

SERVICE MANUAL

SE-1 CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KDL-15G2000	RM-ED007	AEP	KDL-20G2000	RM-ED007	AEP
KDL-15G2000	RM-ED007	UK	KDL-20G2000	RM-ED007	UK



KDL-15G2000 / KDL-20G2000



RM-ED007

FLAT PANEL COLOR TV
SONY®

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WARNING !!

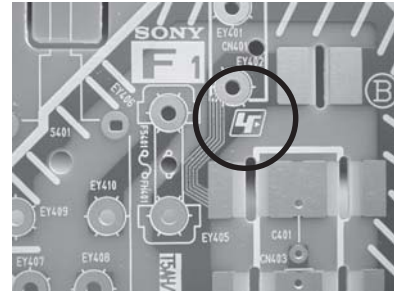
AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

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
E	B/G/H, D/K, I, L, DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size	LCD (Liquid Crystal Display) Panel KDL-15G2000 (15 inches) KDL-20G2000 (20 inches).	Sound Output	
		Right and Left speaker Sub-woofer	2 x 3W (RMS)
Input/Output Terminals [REAR]		General Specifications	
AV1: 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	KDL-15G2000: Approx. 34W / 1.1W KDL-20G2000: Approx. 53W / 1.2W
AV2: 21-pin Euro connector (CENELEC standard) (KDL-20G2000)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of Video and Audio signals (Selectable).SmartLink interface.	Dimensions	KDL-15G2000: Approx. 394x398x170mm (With stand) Approx. 394x366x111mm (Without stand) KDL-20G2000: Approx. 498x477x235mm (With stand) Approx. 498x445x111mm (Without stand)
		Weight	KDL-15G2000: Approx. 5.7kg (With stand) Approx. 4.8kg (Without stand) KDL-20G2000: Approx. 10.4kg (With stand) Approx. 8.9kg (Without stand)
AV2: Phono Jacks (KDL-15G2000) AV3: Phono Jacks (KDL-20G2000)	Y:1 Vp-p, 75 ohms, 0.3V negative sync P _B /C _B :0.7 Vp-p,75 ohms P _R /C _R :0.7 Vp-p,75 ohms Audio Input Jacks: 500mV rms, 47K ohms	Supplied Accessories	RM-ED007 Remote Commander (1) IEC designated R06 battery (2) Mains Lead (1) AC Adaptor (1) Coaxial Cable (KDL-20G2000) (1) Support Belt (1) and Screws (2)
AV4: PC Input (KDL-15G2000)	Minijack. 15 Pin D-Sub Connector.	Other Features	Intergrated Digial Tuner (DVB-T), High Picture Quality, High Sound Quality, Video Label, Channel Return, Sleep Timer, Fanless Design.
CAM	Conditional Access Module		
Input/Output Terminals [SIDE]		Remote control system : Infrared control	
Headphone jack	Stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	Phono jacks		
Video input	Phono jack		
S Video input	4 pin mini DIN		
Design and specifications are subject to change without notice.			

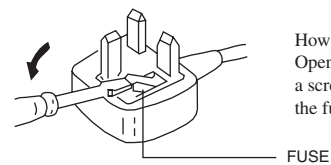
Item	Model Name	KDL-15G2000 KDL-20G2000 (AEP)	KDL-15G2000 KDL-20G2000 (UK)
PAP		OFF	OFF
PAT		OFF	OFF
RGB Priority		ON	ON
Sub Woofer		OFF	OFF
Scart 1		ON	ON
Scart 2		ON	ON
Front in (3) (KDL-15G2000) Front in (4) (KDL-20G2000)		ON	ON
Projector		OFF	OFF
Norm B/G		ON	OFF
Norm I		ON	ON
Norm D/K		ON	OFF
Norm AUS		OFF	OFF
Norm L		ON	OFF
Norm SAT		OFF	OFF
Norm M		OFF	OFF
Teletext		ON	ON
Nicam Stereo		ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** rating. Should the fuse need to be replaced, use a **5AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the  mark.

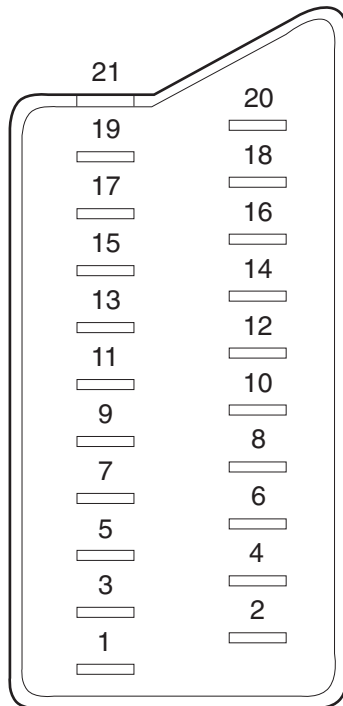
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

21 pin connector



Pin No	1	2	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	●	○	AVlink	
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 (Ys 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



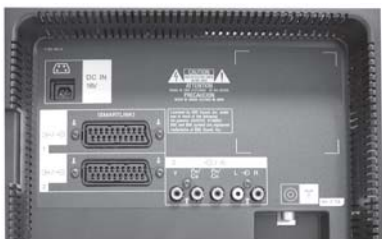
Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel

KDL-15G2000



KDL-20G2000



Side Connection Panel



S-Video socket

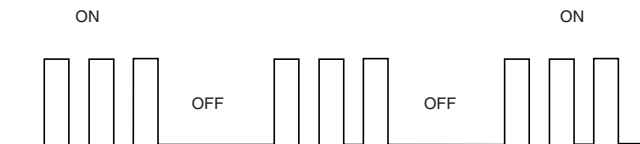
S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V +/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V +/- 3dB 75ohm, positive Sync.

SE-1 SELF DIAGNOSTIC SOFTWARE

The identification of errors within the SE-1 chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

Flash Timing Example : e.g. error number 3

SiBy LED



LED Error Code

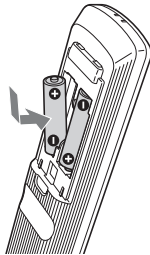
Error Message	LED Code	Checked	Action
Power Supply Protection Error	03	In Normal mode.	Goes into standby. LED flashes 3 times.
Panel Error	04	In Normal mode.	Goes into standby. LED flashes 4 times.
NVM Error	05	In Initialisation state.	Adds error to Error Menu. LED flashes 5 times in factory mode.
IIC Error	06	In Initialisation state.	Adds error to Error Menu. LED flashes 6 times in factory mode.
HDMI Error	07	In Initialisation state.	Adds error to Error Menu. LED flashes 7 times in factory mode.
Digital Error	08	In Initialisation state.	Adds error to Error Menu. LED flashes 8 times in factory mode.
Tuner Error	09	In Initialisation state.	Adds error to Error Menu. LED flashes 9 times in factory mode.
Sound Processor Error	10	In Initialisation state.	Adds error to Error Menu. LED flashes 10 times in factory mode.
Video Processor (VCTP) Error	11	In Initialisation state.	Adds error to Error Menu. LED flashes 11 times in factory mode.
Port Expander Error	12	In Initialisation state.	Adds error to Error Menu. LED flashes 12 times in factory mode.
RTC IC Error	14	In Initialisation state.	Adds error to Error Menu. LED flashes 14 times in factory mode.

SECTION 1 GENERAL

1: Checking the accessories

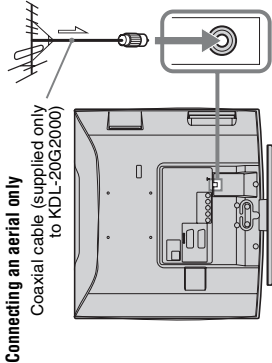
- Remote RM-ED007 (1)
- Size AA batteries (R6 type) (2)
- Support belt (1) and screws (2)
- Coaxial cable (only for KDL-20G2000) (1)
- Mains lead (Type C-6) (1)
- AC adaptor (1)

To insert batteries into the remote

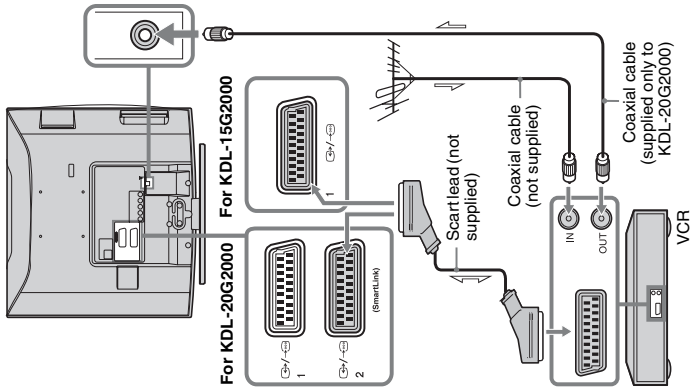


- Notes**
- Observe the correct polarity when inserting batteries.
 - Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
 - Do not use different types of batteries together or mix old and new batteries.
 - Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
 - Do not place the remote in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.

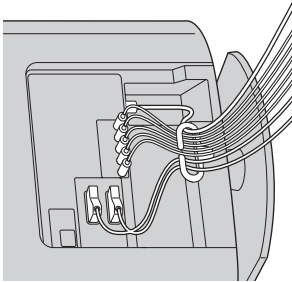
2: Connecting an aerial/VCR



Connecting an aerial and VCR

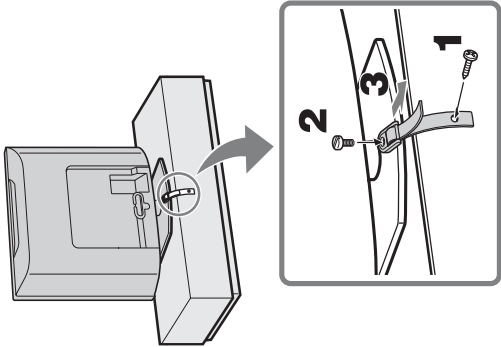


3: Bundling the cables

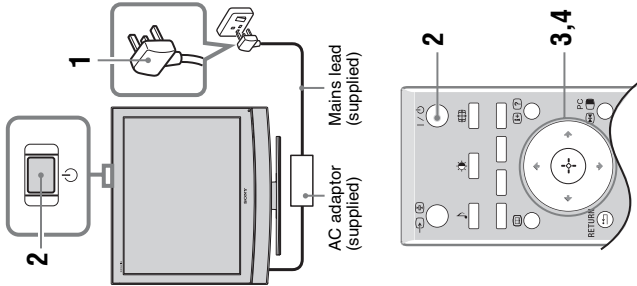


4: Preventing the TV from toppling over

(only for KDL-20G2000)



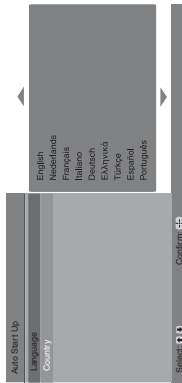
5: Selecting the language and country/region



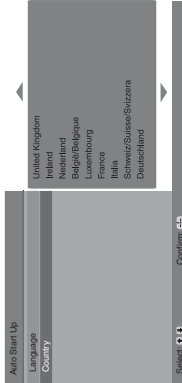
- 1 Connect the TV to your mains socket (220-240 V AC, 50 Hz).
- 2 Press  on the TV (top side).
When you switch on the TV for the first time, the Language menu appears on the screen.
When the TV is in standby mode (the  (standby) indicator on the TV (front) is red), press  on the remote to switch on the TV.

6: Auto-tuning the TV

- 3 Press $\triangle/\nabla$ to select the language displayed on the menu screens, then press $\odot$.



- 4 Press $\triangle/\nabla$ to select the country/region in which you will operate the TV, then press $\odot$.



If the country/region in which you want to use the TV does not appear in the list, select “-” instead of a country/region.

The message confirming the TV start auto-tuning appears on the screen, then go to “6: Auto-tuning the TV”.

- 1 Press $\odot$.



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.

If a message appears for you to confirm the aerial connections

No digital or analogue channels were found. Check all the aerial connections and press $\odot$ to start auto-tuning again.

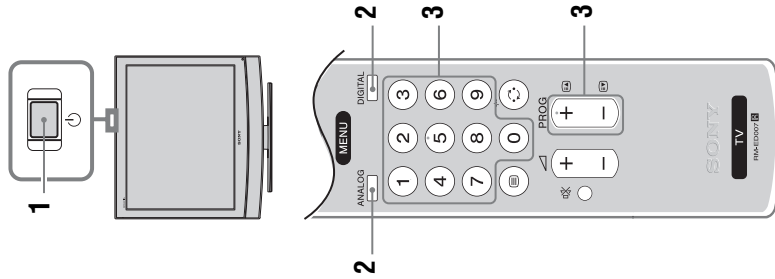
- 2 When the Programme Sorting menu appears on the screen, follow the steps of “Programme Sorting” (page 24).

If you do not wish to change the order in which the analogue channels are stored on the TV, go to step 3.

- 3 Press MENU to exit.

The TV has now tuned in all the available channels.

Watching TV



- 1 Press $\odot$ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the $\odot$ (standby) indicator on the TV (front) is red), press $\mathbf{I}/\odot$ on the remote to switch on the TV.

- 2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

- 3 Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.

To select a digital channel using the Digital Electronic Programme Guide (EPC), see page 15.

In digital mode

An information banner appears briefly. The following icons may be indicated on the banner.

$\square$: Interactive service (MHEG Digital Text) is available

$\square$: Interactive service (MHEG Digital Text) is currently disabled

$\square$: Radio service

$\square$: Scrambled/Subscription service

$\square$: Multiple audio languages available

$\square$: Subtitles available

$\square$: Subtitles available for the hearing impaired

$\square$: Recommended minimum age for current programme (from 4 to 18 years)

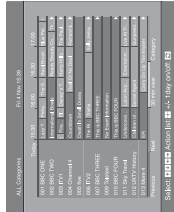
$\square$: Parental Lock

$\square$: Current programme is being recorded

Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press $\mathbf{I}/\odot$.
Turn on the TV from Standby mode without sound	Press $\square$. Press $\triangle/-$ to set the volume level.
Turn off the TV	Press $\odot$ on the TV (top side).
Adjust the volume	Press $\triangle/+$ (increase)/ - (decrease).
Mute the sound	Press $\square$. Press again to restore.
Access the Programme index table (in analogue mode only)	Press $\odot$. To select an analogue channel, press $\triangle/\nabla$, then press $\odot$.
To access the Input signal index table, see page 18.	

Checking the Digital Electronic Programme Guide (EPG) DV3



- 1 In digital mode, press **[OK]** to display the Digital Electronic Programme Guide (EPG).
- 2 Perform the desired operation, as shown in the following table.

Note

Programme information will only be displayed if the TV station is transmitting it.

Digital Electronic Programme Guide (EPG)

To	Do this
Turn off the EPG	Press [OFF] .
Move through the EPG	Press [Left]/[Right]/[Up]/[Down] .
Watch a current programme	Press [+] while the current programme is selected.
Sort the programme information by category – Category list	1 Press the blue button. 2 Press [Left]/[Right] to select a category. The category name is displayed on the side. The categories available include: “Favourite”: Contains all the channels that have been stored in the Favourite list (page 17). “All Categories”: Contains all available channels. “News”: Contains all news channels. 3 Press [+]. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.

Set a programme to be recorded – Timer REC	1 Press [Left]/[Right] to select the future programme you want to record. 2 Press [+]. 3 Press [Left]/[Right] to select “Timer REC”. 4 Press [+] to set the TV and your VCR timers. A [TV] symbol appears by that programme’s information. The [TV] indicator on the TV (front) lights up.
--	--

Notes

- You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer.
- Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.
- If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to “Parental Lock” on page 28.

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 4)

In analogue mode, press PROG +/-, or the number buttons, to select the video channel.

For other connected equipment

Press **[Left]/[Right]** repeatedly until the correct input symbol (see below) appears on the screen.

For KDL-15G2000

[TV]/[AV1]/[AV2] AV1:

Audio/video or RGB input signal through the scart socket **[TV]/[AV1]**. **[AV2]** appears only if an RGB source has been connected.

[TV]/[AV2]:

Component input signal through the Y, Pb/Cb, Pr/Cr sockets **[TV]/[AV2]**, and audio input signal through the L, R sockets **[TV]/[AV2]**. As for supported signal format, please refer to “Specifications” (page 31).

[TV]/[AV3]/[AV2] AV3:

Video input signal through the video socket **[TV]/[AV3]**, and audio input signal through the L (MONO), R audio sockets **[TV]/[AV3]**. **[AV2]** appears only if the equipment is connected to the S video socket **[TV]/[AV3]** instead of the video socket **[TV]/[AV3]**, and S video input signal is input through the S video socket **[TV]/[AV3]**.

[TV]/[AV4]:

RGB input signal through the PC connectors **[TV]/[AV4]**, and audio input signal through the socket **[TV]/[AV4]**.

For KDL-20G2000

[TV]/[AV1]/[AV2] AV1, **[TV]/[AV2]/[AV2]** AV2:

Audio/video or RGB input signal through the scart socket **[TV]/[AV1]** or **[TV]/[AV2]**. **[AV2]** appears only if an RGB source has been connected.

