CHIP	68 5% 1/10W
R2024	1-216-841-11	METAL CHIP	47K 5% 1/10W	R6223	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R2025	1-216-838-11	METAL CHIP	27K 5% 1/10W	R6229	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2026	1-216-864-11	SHORT CHIP	0	R6239	1-218-901-11	METAL CHIP	180K 0.5% 1/10W
R2027	1-216-113-00	RES-CHIP	470K 5% 1/10W	R6240	1-218-865-11	METAL CHIP	5.6K 0.5% 1/10W
R2500	1-216-841-11	METAL CHIP	47K 5% 1/10W	R6242	1-218-872-11	METAL CHIP	11K 0.5% 1/10W

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AG H2 H1

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R6256	1-216-841-11	METAL CHIP	47K 5% 1/10W			< IC >	
R6262	1-216-834-11	METAL CHIP	12K 5% 1/10W				
R6263	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6264	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6267	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6303	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R6308	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				
R6309	1-216-821-11	METAL CHIP	1K 5% 1/10W				
		< RELAY >					
RY1601	Δ 1-755-395-11	RELAY (AC POWER)					
		< FILTER >					
SF1001	1-795-617-11	SAW FILTER					
SF1003	1-767-083-11	FILTER, SURFACE WAVE					
		< TRANSFORMER >					
T1200	1-417-646-11	RF SPLITTER					
T1603	Δ 1-435-512-21	TRANSFORMER, CONVERTER (PIT)					
T1605	Δ 1-433-488-31	TRANSFORMER, LINE FILTER					
T6300	Δ 1-443-114-11	TRANSFORMER, STANDBY					
		< TUNER >					
TU1001	8-597-953-00	TUNER, FSS BTP-AC431					
TU1230	8-597-998-00	TUNER, FSS BTP-DC411					
		< VARISTOR >					
VD1602	Δ 1-804-995-11	VARISTOR					
		< CRYSTAL >					
X1001	1-767-704-11	VIBRATOR, CRYSTAL					
X4200	1-760-105-11	VIBRATOR, CRYSTAL					
* A-1107-971-A H2 BOARD COMPLETE							
		< CAPACITOR >					
C2000	1-164-156-11	CERAMIC CHIP 0.1UF	25V				
C9001	1-119-667-11	CERAMIC CHIP 22UF	10V				
C9002	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V				
		< CONNECTOR >					
CN1000	* 1-564-526-31	PLUG, CONNECTOR 11P					
		< DIODE >					
D1700	8-719-069-55	DIODE UDZSTE-175.6B					
D1701	8-719-069-55	DIODE UDZSTE-175.6B					
D1702	8-719-064-11	DIODE SPR-325MVW					
D1704	8-719-064-11	DIODE SPR-325MVW					
D1705	8-719-053-43	DIODE SLR-325VCT31					
		< SWITCH >					
S4400	1-692-431-21	SWITCH, TACTILE					
S4402	1-692-431-21	SWITCH, TACTILE					
		< RESISTOR >					
R4420	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W				
R4421	1-218-847-11	METAL CHIP	1K 0.5% 1/10W				
R4422	1-216-864-11	SHORT CHIP	0				
R4423	1-208-800-11	METAL CHIP	5.6K 0.5% 1/10W				
R4424	1-218-837-11	METAL CHIP	390 0.5% 1/10W				
R4425	1-218-827-11	METAL CHIP	150 0.5% 1/10W				
		< SWITCH >					
S4400	1-692-431-21	SWITCH, TACTILE					
S4402	1-692-431-21	SWITCH, TACTILE					
		< RESISTOR >					
R6310	1-216-864-11	SHORT CHIP	0				
R6311	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6312	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6313	1-216-817-11	METAL CHIP	470 5% 1/10W				
R6314	1-216-813-11	METAL CHIP	220 5% 1/10W				
R6315	1-216-817-11	METAL CHIP	470 5% 1/10W				
R6316	1-216-817-11	METAL CHIP	470 5% 1/10W				
R6317	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6318	1-216-813-11	METAL CHIP	220 5% 1/10W				
R6319	1-216-813-11	METAL CHIP	220 5% 1/10W				
R6320	1-216-017-91	RES-CHIP	47 5% 1/10W				
R6321	1-216-817-11	METAL CHIP	470 5% 1/10W				
R6322	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R6323	1-218-837-11	METAL CHIP	390 0.5% 1/10W				
		< SWITCH >					
S1000	1-692-431-21	SWITCH, TACTILE					
		< CONNECTOR >					
CN4404	* 1-564-519-11	PLUG, CONNECTOR 4P					
		< DIODE >					
D4401	8-719-069-55	DIODE UDZSTE-175.6B					
D4402	8-719-069-55	DIODE UDZSTE-175.6B					
		< RESISTOR >					
R4420	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W				
R4421	1-218-847-11	METAL CHIP	1K 0.5% 1/10W				
R4422	1-216-864-11	SHORT CHIP	0				
R4423	1-208-800-11	METAL CHIP	5.6K 0.5% 1/10W				
R4424	1-218-837-11	METAL CHIP	390 0.5% 1/10W				
R4425	1-218-827-11	METAL CHIP	150 0.5% 1/10W				
		< SWITCH >					
S4400	1-692-431-21	SWITCH, TACTILE					
S4402	1-692-431-21	SWITCH, TACTILE					