[TV]/[AV3]:

Component input signal through the Y, Pb/Cb, Pr/Cr sockets **[TV]/[AV3]**, and audio input signal through the L, R sockets **[TV]/[AV3]**. As for supported signal format, please refer to “Specifications” (page 31).

[TV]/[S-VIDEO]/[AV4]:

Video input signal through the video socket **[TV]/[S-VIDEO]**, and audio input signal through the L (MONO), R audio sockets **[TV]/[S-VIDEO]** appears only if the equipment is connected to the S video socket **[TV]/[S-VIDEO]** instead of the video socket **[TV]/[S-VIDEO]**, and S video input signal is input through the S video socket **[TV]/[S-VIDEO]**.

Additional operations

To Do this

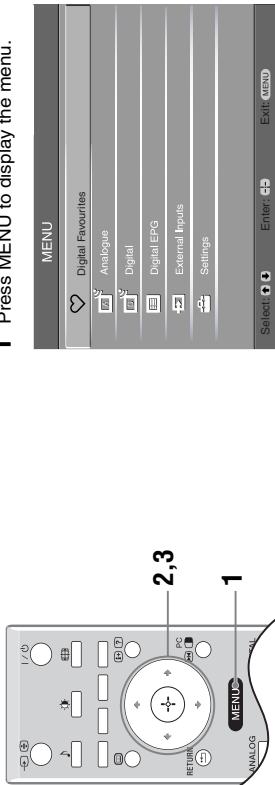
Return to the normal Press DIGITAL or ANALOG, TV operation

Access the Input signal index table Press **[+]** to access the Input signal index table. (Then, only in analogue mode, press **[+]**.) To select an input source, press **[+]**, then press **[+]**.

Navigating through menus

“MENU” allows you to enjoy various convenient features of this TV. You can easily select channels or external inputs with the remote. Also, settings for your TV can be changed easily using “MENU”.

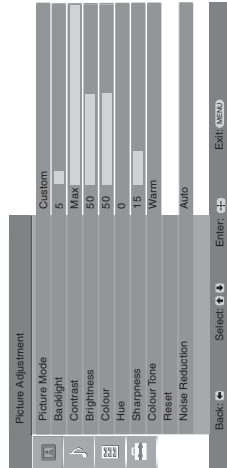
- 1 Press MENU to display the menu.



- 2 Press $\uparrow/\downarrow$ to select an option.
 - 3 Press $\rightarrow$ to confirm a selected option.
- To exit the menu, press MENU.

Menu	Description
 Digital Favourites (in digital mode only)	Launches the Favourite list. For details about settings, see page 17.
 Analogue (in digital mode only)	Returns to the last viewed analogue channel.
 Digital (in digital mode only)	Returns to the last viewed digital channel.
 Digital EPG (in digital mode only)	Launches the Digital Electronic Programme Guide (EPG). For details about settings, see page 15.
 External Inputs	Selects equipment connected to your TV. - To watch the desired external input, select the input source, then press $\rightarrow$. - To assign a label to an external input, see page 24.
 Settings	Opens the Settings menu screen where most of advanced settings and adjustments are performed. Select a menu icon, select an option and make the desired change or adjustment using $\uparrow/\downarrow/\leftarrow/\rightarrow$. For details about settings, see page 20 to 28.
	Note The options you can adjust vary depending on the situation. Unavailable options are grayed out or not displayed.

Picture Adjustment menu

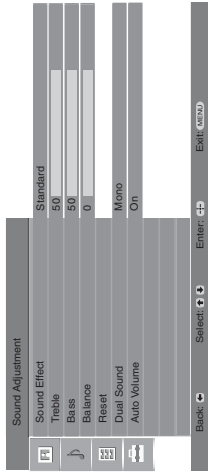


You can select the options listed below on the Picture menu. To select options in “Settings”, see “Navigating through menus” (page 19).

Picture Mode	Selects the picture mode. “Vivid”: For enhanced picture contrast and sharpness. “Standard”: For standard picture. Recommended for home entertainment. “Custom”: Allows you to store your preferred settings.
Backlight	Adjusts the brightness of the backlight.
Contrast	Increases or decreases picture contrast.
Brightness	Brightens or darkens the picture.
Colour	Increases or decreases colour intensity.
Hue	Increases or decreases the green tones. Tip “Hue” can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).
Sharpness	Sharpens or softens the picture.
Colour Tone	Adjusts the whiteness of the picture. “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” can only be selected when you set “Picture Mode” to “Custom”.
Reset	Resets all picture settings except “Picture Mode” to the factory settings.
Noise Reduction	Reduces the picture noise (snowy picture) in a weak broadcast signal. “Auto”: Automatically reduces the picture noise. “Off”: Turns off the Noise Reduction feature.

Sound Adjustment menu

You can select the options listed below on the Sound menu. To select options in “Settings”, see “Navigating through menus” (page 19).



Sound Effect

- Selects the sound mode.
- “Standard”: Enhances clarity, detail, and sound presence by using “BBE High definition Sound System.”
 - “Dynamic”: Intensifies clarity and sound presence for better intelligibility and musical realism by using the “BBE High definition Sound System.”
 - “BBE VIVA”: BBE VIVA Sound provides musically accurate natural 3D image with Hi-Fi sound. The clarity of the sound is improved by BBE while the width, depth, and height of sound image are expanded by BBE’s proprietary 3D sound process. BBE VIVA Sound is compatible with all TV programs including news, music, dramas, movies, sports and electronic games.
 - “Off”: Flat response.

Tip

You can change sound effect by pressing **Δ** repeatedly.

Treble

Adjusts higher-pitched sounds.

Bass

Adjusts lower-pitched sounds.

Balance

Emphasizes left or right speaker balance.

Reset

Resets all the sound settings to the factory settings.

Dual Sound

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

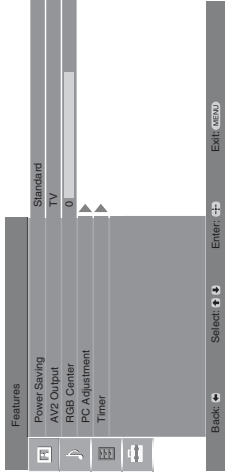
If you select other equipment connected to the TV, set “Dual Sound” to “Stereo”, “A” or “B”.

Auto Volume

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

Features menu

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



Power Saving

Selects the power saving mode to reduce the power consumption of the TV.

- “Standard”: Default settings.
- “Reduce”: Reduces the power consumption of the TV.
- “Picture Off”: Switches off the picture. You can listen to the sound with the picture off.

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.

- “TV”: Outputs a broadcast.
- “Auto”: Outputs whatever is being viewed on the screen.

RGB Center

Adjusts the horizontal picture position so that the picture is in the middle of the screen.

Tip

This option is only available if an RGB source has been connected to scart connector **AV1**, or to scart connector **AV2** (only for KDL-20G2000) on the rear of the TV.

PC Adjustment

(only for KDL-15G2000)

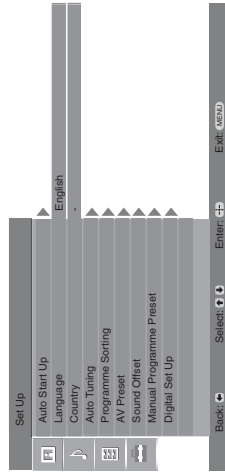
Customizes the TV screen as a PC monitor.

Tip

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

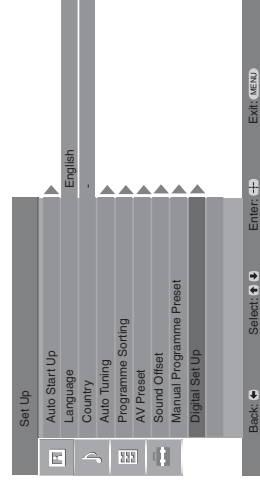
- “Phase”: Adjust the screen when a part of a displayed text or image is not clear.
- “Pitch”: Enlarges or shrinks the screen size horizontally.
- “H Center”: Moves the screen to the left or to the right.
- “Power saving”: Turns to standby mode if no PC signal is received.
- “Reset”: Resets to the factory settings.

Set-up menu



You can select the options listed below on the Set-up menu. To select options in “Settings”, see “Navigating through menus” (page 19).

Digital Set Up menu



You can change/set the digital settings using the Digital Set Up menu. To select options in “Settings”, 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 (page 5, 6). 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).

Language

Selects the language in which the menus are displayed.

Country

Selects the country/region where you operate the TV.

Tip

The country/region in which you want to use the TV does not appear in the list, select “.” instead of a country/region.

Auto Tuning

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 5, 6). 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).

Programme Sorting

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

- 1 Press $\uparrow/\downarrow$ to select the channel you want to move to a new position, then press $\leftarrow$.
- 2 Press $\uparrow/\downarrow$ to select the new position for your channel, then press $\rightarrow$.

AV Preset

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. You can skip an input source that is not connected to any equipment.

- 1 Press $\uparrow/\downarrow$ to select the desired input source, then press $\rightarrow$.
- 2 Press $\uparrow/\downarrow$ to select the desired option below, then press $\rightarrow$.
 - AV1 (or AV2/AV3/AV4/PC), VIDEO, DVD, CABLE, GAME, CAM, SAT: Uses one of the preset labels to assign a name to connected equipment.
 - “Edit”: Creates your own label.
 - “Skip”: Skips an input source that is not connected to any equipment when you press $\uparrow/\downarrow$ to select the input source.

Sound Offset

Sets an independent volume level to each equipment connected to the TV.

Digital Tuning

Displays the “Digital Tuning” menu.

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 5). 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).

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 $\uparrow/\downarrow$ to select the channel you want to remove or move to a new position.

If you know the programme number (frequency)

Press the number buttons to enter the three-digit programme number of the broadcast you want.

- 2 Remove or change the order of the digital channels as follows:

To remove the digital channel

Press $\rightarrow$. A message that confirms whether the selected digital channel is to be deleted appears. Press $\leftarrow$ to select “Yes”, then press $\rightarrow$.

To change the order of the digital channels

Press $\rightarrow$, then press $\uparrow/\downarrow$ to select the new position for the channel and press $\rightarrow$. Repeat the procedure in steps 1 and 2 to move other channels if required.

- 3 Press RETURN.

Digital Manual Tuning

Tunes the digital channels manually.

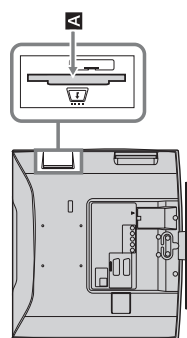
- 1 Press the number button to select the channel number you want to manually tune, then press $\uparrow/\downarrow$ to tune the channel.
- 2 When the available channels are found, press $\uparrow/\downarrow$ to select the channel you want to store, then press $\rightarrow$.
- 3 Press $\uparrow/\downarrow$ to select the programme number where you want to store the new channel, then press $\rightarrow$.

Repeat the procedure above to tune other channels manually.

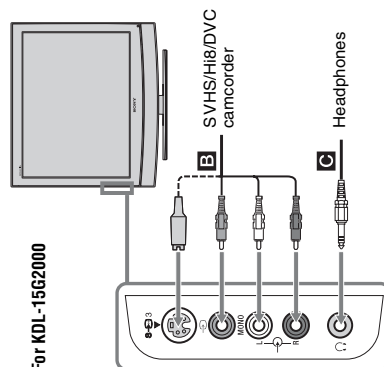
Connecting optional equipment

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

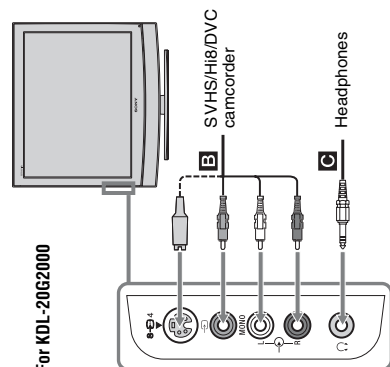
Connecting to the TV (side)



For KDL-15G2000



For KDL-20G2000



To connect

Conditional Access Module (CAM) **A**

To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot.

Do this

To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot.

S VHS/Hi8/DVC camcorder **B** (for KDL-15G2000)

Connect to the S video socket $\rightarrow$ 3, and the audio sockets $\rightarrow$ 3. To avoid picture noise, do not connect the camcorder to the video socket $\rightarrow$ 3 and the S video socket $\rightarrow$ 3 at the same time. If you connect mono equipment, connect to the L socket $\rightarrow$ 3, and set "Dual Sound" to "A" (page 21).

S VHS/Hi8/DVC camcorder **B** (for KDL-20G2000)

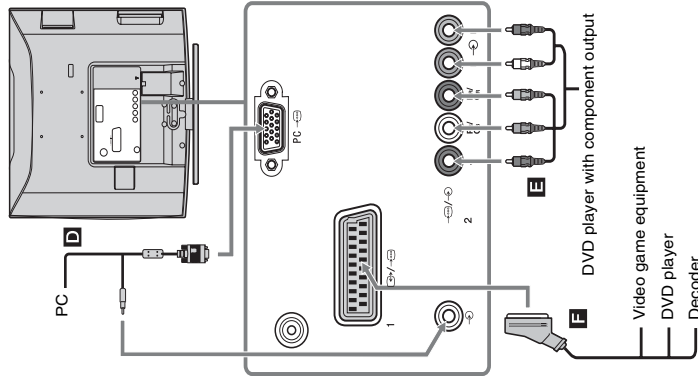
Connect to the S video socket $\rightarrow$ 4, and the audio sockets $\rightarrow$ 4. To avoid picture noise, do not connect the camcorder to the video socket $\rightarrow$ 4 and the S video socket $\rightarrow$ 4 at the same time. If you connect mono equipment, connect to the L socket $\rightarrow$ 4, and set "Dual Sound" to "A" (page 21).

Headphones **C**

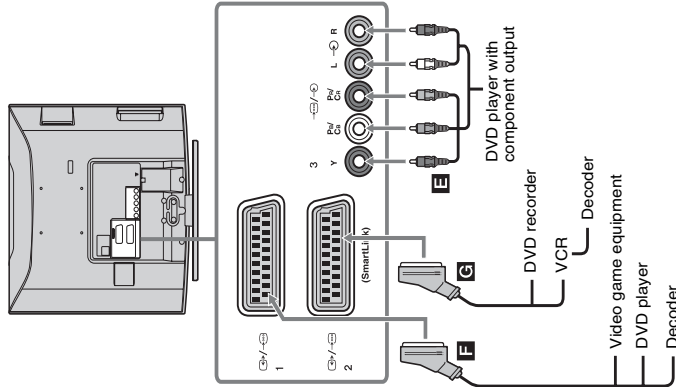
Connect to the $\rightarrow$ socket to listen to sound from the TV on headphones.

Continued

For KDL-15G2000



For KDL-20G2000



To connect

PC **D**

Connect to the PC $\rightarrow$ sockets. It is recommended to use a PC cable with ferrites.

DVD player with component output **E**

Connect to the component sockets and the audio sockets $\rightarrow$ 2 (for KDL-15G2000) and $\rightarrow$ 3 (for KDL-20G2000).

Video game equipment, DVD player or decoder **F**

Connect to the scart socket $\rightarrow$ 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 SmartLink **G**

Connect to the scart socket $\rightarrow$ 2. SmartLink is a direct link between the TV and a VCR/ DVD recorder.

Specifications

Display Unit

Screen Size:
KDL-20G2000: 20 inches
KDL-15G2000: 15 inches

Display Resolution:
KDL-20G2000: 640 dots (horizontal) × 480 lines (vertical)
KDL-15G2000: 1,024 dots (horizontal) × 768 lines (vertical)

Power Requirements:
220–240 V AC, 50 Hz
AC power adaptor:
KDL-20G2000:
Model name: AC-FD008
Rating: Input AC 100 V-240 V
50/60 Hz, 125 W
Output DC 18 V 6.11 A
KDL-15G2000:
Model name: AC-FD006
Rating: Input AC 100 V-240 V
50/60 Hz, 74 W
Output DC 16.5 V 3.9 A

Power Consumption:
KDL-20G2000: 53 W
KDL-15G2000: 34 W
Standby Power Consumption:
KDL-20G2000: 1.2 W
KDL-15G2000: 1.1 W
Dimensions (w × h × d):
KDL-20G2000:
Approx. 498 × 477 × 235 mm (with stand)
Approx. 498 × 445 × 111 mm (without stand)
KDL-15G2000:
Approx. 394 × 398 × 170 mm (with stand)
Approx. 394 × 366 × 111 mm (without stand)

Mass:
KDL-20G2000:
Approx. 10.4 kg (with stand)
Approx. 8.9 kg (without stand)
KDL-15G2000:
Approx. 5.7 kg (with stand)
Approx. 4.8 kg (without stand)

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
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

Aerial

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2–E12
UHF: E21–E69
CATV: S1–S20
HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69
Digital: VHF/UHF

Terminals

 21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.
 2 (SmartLink) (only for KDL-20G2000)
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output and SmartLink interface.
 3 (For KDL-20G2000) /  2 (For KDL-15G2000)
Supported formats: 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3V negative sync
Pb/Cb: 0.7 Vp-p, 75 ohms
Pr/Cr: 0.7 Vp-p, 75 ohms
 3 (For KDL-20G2000) /  2 (For KDL-15G2000)
Audio input (phono jacks)
500 mVrms
Impedance: 47 kilo ohms
For KDL-20G2000
 4 S video input (4-pin mini DIN)
 4 Video input (phono jack)
 4 Audio input (phono jacks)
For KDL-15G2000
 3 S video input (4-pin mini DIN)
 3 Video input (phono jack)
 3 Audio input (phono jacks)
PC  PC Input (15 Dsub) (see page 30) (only for KDL-15G2000)
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 (mini) jack
 Headphones jack
 CAM (Conditional Access Module) slot

Continued

Sound Output
KDL-20G2000: 3 W + 3 W (RMS)
KDL-15G2000: 3 W + 3 W (RMS)
Design and specifications are subject to change without notice.

Supplied Accessories

Refer to “1: Checking the accessories” on page 4.

PC Input Signal Reference Chart (only for KDL-15G2000)

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5	60	VGA
SVGA	800	600	37.9	60	VESA Guidelines
XGA	1024	768	48.4	60	VESA Guidelines

- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC input does not support interlaced signals.
- This TV's PC input supports signals in the above chart with a 60 Hz vertical frequency. For other signals, you will see the message “Out of range”.

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 (top 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	- Check the aerial connection. - Connect the TV to the mains, and press  on the TV (top side). - If the  (standby) indicator lights up in red, press .
Double images or ghosting	- Check aerial/cable connections. - Check the aerial location and direction.
Only snow and noise appear on the screen	- 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).
Distorted picture (dotted lines or stripes)	- Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment. - When installing optional equipment, leave some space between the optional equipment and the TV. - Make sure that the aerial is connected using the supplied coaxial cable. - Keep the aerial cable away from other connecting cables.
Picture noise when viewing a TV channel	Select "Manual Programme Preset" in the "Set-Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 25).
Some tiny black points and/or bright points on the screen	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.
No colour on programmes	Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 20).
No colour or irregular colour when viewing a signal from the Y, Pb/Cb, Pr/Cr jacks of  2 (for KDL-15G2000) and  3 (for KDL-15G2000) and (for KDL-15G2000) and  3 (for KDL-20G2000)	- Check the connection of the Y, Pb/Cb, Pr/Cr jacks of 2 (for KDL-15G2000) and 3 (for KDL-20G2000). - Make sure that the Y, Pb/Cb, Pr/Cr jacks of 2 (for KDL-15G2000) and 3 (for KDL-20G2000) are firmly seated in their respective sockets.

Continued

Sound

Problem	Cause/Remedy
No sound, but good picture	Press  or  (Mute).
Noisy sound	See the "Picture noise" causes/remedies on page 33.

Channels

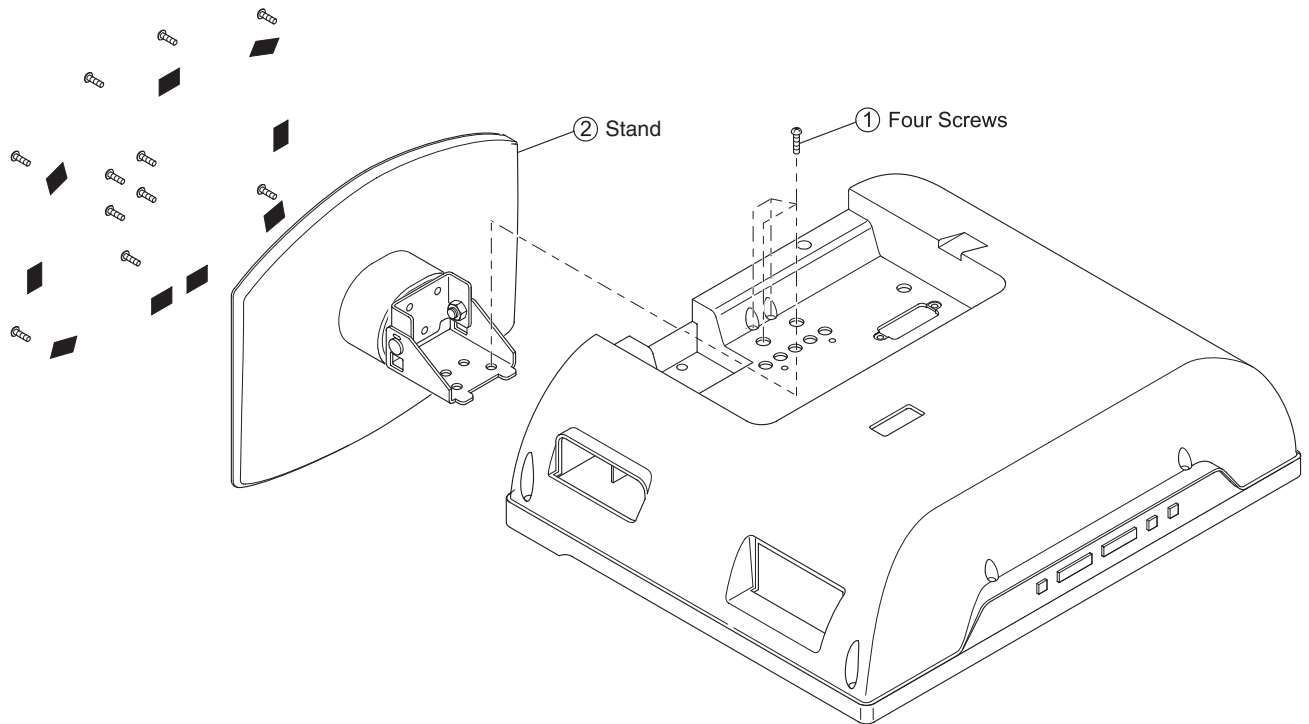
Problem	Cause/Remedy
The desired channel cannot be selected	Switch between digital and analogue mode and select the desired digital/analogue channel.
Some channels are blank	- Scrambled/Subscription only channel. Subscribe to the Pay Per View service. - Channel is used only for data (no picture or sound). - Contact the broadcaster for transmission details.
Digital channel is not displayed	- 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.

General

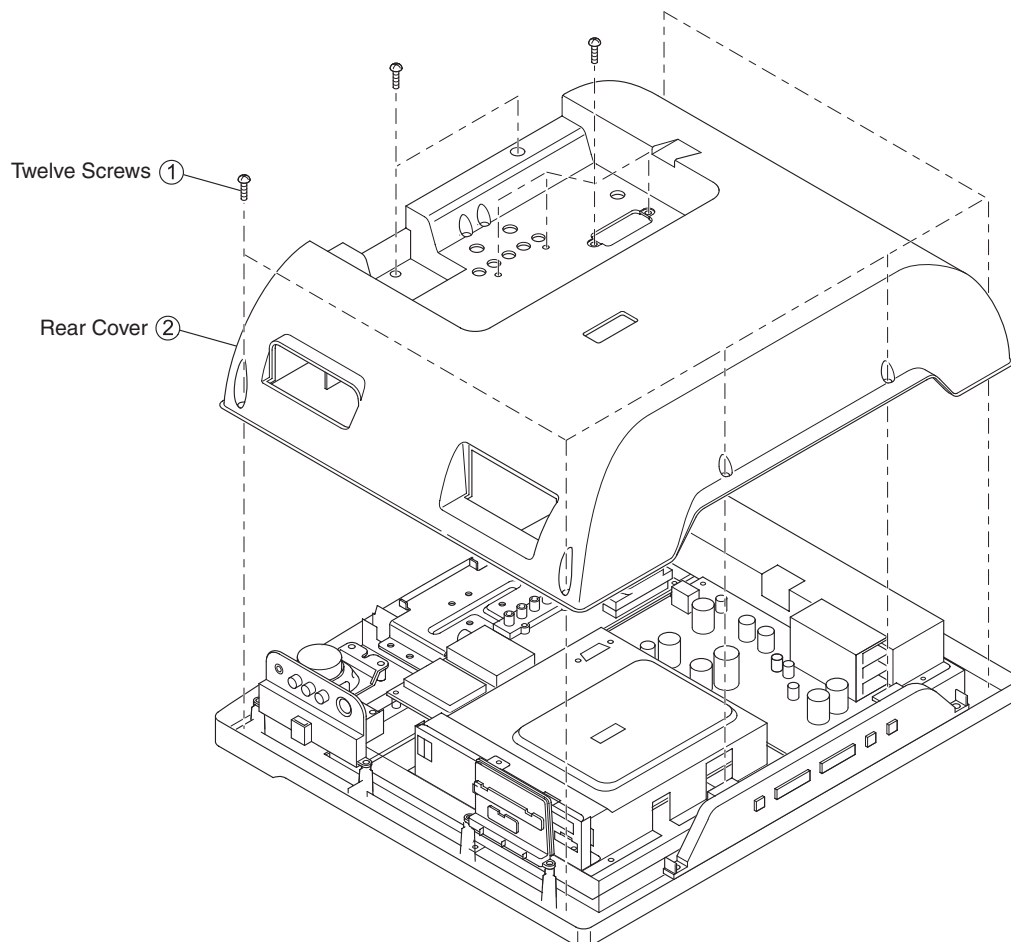
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	- Check if the "Sleep Timer" is activated, or confirm the setting of "Off Time" (page 23). - If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	Check if the "On Time" is activated (page 23).
Some input sources cannot be selected	Select "AV Preset" in the "Set-up" menu and cancel "Skip" of the input source (page 24).
The remote does not function	Replace the batteries.