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

H1

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
S4403	1-692-431-21	SWITCH, TACTILE		MISCELLANEOUS			
S4404	1-692-431-21	SWITCH, TACTILE			1-826-219-11	LOUD SPEAKER (5.5x15CM)	
S4405	1-692-431-21	SWITCH, TACTILE		Δ	1-823-715-21	CORD, POWER	
S4406	1-692-431-21	SWITCH, TACTILE		Δ	1-787-373-11	D.C. FAN	
					1-576-912-11	THERMOSTAT	
				Δ	1-468-936-13	POWER SUPPLY BLOCK	
				Δ	1-787-231-11	D.C. FAN (SIROCCO)	
				ACCESSORIES AND CONNECTORS			
					1-900-277-08	CONNECTOR ASSY 2P	
					1-910-017-08	CONNECTOR ASSY, 9P EHR-ZHR	
					1-910-017-09	CONNECTOR ASSY, 10P DF13-ZHR	
					1-910-017-10	CONNECTOR ASSY, 15P DF13-EHR	
					1-910-017-11	CONNECTOR ASSY, 8P EHR-DF13	
					1-910-017-12	CONNECTOR ASSY, 6P EHR-ZHR	
					1-910-017-13	CONNECTOR ASSY, 11P EHR-ZHR	
					1-910-017-14	CONNECTOR ASSY, 4P EHR-ZHR	
					1-910-017-15	CONNECTOR ASSY, 11P EHR-ZHR	
					1-910-017-16	CONNECTOR ASSY, 9P EHR-ZHR	
					1-910-017-17	CONNECTOR ASSY, 8P EHR-DF13	
					1-910-017-19	CONNECTOR ASSY, 14 PDF13-DF13	
					1-910-017-21	CONNECTOR ASSY, 5P ZHR-SHR	
					1-910-017-22	CONNECTOR ASSY, 3P VHR-VHR	
					1-910-017-23	CONNECTOR ASSY, 6P EHR-SMR	
					1-910-017-24	CONNECTOR ASSY, 10P EHR-AERIAL	
					1-910-017-25	CONNECTOR ASSY, 2P SMR-RHR	
					1-910-017-27	CONNECTOR ASSY, 15P GHR-DF13	
					1-910-017-28	CONNECTOR ASSY, 3P	
					1-910-018-74	CONNECTOR ASSY, 8P	
					1-910-018-75	CONNECTOR ASSY, 8P	
					1-910-018-91	CONNECTOR ASSY, 2P	
					2-590-739-12	CONNECTOR, HOLDER	
					*2-591-157-21	COVER, POD	
					*2-591-161-11	COVER, ADJUSTER	
					*2-631-704-11	COVER, REAR	
					2-657-538-11	INSTRUCTION MANUAL	
					2-657-538-21	INSTRUCTION MANUAL	
					2-657-538-31	INSTRUCTION MANUAL	
				REMOTE COMMANDER			
					1-479-392-12	REMOTE COMMANDER (RM-ED002)	