SECTION 2 DISASSEMBLY

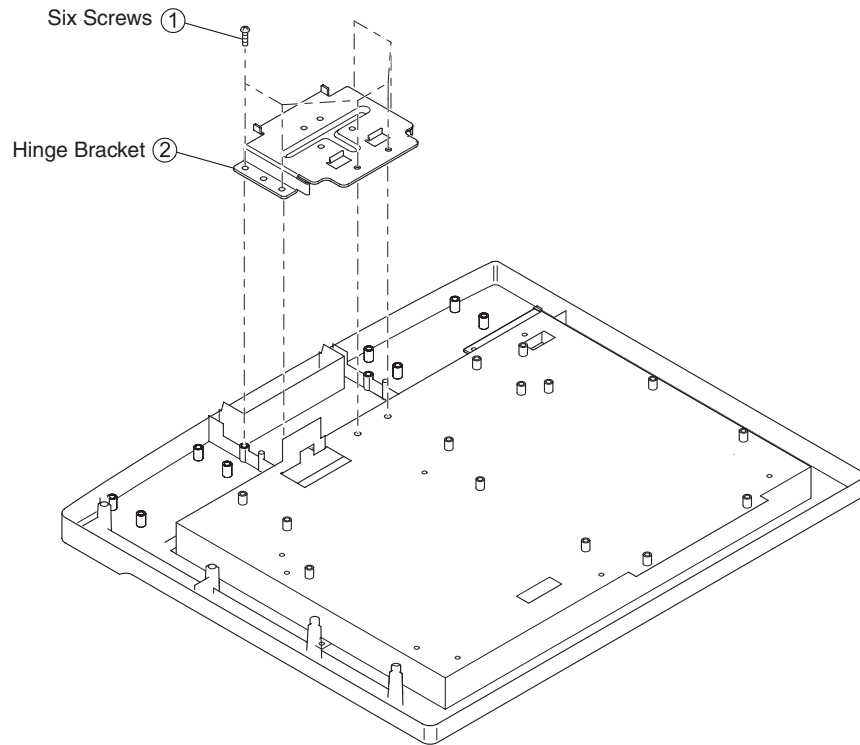
2-1. STAND REMOVAL



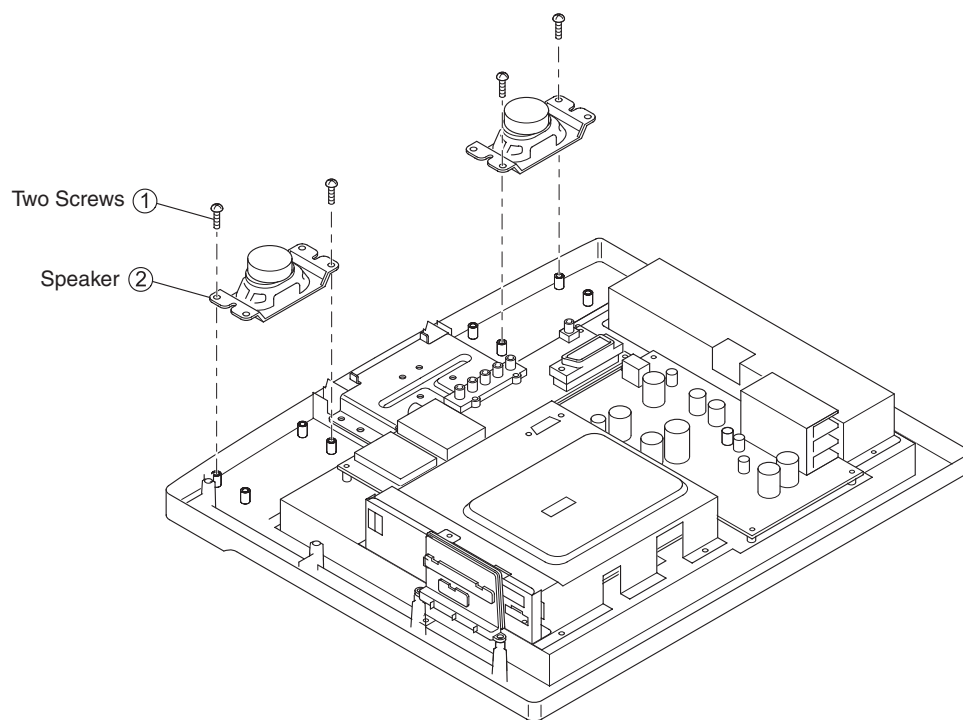
2-2. REAR COVER REMOVAL



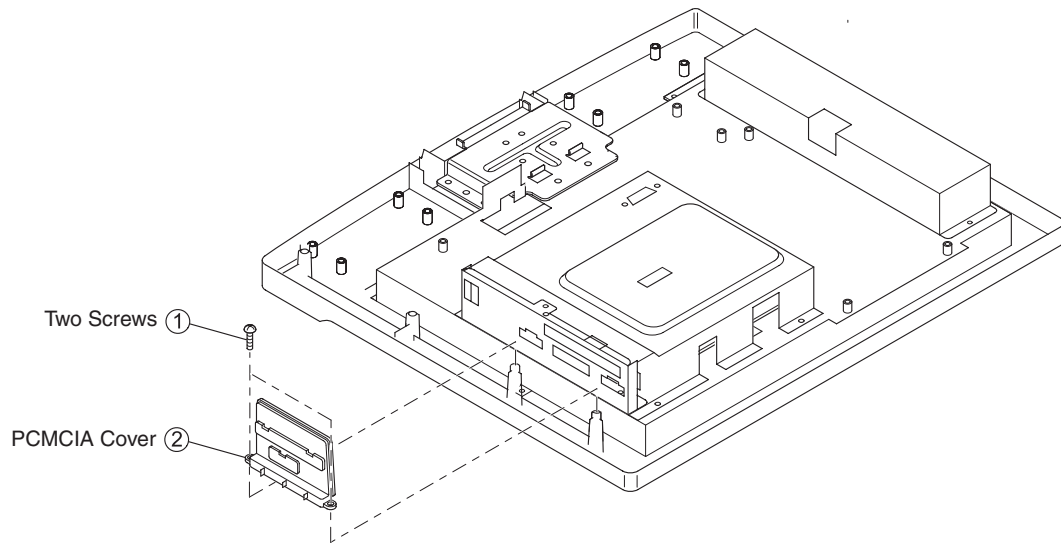
2-3. HINGE BRACKET REMOVAL



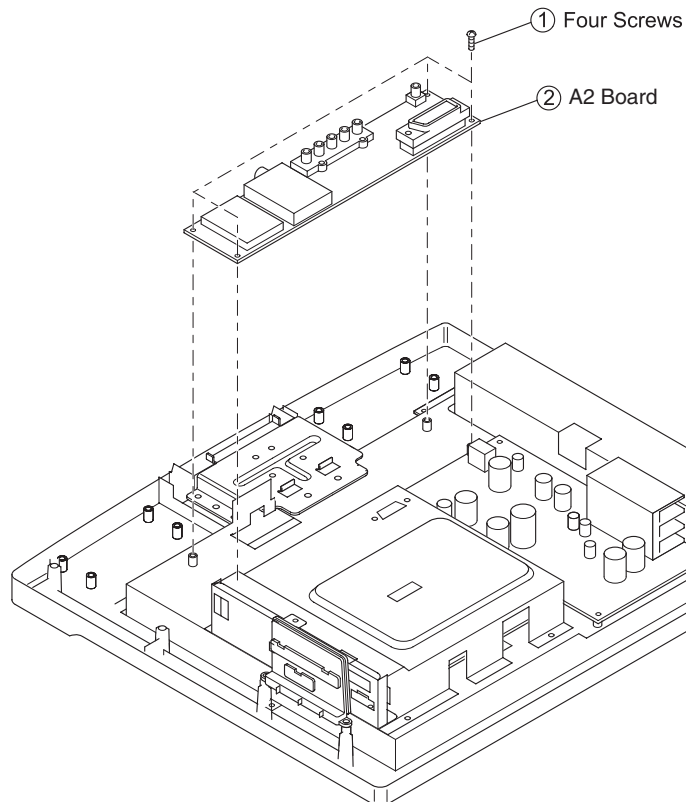
2-4. SPEAKER REMOVAL



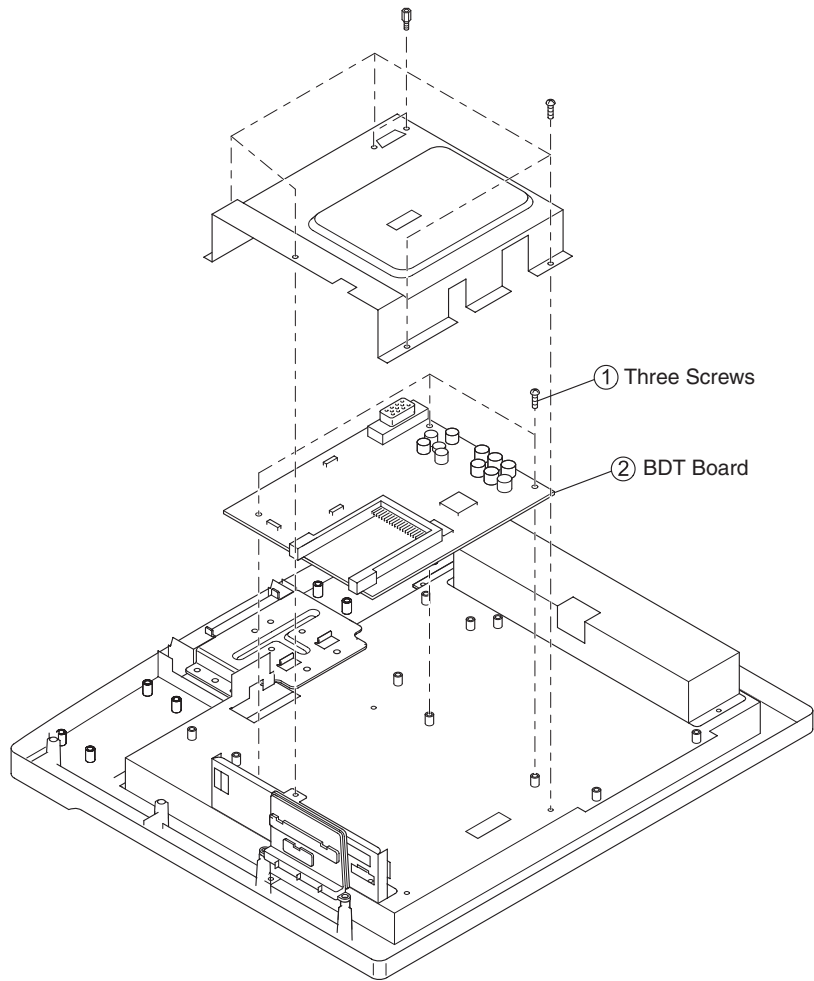
2-5. PCMCIA COVER REMOVAL



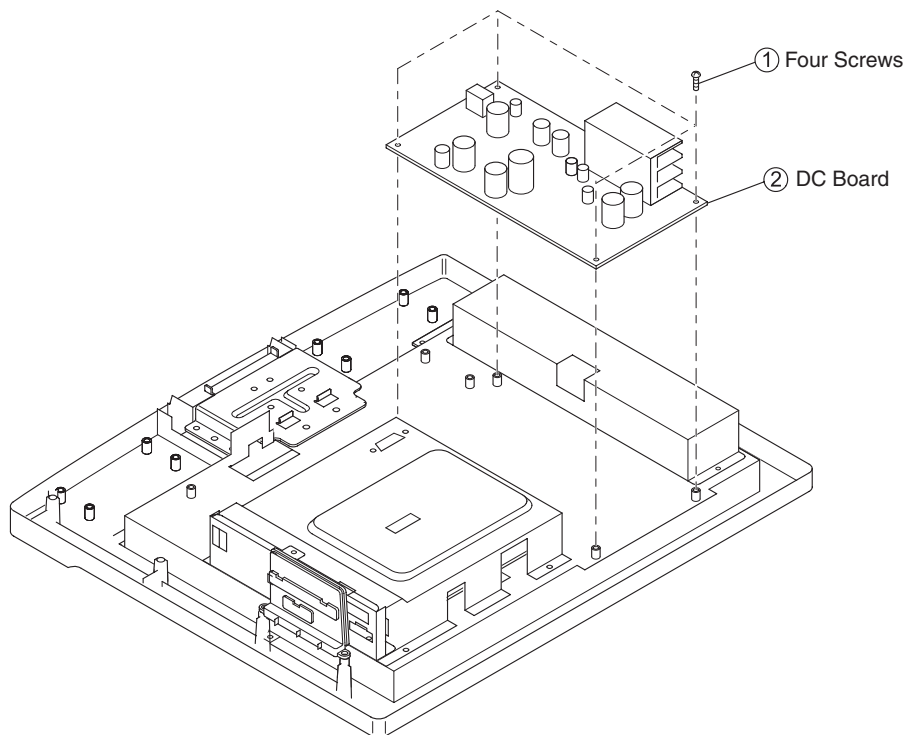
2-6. A2 BOARD REMOVAL



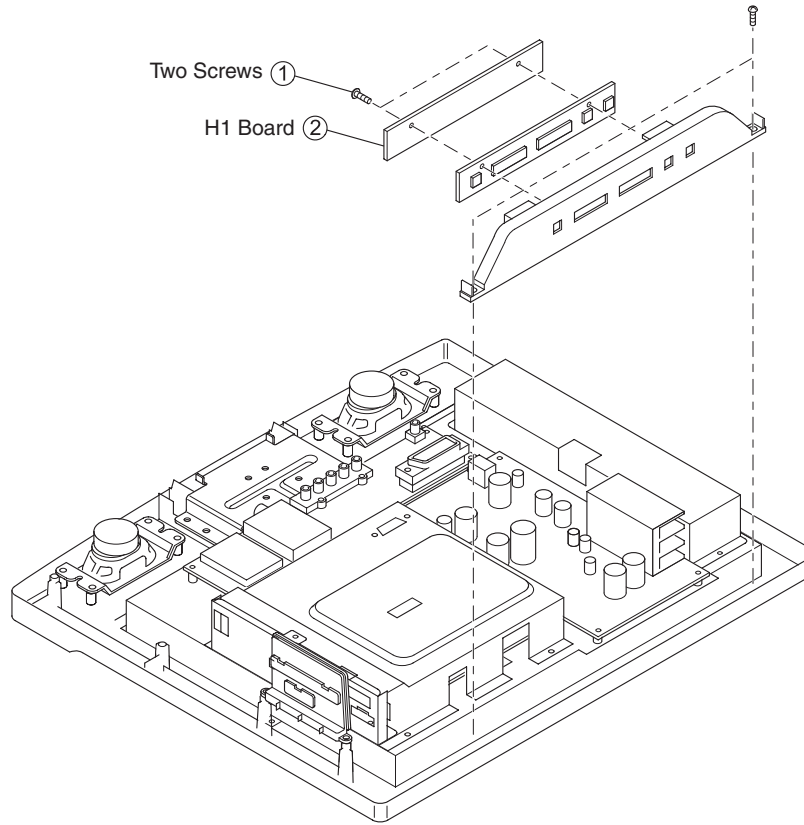
2-7. BDT BOARD REMOVAL



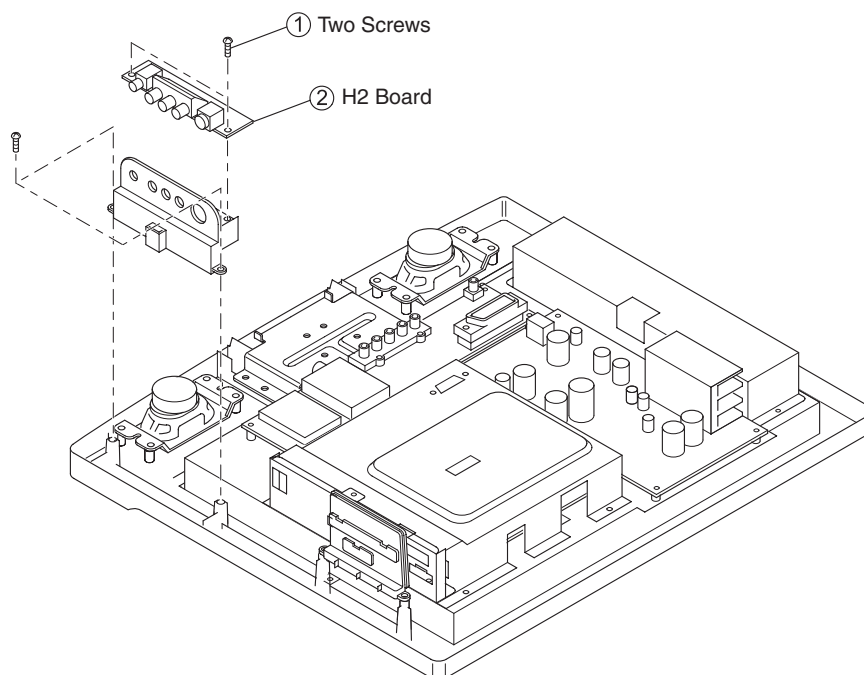
2-8. DC BOARD REMOVAL



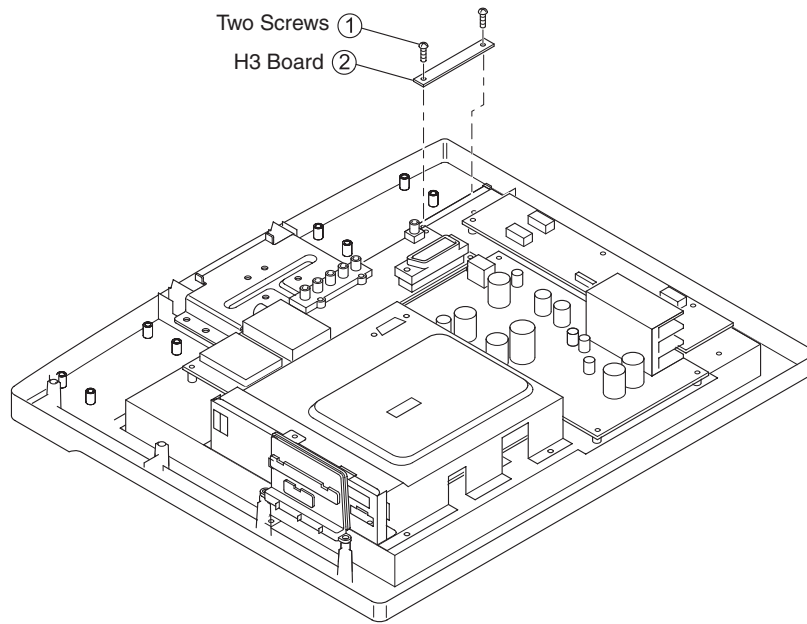
2-9. H1 BOARD REMOVAL



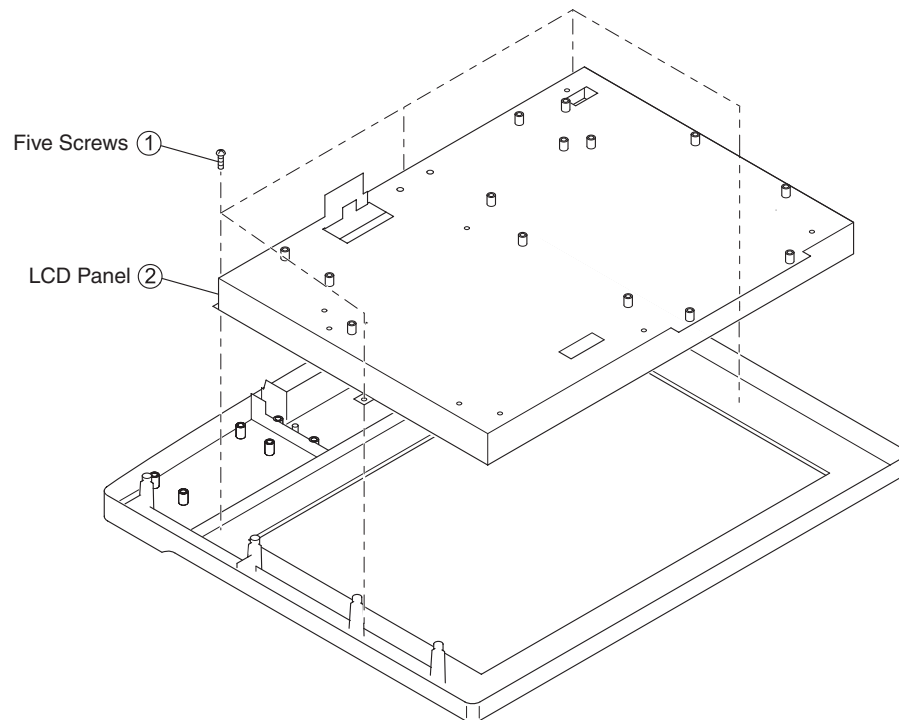
2-10. H2 BOARD REMOVAL



2-11. H3 BOARD REMOVAL



2-12. LCD PANEL REMOVAL



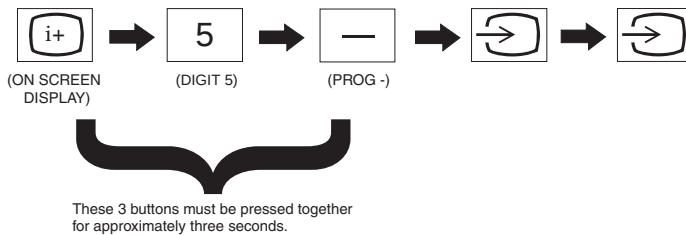
SECTION 3 CIRCUIT ADJUSTMENTS

3-1. Electrical Adjustments

Service adjustments to this model can be performed using the supplied remote Commander RM-ED007.

How to enter into the Service Mode

1. Turn on the main power switch.
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 (See 3-3 Page 25).

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

```

BACKLIGHT
SOUND
IF ADJUST
ERROR MENU

SE1 VGA v0.08B Jun06
FACTORY DATA: 11111111
SERIAL NUMBER: 4294967295
WORKING TIME: 0:52
  
```

SOUND

M-N	(0, 511)	192
M-D	(-128, -1)	-20
M-S	(+0, +127)	+20
S-M	(+0, +127)	+10
D-M	(-128, -1)	-10
N-M	(0, 1023)	496
Effect Mode	(+0, +2)	+2
BBE Mode	(-0, +127)	+0
BBE Vol main	(+0, +255)	+6
BBE Vol res	(+0, +7)	+3
B1	(-96, +96)	+0
B2	(-96, +96)	+8
B3	(-96, +96)	+7
B4	(-96, +96)	+8
B5	(-96, +96)	-28
Loudness	(+0, +68)	-11
MB_STR	(+0, -127)	+0
MB_LIM	(-32, +0)	+0
MB_HMC	(+0, +127)	-15
MB_LP	(+5, +30)	-24
MB_HP	(+3, +30)	-20
SUBW_FREQ	(+5, +40)	+30
NICAM C AD		00000
NICAM Error	(0, 2047)	2047
Stereo	(-128, +127)	+0
Status		0000000110

IF ADJUST

Automute		0
Audio Gain		0
L Gating		0
Coincidence		0
AFT window		1
AFT Status		0111
AGC TOP	(-16, +15)	-5

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.

BACKLIGHT

BACKLIGHT	(0, 255)	160
U BACKLIGHT	(0, 10)	10
BL SETUDEN	(0, 255)	28
BL BOTTOM	(0, 255)	28
ECO MODE	(0, 1)	1
DIMMER	(0, 255)	160

ERROR MENU

E02: Reserved	(0, 255)	0
E03: DC Fail	(0, 255)	0
E04: PANEL DET	(0, 255)	2
E05: NVM	(0, 255)	0
E06: IIC	(0, 255)	0
E07: Reserved	(0, 255)	0
E08: DIGITAL	(0, 255)	0
E09: TUNER	(0, 255)	0
E10: SP	(0, 255)	0
E11: VCTP	(0, 255)	0
E12: PEXP	(0, 255)	0
E13: RTC	(0, 255)	0
WORKING TIME		
HOURS	(0, 65535)	4
MINUTES	(0, 59)	38

3-2. TEST MODE 2

Test Mode 2 is available by setting the TV for operation in Service Mode [As shown on Page 23] , OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release the 'Test mode 2', press 00, 10, 20 ... twice or switch the TV set into Stand-by mode. In 'TT Menu' mode, it is possible to remove the Menu from the screen by pressing the Speaker Off button once. Pressing the Speaker OFF button a second time will cause the Menu to reappear. The function is kept even when the menu is not displayed on screen !!.

00	'TT' mode off
01	Set picture level to maximum
02	Set picture level to minimum
03	Set volume to 35%
04	Set volume to 50%
05	Set volume to 65%
06	Set volume to 80%
07	Ageing mode on
08	Shipping Condition
16	Picture level 50%
19	Factory mode enable/disable
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
35	INSERT or SWAP sorting
37	Hotel mode
38	OTRUM mode
39	Enable Digital Test
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 autoadjustment
52	RGB autoadjustment
53	SECAM autoadjustment
54	Watchdog toggle

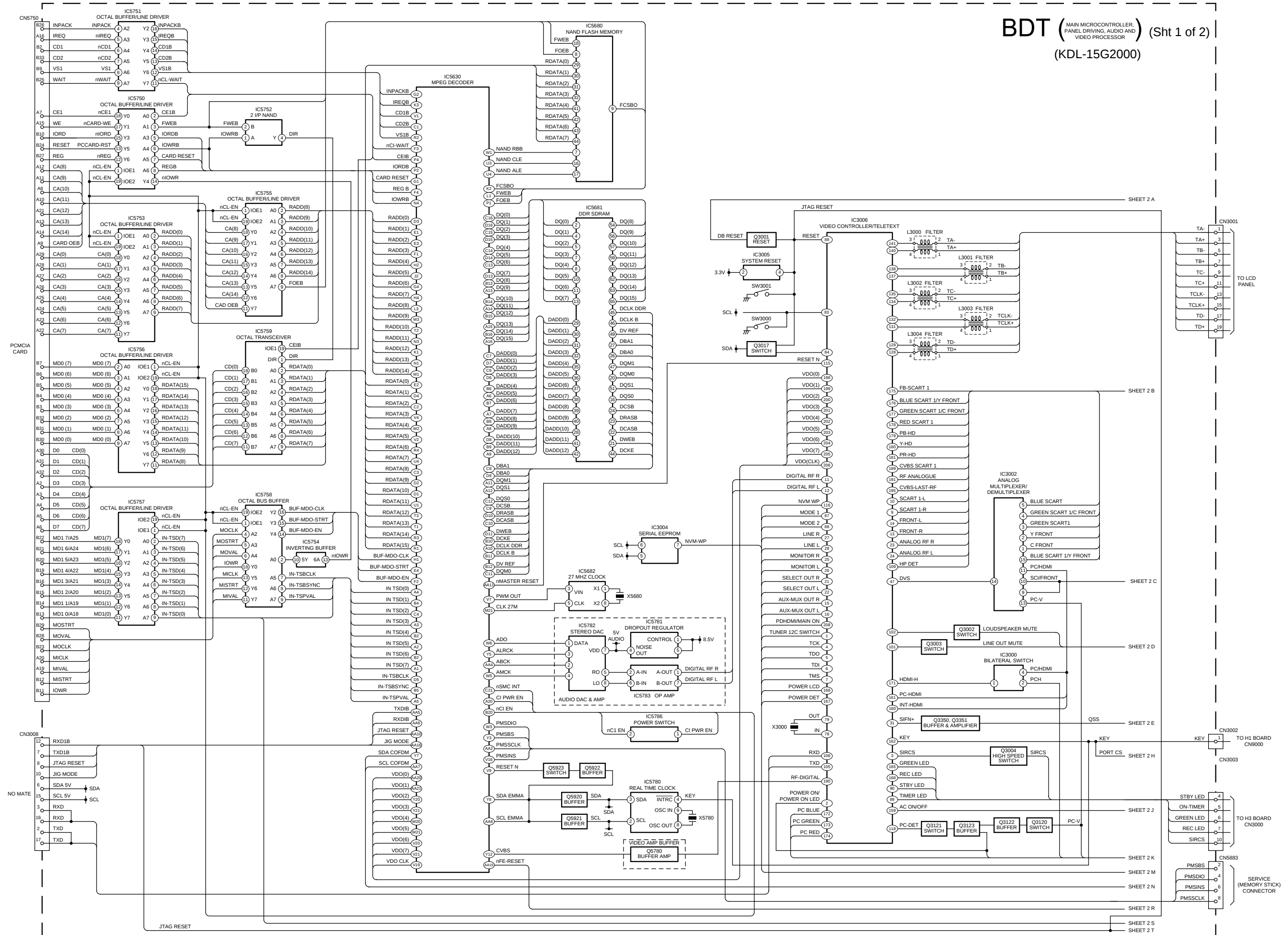
55	Toggle tuner selection
56	Reset all channel attenuations
58	Chip select toggle
59	Visual I2C toggle
61	Auto AGC
62	Toggle digital mode flag
63	AM from baseband or from RF
64	Set 40" settings (Not Applicable)
67	MSP Auto Carrier Mute function enable/disable
71	Set 19" settings (Not Applicable)
72	Set 23" settings (Not Applicable)
73	Set 26" settings (Not Applicable)
74	Set 32" settings (Not Applicable)
75	Set centred balance
76	Set volume to max
77	Set volume to min
78	Set balance full left
79	Set 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
92	PC Monitor mode
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

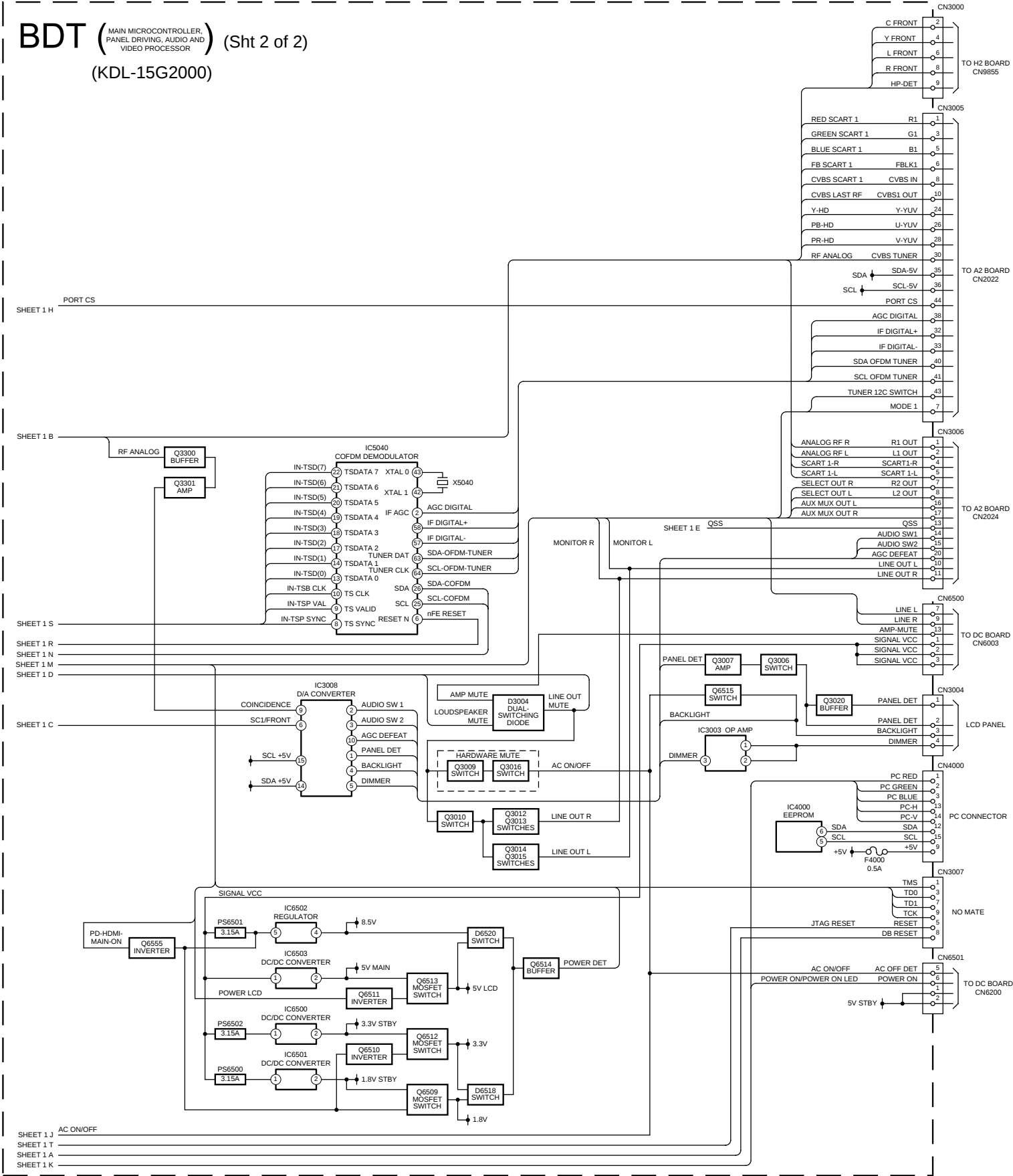
3-3. TT OSD Labels

		(1)	2	0		A	E	P	(2)			(3)	T	T	-	-		
(4)	E	C	S		(5)	C	B	A				(6)	N	o	r	m		
(7)	D	D	C		(8)	E			O	H	D	C	M	S				
									(9)	(10)	(11)	(12)	(13)	(14)				
	C	L	K		-	W			C	V								
					(15)	(16)			(17)	(18)								

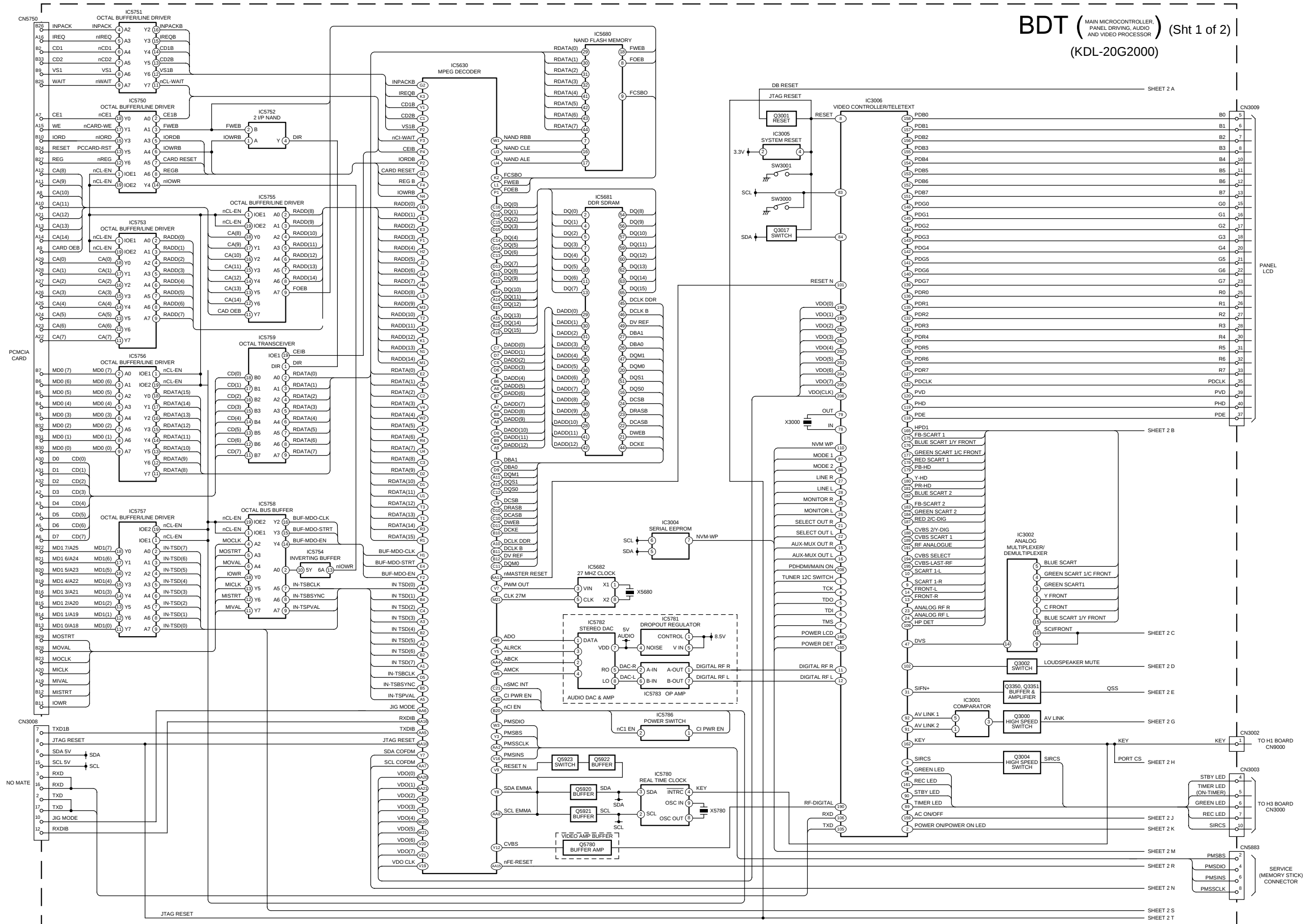
1. Model configuration.
2. Model destination.
3. Command prompt.
4. ECS enabled/disabled (TT31).
5. CBA is shown when the TV set is in CBA mode (This mode is available from Factory mode).
6. Normal or Factory mode (TT19).
7. DDC enabled/disabled (TT65).
8. E is shown when EDID WP is enabled; - is shown otherwise (TT66).
9. O is shown when OTRUM is enabled; - is shown otherwise (TT38).
10. H is shown when Hotel mode is enabled; - is shown otherwise (TT37).
11. D is shown when Digital mode is enabled; A is shown when Analogue mode is enabled (TT62).
12. C (Default value) is shown when MSP Auto Carrier Mute function is enabled; - is shown otherwise.
13. M (Default value) is shown when AM sound is demodulated in MSP; A is shown when AFRIC demodulator is used.
14. S is shown when a SONY tuner is selected; P is shown when a PHILIPS tuner is selected (TT55).
15. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).
16. W is shown when Watchdog is enabled; - is shown otherwise (TT55).
17. C is shown when Chip Select is enabled; - is shown otherwise (TT55).
18. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).

4-1. BLOCK DIAGRAMS (1)

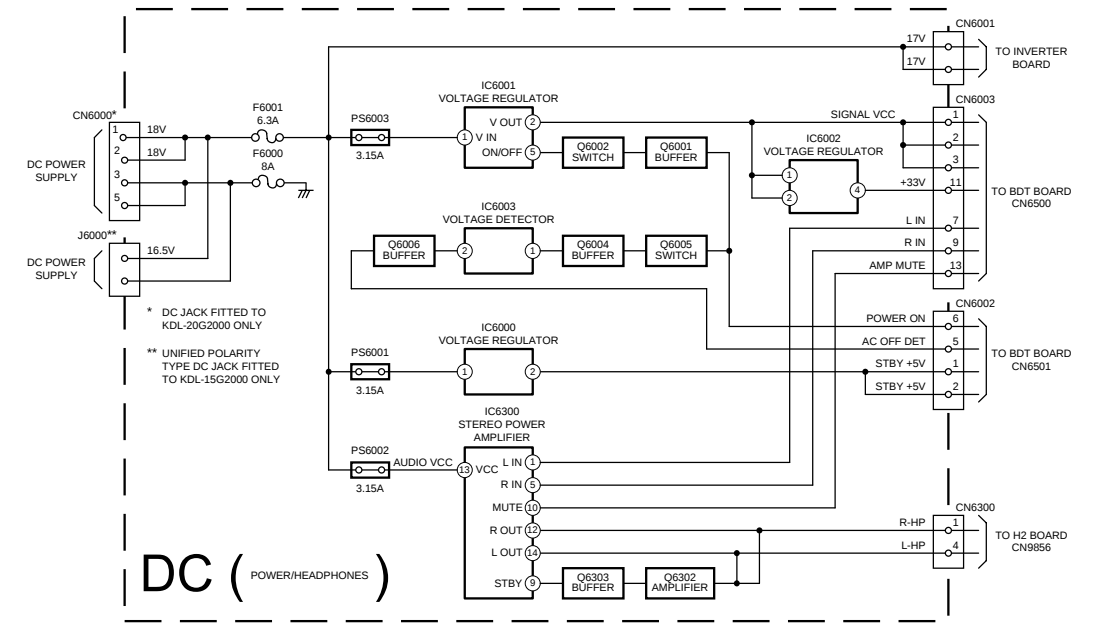
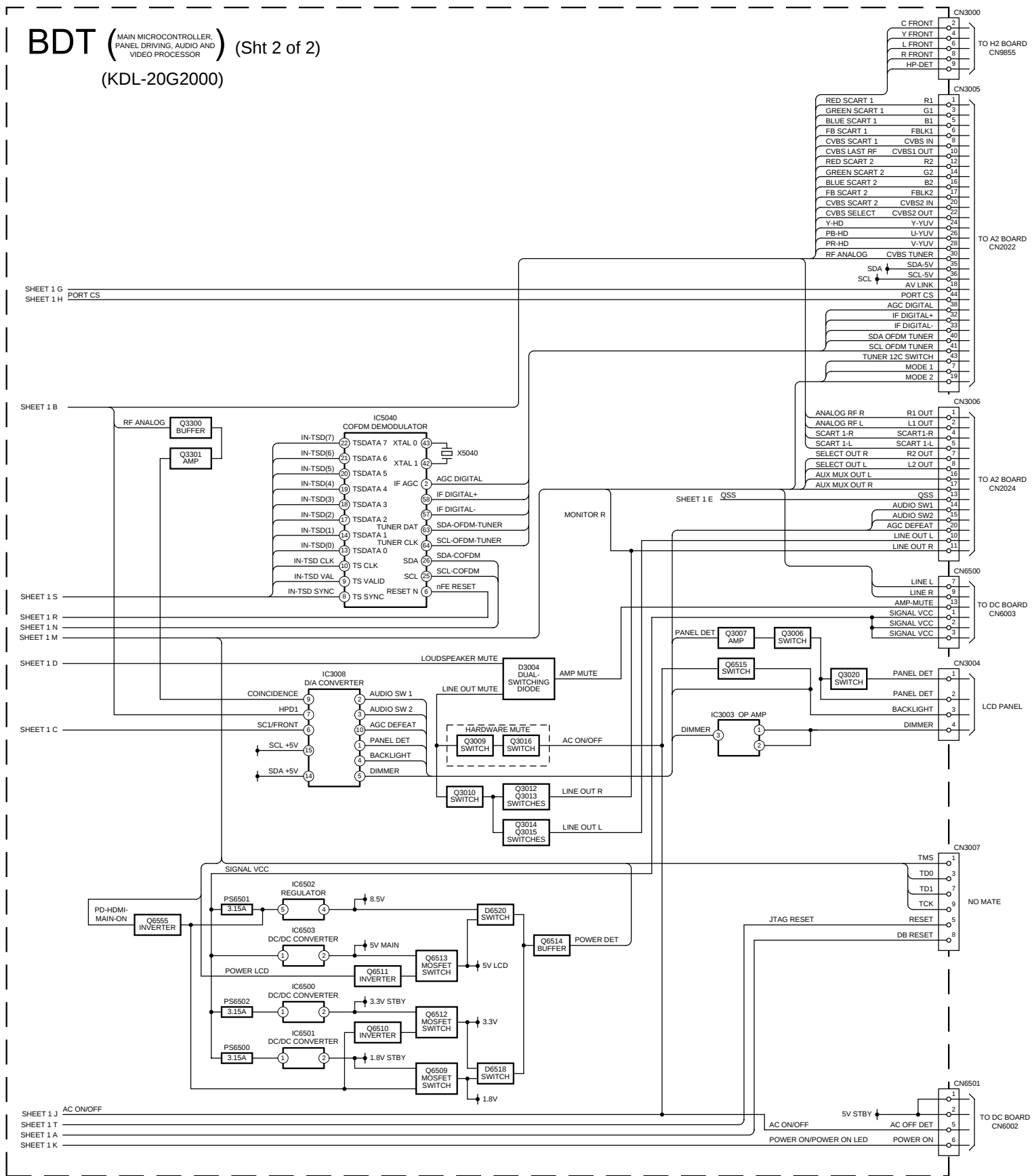




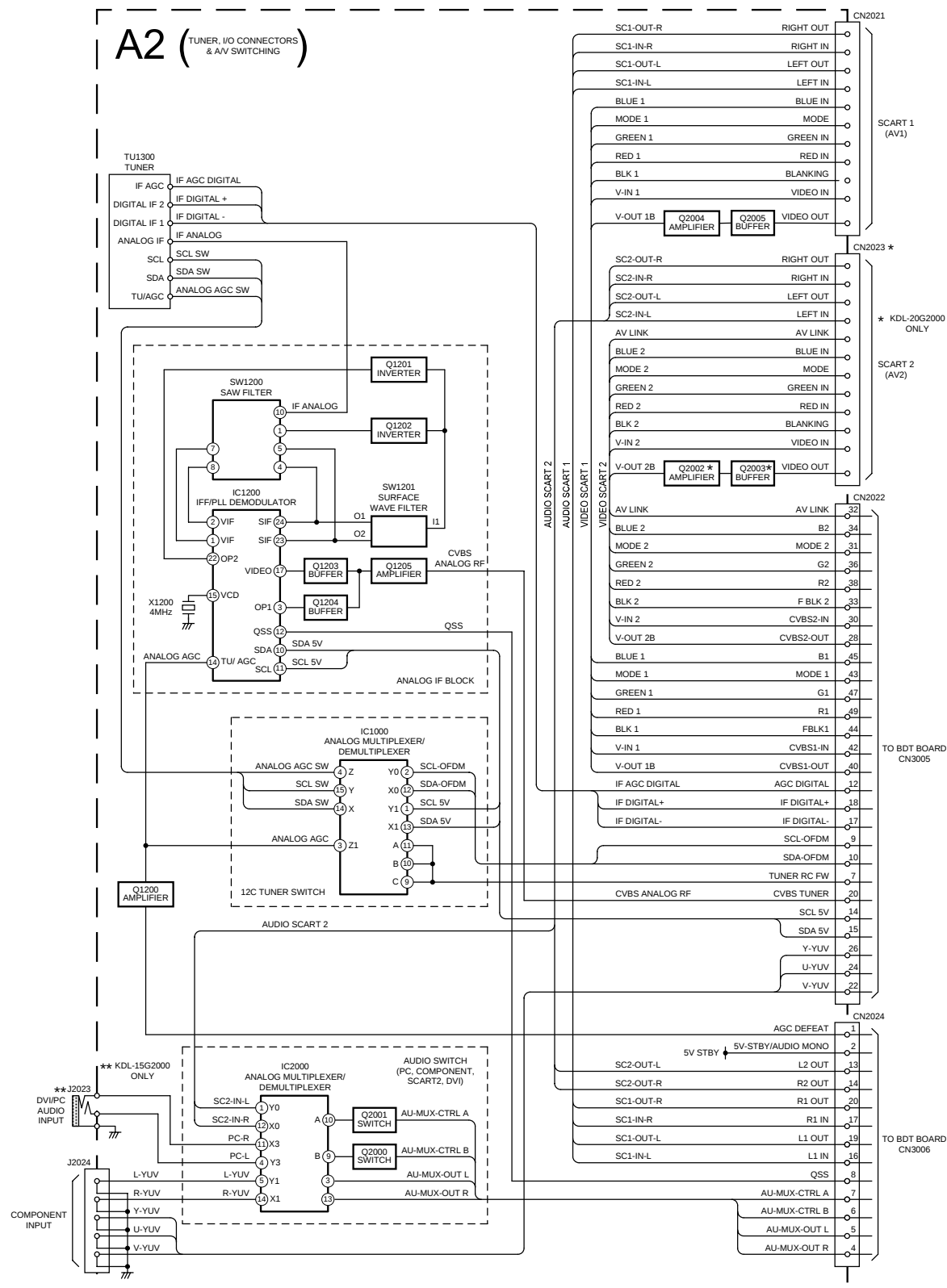
4-1. BLOCK DIAGRAMS (3)



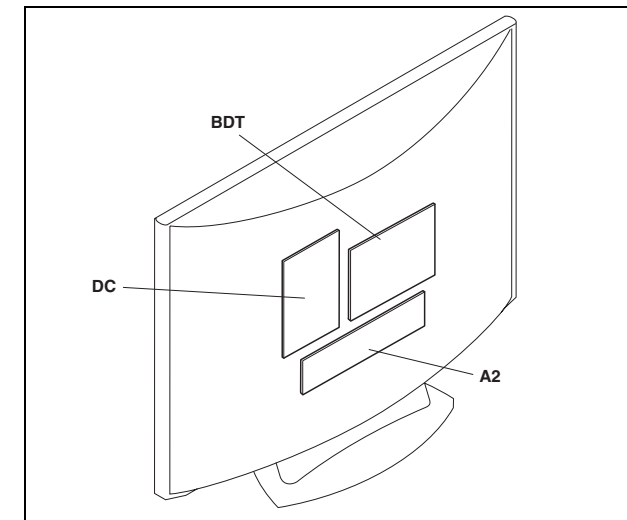
4-1. BLOCK DIAGRAMS (4)



4-1. BLOCK DIAGRAMS (5)



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in μF unless otherwise noted.
- $\text{pF} : \mu\text{pF}$ 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 multimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerances.

-  : 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  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  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

Note :

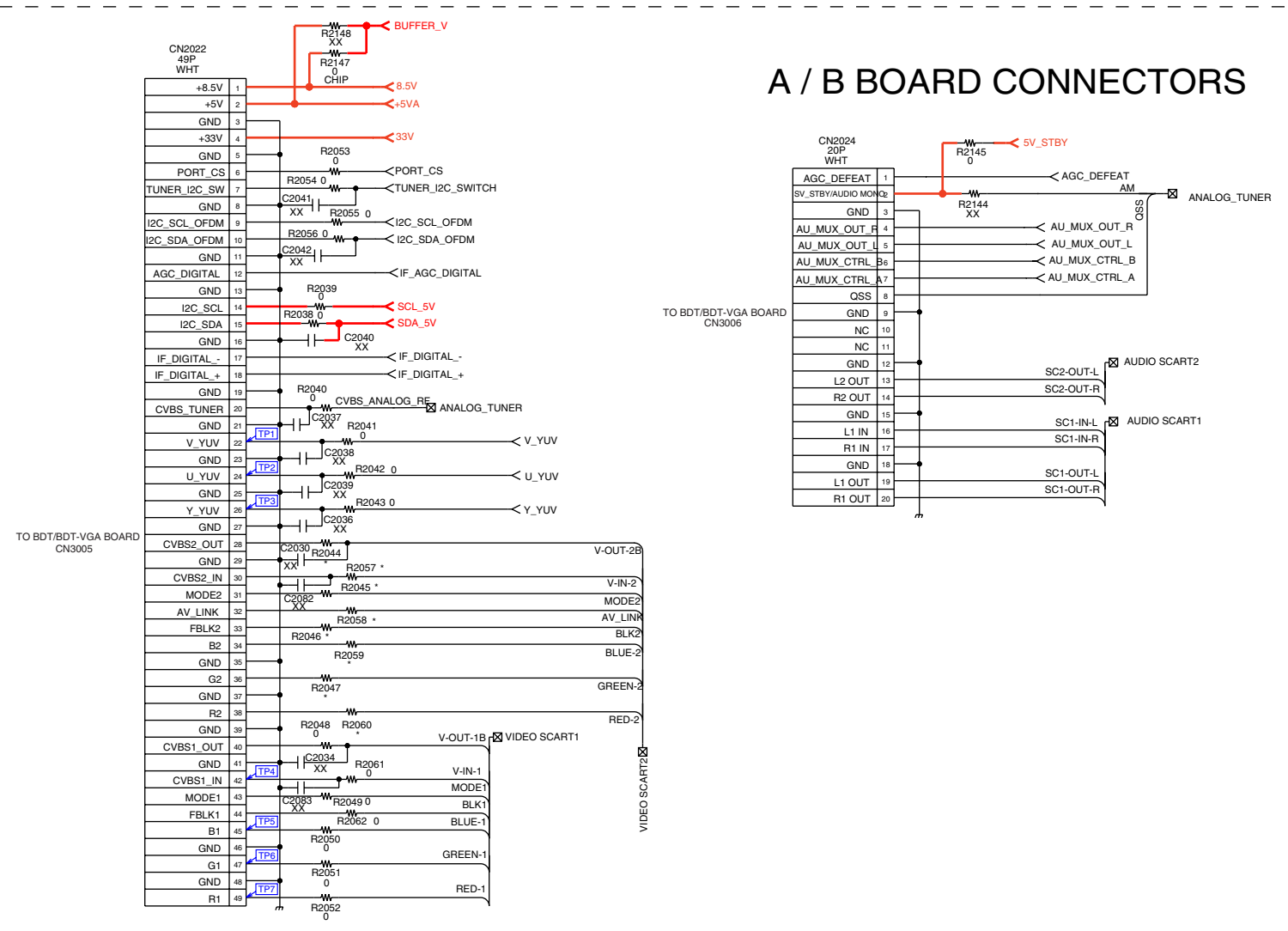
- CVBS and RGB waveforms are measured using a PAL colour bar input to Scart1. Y, U, V waveforms are measured using a PAL colour bar input to component sockets (Y, Pb/Cb, Pr/Cr).



A2-SE-1(KDL-15/20G2000)

A2 ^{3/3}

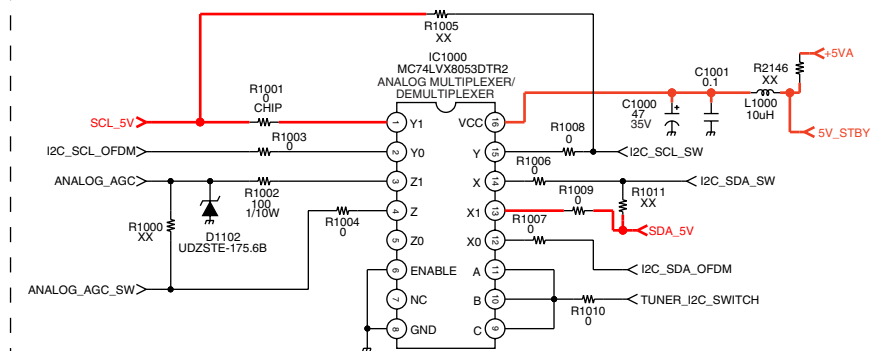
A / B BOARD CONNECTORS



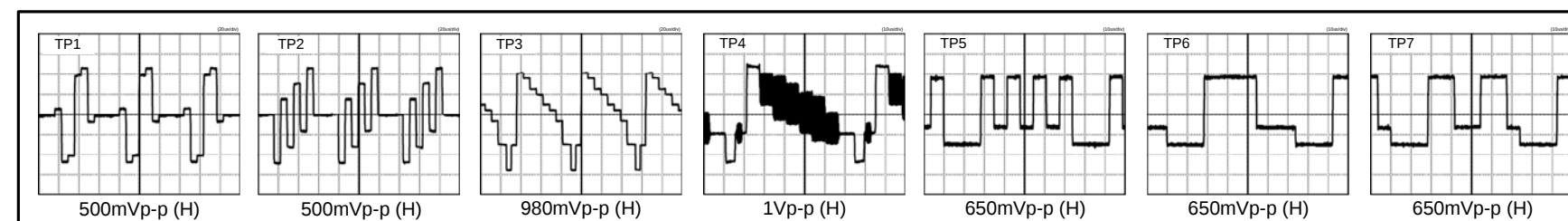
SERVICE CONNECTOR



I2C TUNER SWITCH (analog/digital)



A2 (3/3) Board Waveforms



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

1

2

3

4

5

6

7

8

9

10

11

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

~ A2 Printed Wiring Board Conductor Side A ~

This diagram shows the conductor side A of the A2 printed wiring board. It features a complex layout of copper traces, vias, and component footprints. Key components include a large black rectangular area in the center, likely a heat sink or a large component, and various electronic components labeled with part numbers such as R2031, D2026, and Q2000. The board is populated with numerous resistors, capacitors, and integrated circuits. The layout is organized into functional blocks, with components grouped together for signal and power distribution. The board is labeled with 'A2' and 'SONY' in the center, and '1-870-681-11' and '1-727-575-11' are printed near the center. The board is populated with numerous resistors, capacitors, and integrated circuits. The layout is organized into functional blocks, with components grouped together for signal and power distribution. The board is labeled with 'A2' and 'SONY' in the center, and '1-870-681-11' and '1-727-575-11' are printed near the center.

~ A2 Board Semiconductor Location Table Side A ~

DIODE		D2031	D - 3	D2047	D - 3	IC		TRANSISTOR	
D2026	E - 3	D2038	D - 3	D2052	D - 3	IC1000	F - 3	Q2000	E - 4
D2027	E - 3	D2042	D - 4	D2068	E - 3	IC2000	D - 4	Q2001	E - 4

~ A2 Board Semiconductor Voltage Table ~

Ref	(e)(s)	(b)(g)	(c)(d)
Q2000	0	0.4	8.4
Q2001	0	0.7	0

~ A2 Board IC Voltage Table ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC1000	1	3.7	IC1000	13-15	3.6	IC2000	8	4.2
	2	3.2		16	5.0		9	8.5
	3-4	2.3	IC2000	1-5	0		10	4.3
	5-8	0		6	4.2		11-15	0
9-12	3.2	7	0	16	8.5			

~ A2 Printed Wiring Board Conductor Side B ~

This diagram shows the conductor side B of the A2 printed wiring board. It features a complex layout of copper traces, vias, and component footprints. Key components include a large black rectangular area in the center, likely a heat sink or a large component, and various electronic components labeled with part numbers such as R2031, D2026, and Q2000. The board is populated with numerous resistors, capacitors, and integrated circuits. The layout is organized into functional blocks, with components grouped together for signal and power distribution. The board is labeled with 'A2' and 'SONY' in the center, and '1-870-681-11' and '1-727-575-11' are printed near the center. The board is populated with numerous resistors, capacitors, and integrated circuits. The layout is organized into functional blocks, with components grouped together for signal and power distribution. The board is labeled with 'A2' and 'SONY' in the center, and '1-870-681-11' and '1-727-575-11' are printed near the center.

~ A2 Board Semiconductor Location Table Side B ~

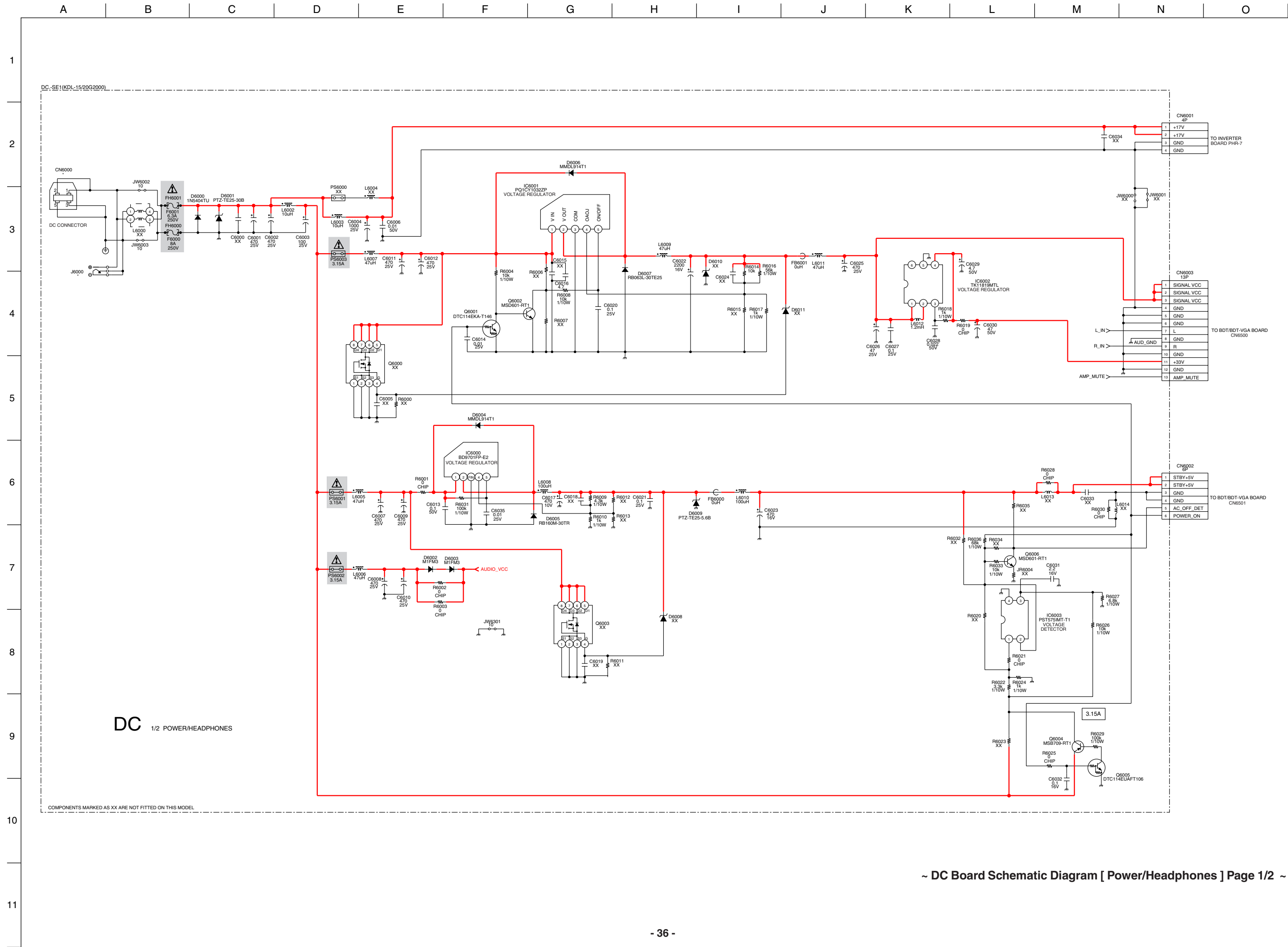
DIODE		D2025	K - 7	D2040	K - 8	D2046	I - 8	D2059	H - 9	D2065	I - 9	D2071	H - 9	Q1201	E - 7	Q2002	J - 9
D1100	F - 9	D2028	K - 7	D2041	K - 9	D2048	I - 8	D2061	L - 8	D2066	I - 9	IC	Q1202	D - 7	Q2003	I - 8	
D1101	F - 8	D2030	K - 7	D2043	I - 8	D2049	K - 9	D2062	L - 9	D2067	I - 9		IC1200	D - 8	Q1203	D - 9	Q2004
D1102	F - 9	D2037	L - 8	D2044	I - 9	D2050	J - 9	D2063	I - 8	D2069	J - 9	TRANSISTOR	Q1204	E - 9	Q2005	J - 7	
D1200	D - 8	D2039	M - 8	D2045	I - 8	D2058	I - 9	D2064	M - 9	D2070	I - 9		Q1200	F - 9	Q1205	E - 9	

- 34 -

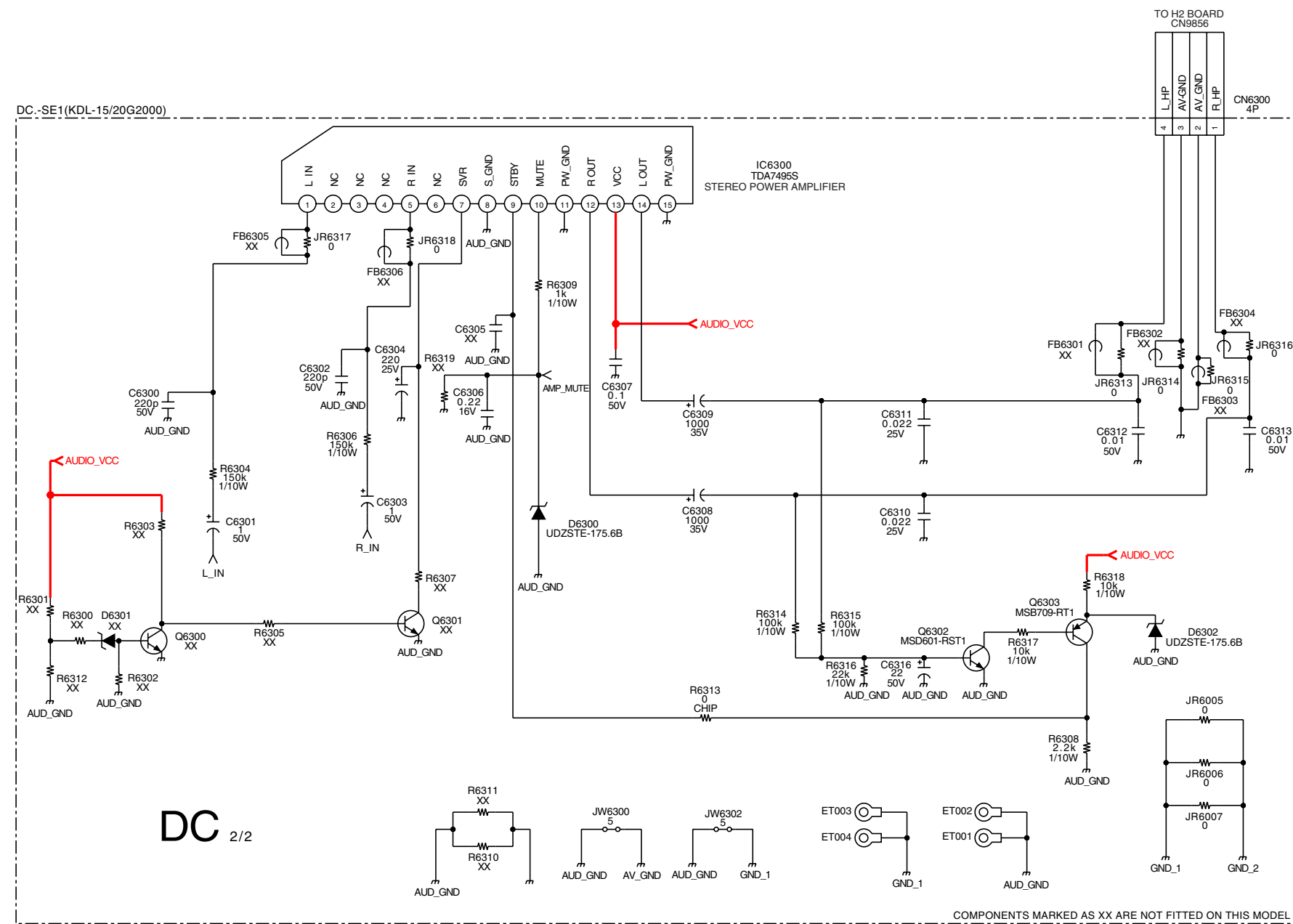
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O																																																																																																																																																		
1	~ A2 Board Difference Tables ~																																																																																																																																																																
2			<table><tr><th>Ref.</th><th>KDL-15G2000</th><th>KDL-20G2000</th></tr><tr><td>C2053</td><td>1UF</td><td>NOT FITTED</td></tr><tr><td>C2054</td><td>1UF</td><td>NOT FITTED</td></tr><tr><td>C2057</td><td>0.001UF</td><td>NOT FITTED</td></tr><tr><td>C2058</td><td>0.001UF</td><td>NOT FITTED</td></tr><tr><td>C2065</td><td>NOT FITTED</td><td>0.022UF</td></tr><tr><td>C2066</td><td>NOT FITTED</td><td>0.001UF</td></tr><tr><td>C2067</td><td>NOT FITTED</td><td>0.022UF</td></tr><tr><td>C2068</td><td>NOT FITTED</td><td>0.001UF</td></tr><tr><td>C2069</td><td>NOT FITTED</td><td>1UF</td></tr><tr><td>C2070</td><td>NOT FITTED</td><td>1UF</td></tr><tr><td>C2071</td><td>NOT FITTED</td><td>47UF</td></tr><tr><td>C2072</td><td>NOT FITTED</td><td>47UF</td></tr><tr><td>C2086</td><td>NOT FITTED</td><td>0.1UF</td></tr><tr><td>C2087</td><td>NOT FITTED</td><td>10UF</td></tr><tr><td>CN2023</td><td>NOT FITTED</td><td>21PIN</td></tr><tr><td>D2041</td><td>UDZSTE-179.1B</td><td>NOT FITTED</td></tr><tr><td>D2042</td><td>UDZSTE-179.1B</td><td>NOT FITTED</td></tr><tr><td>D2045</td><td>NOT FITTED</td><td>UDZSTE-1713B</td></tr><tr><td>D2046</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2047</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2048</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2049</td><td>NOT FITTED</td><td>UDZSTE-175.6B</td></tr><tr><td>D2050</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2052</td><td>NOT FITTED</td><td>UDZSTE-1713B</td></tr><tr><td>D2061</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2062</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2063</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2064</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>D2068</td><td>NOT FITTED</td><td>UDZSTE-179.1B</td></tr><tr><td>J2023</td><td>JACK</td><td>NOT FITTED</td></tr><tr><td>Q2002</td><td>NOT FITTED</td><td>MSB709-RT1</td></tr><tr><td>Q2003</td><td>NOT FITTED</td><td>2SC1623-L5L6</td></tr><tr><td>R2001</td><td>100</td><td>NOT FITTED</td></tr><tr><td>R2002</td><td>NOT FITTED</td><td>100</td></tr><tr><td>R2010</td><td>100</td><td>NOT FITTED</td></tr><tr><td>R2012</td><td>NOT FITTED</td><td>100</td></tr><tr><td>R2044</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2045</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2046</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2047</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2057</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2058</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2059</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2060</td><td>NOT FITTED</td><td>0</td></tr><tr><td>R2076</td><td>470K</td><td>NOT FITTED</td></tr><tr><td>R2077</td><td>470K</td><td>NOT FITTED</td></tr><tr><td>R2080</td><td>0</td><td>NOT FITTED</td></tr></table>	Ref.	KDL-15G2000	KDL-20G2000	C2053	1UF	NOT FITTED	C2054	1UF	NOT FITTED	C2057	0.001UF	NOT FITTED	C2058	0.001UF	NOT FITTED	C2065	NOT FITTED	0.022UF	C2066	NOT FITTED	0.001UF	C2067	NOT FITTED	0.022UF	C2068	NOT FITTED	0.001UF	C2069	NOT FITTED	1UF	C2070	NOT FITTED	1UF	C2071	NOT FITTED	47UF	C2072	NOT FITTED	47UF	C2086	NOT FITTED	0.1UF	C2087	NOT FITTED	10UF	CN2023	NOT FITTED	21PIN	D2041	UDZSTE-179.1B	NOT FITTED	D2042	UDZSTE-179.1B	NOT FITTED	D2045	NOT FITTED	UDZSTE-1713B	D2046	NOT FITTED	UDZSTE-179.1B	D2047	NOT FITTED	UDZSTE-179.1B	D2048	NOT FITTED	UDZSTE-179.1B	D2049	NOT FITTED	UDZSTE-175.6B	D2050	NOT FITTED	UDZSTE-179.1B	D2052	NOT FITTED	UDZSTE-1713B	D2061	NOT FITTED	UDZSTE-179.1B	D2062	NOT FITTED	UDZSTE-179.1B	D2063	NOT FITTED	UDZSTE-179.1B	D2064	NOT FITTED	UDZSTE-179.1B	D2068	NOT FITTED	UDZSTE-179.1B	J2023	JACK	NOT FITTED	Q2002	NOT FITTED	MSB709-RT1	Q2003	NOT FITTED	2SC1623-L5L6	R2001	100	NOT FITTED	R2002	NOT FITTED	100	R2010	100	NOT FITTED	R2012	NOT FITTED	100	R2044	NOT FITTED	0	R2045	NOT FITTED	0	R2046	NOT FITTED	0	R2047	NOT FITTED	0	R2057	NOT FITTED	0	R2058	NOT FITTED	0	R2059	NOT FITTED	0	R2060	NOT FITTED	0	R2076	470K	NOT FITTED	R2077	470K	NOT FITTED	R2080	0	NOT FITTED														
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Q2003	NOT FITTED	2SC1623-L5L6																																																																																																																																																															
R2001	100	NOT FITTED																																																																																																																																																															
R2002	NOT FITTED	100																																																																																																																																																															
R2010	100	NOT FITTED																																																																																																																																																															
R2012	NOT FITTED	100																																																																																																																																																															
R2044	NOT FITTED	0																																																																																																																																																															
R2045	NOT FITTED	0																																																																																																																																																															
R2046	NOT FITTED	0																																																																																																																																																															
R2047	NOT FITTED	0																																																																																																																																																															
R2057	NOT FITTED	0																																																																																																																																																															
R2058	NOT FITTED	0																																																																																																																																																															
R2059	NOT FITTED	0																																																																																																																																																															
R2060	NOT FITTED	0																																																																																																																																																															
R2076	470K	NOT FITTED																																																																																																																																																															
R2077	470K	NOT FITTED																																																																																																																																																															
R2080	0	NOT FITTED																																																																																																																																																															
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~ DC Board Difference Table ~

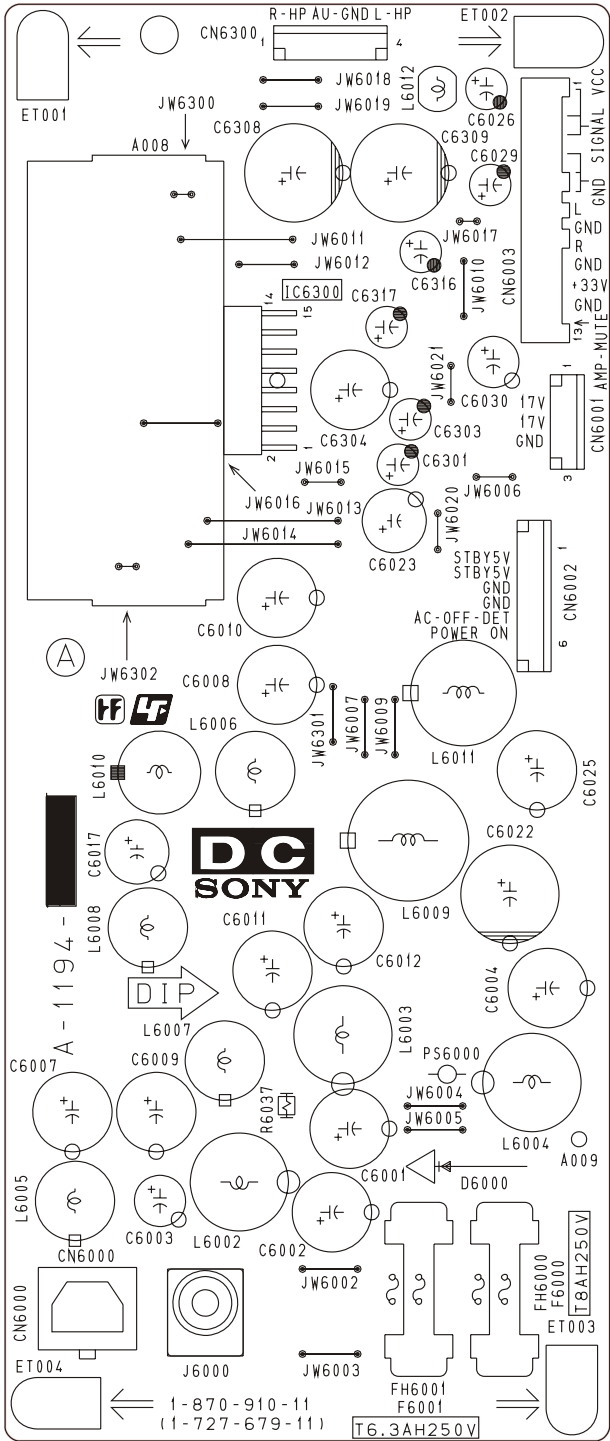
Ref.	KDL-15G2000	KDL-20G2000
CN6000	NOT FITTED	JACK, DC
J6000	UNIFIED POLARITY TYPE DC JACK	NOT FITTED



~ DC Board Schematic Diagram [Power/Headphones] Page 1/2 ~



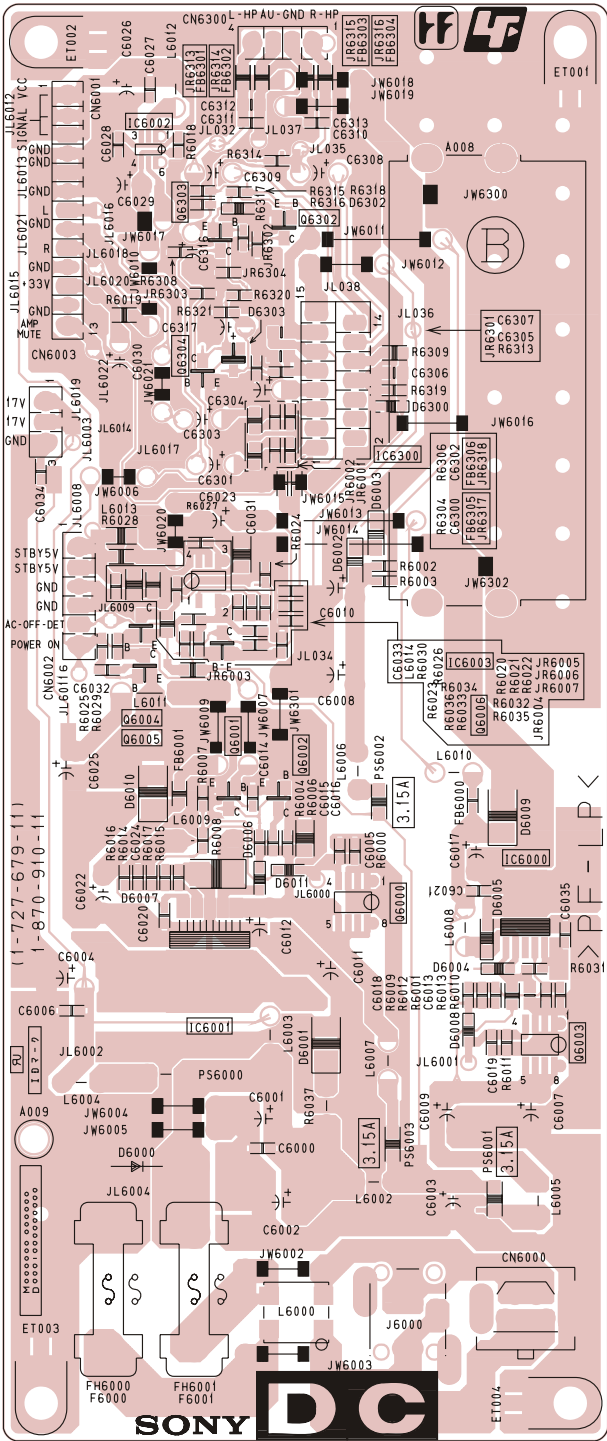
~ DC Printed Wiring Board Conductor Side A ~



~ DC Board Semiconductor Location Table Side A ~

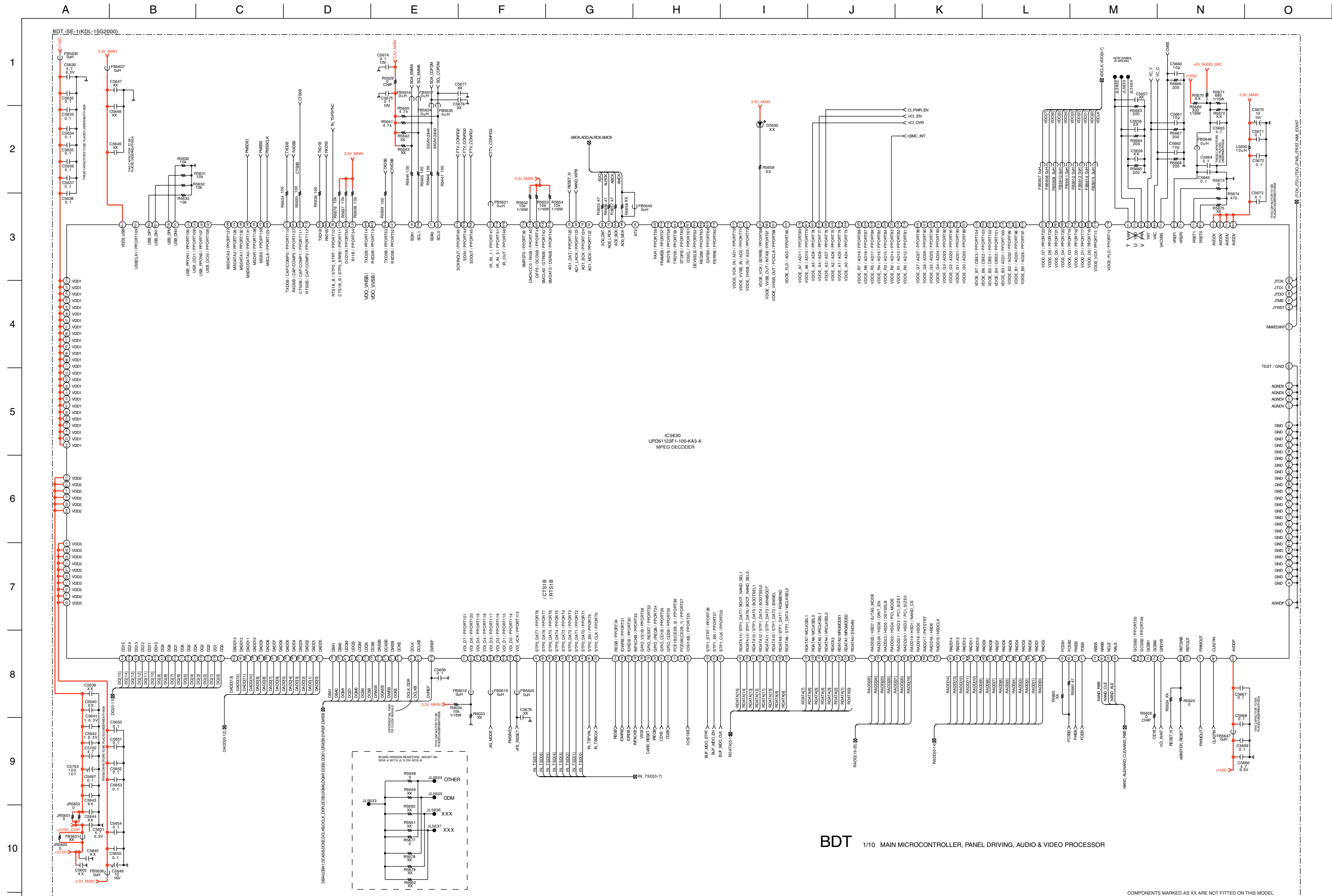
DIODE		IC	
D6000	E - 7	IC6300	D - 3

~ DC Printed Wiring Board Conductor Side B ~

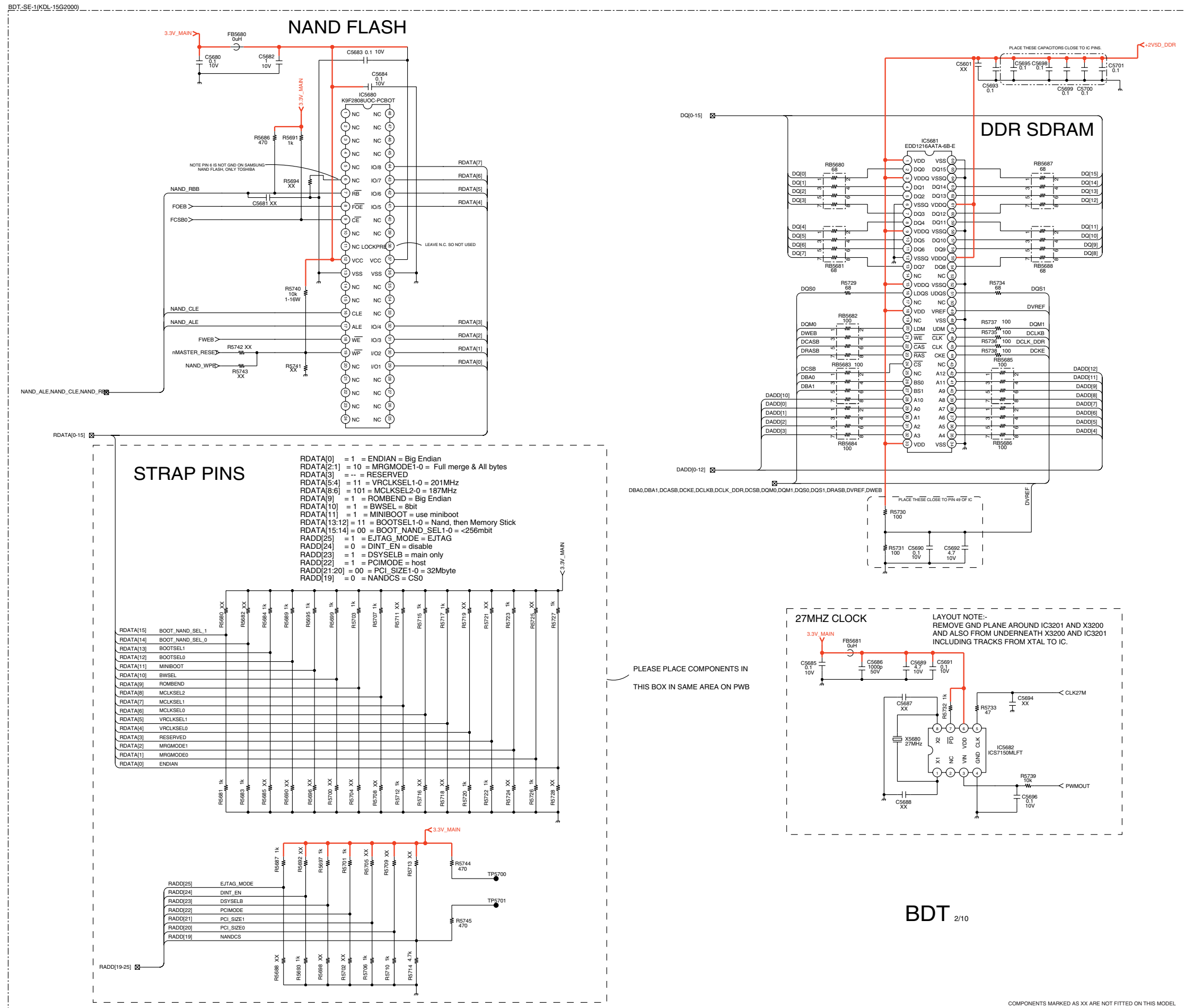


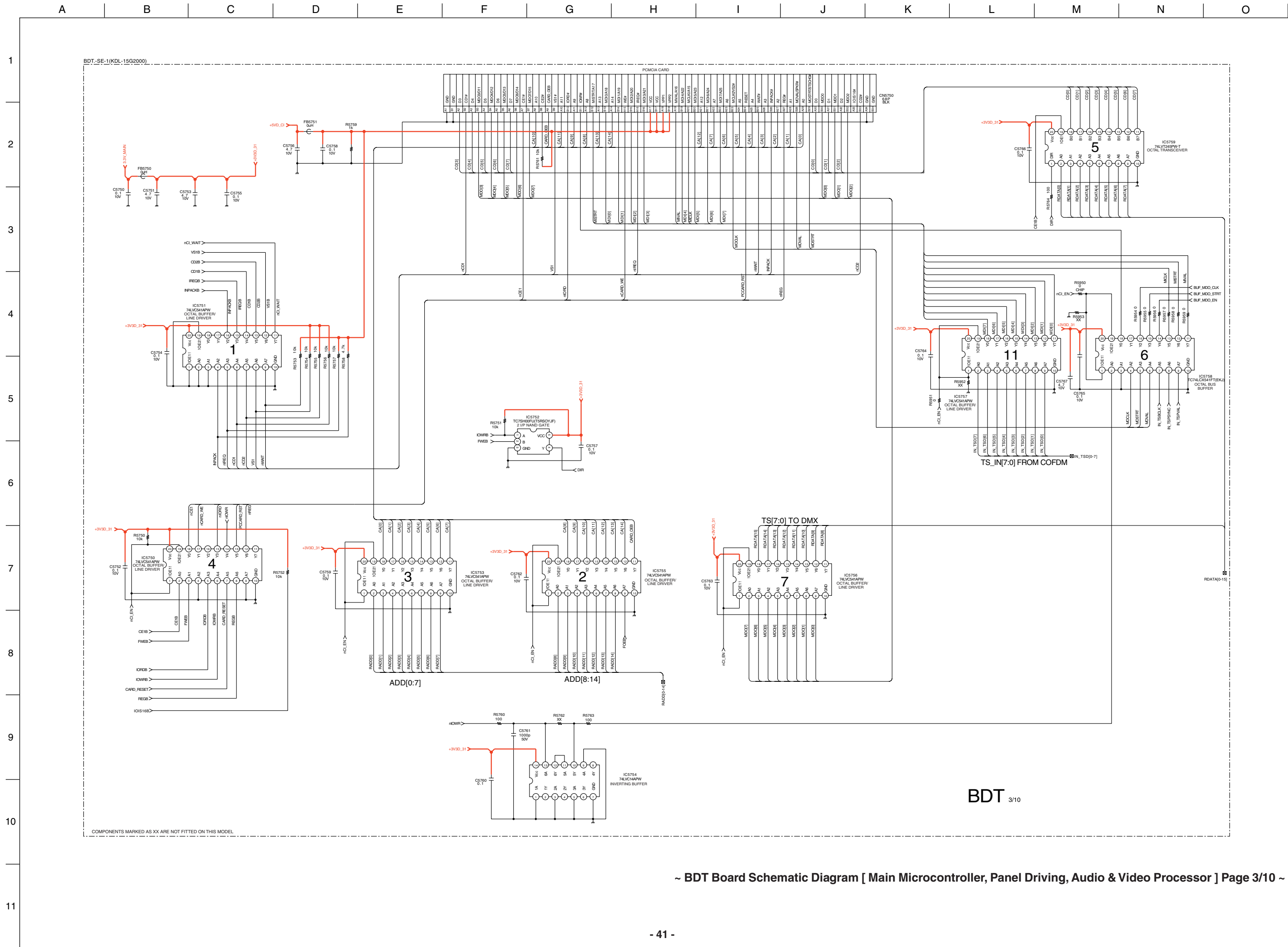
~ DC Board Semiconductor Location Table Side B ~

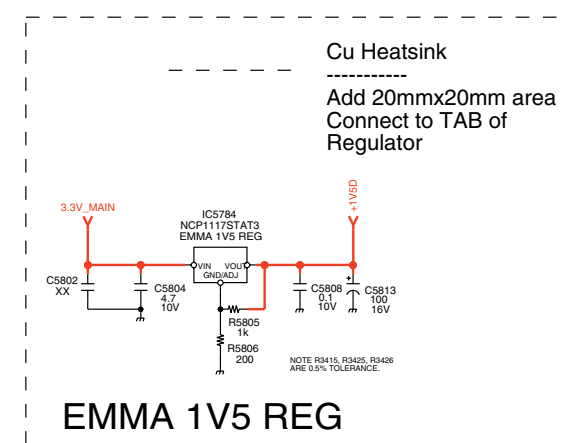
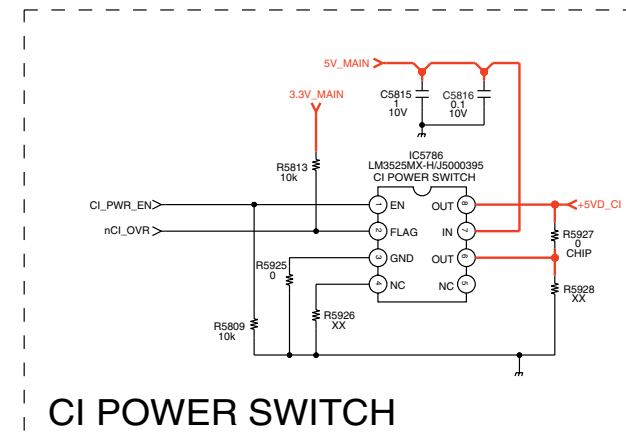
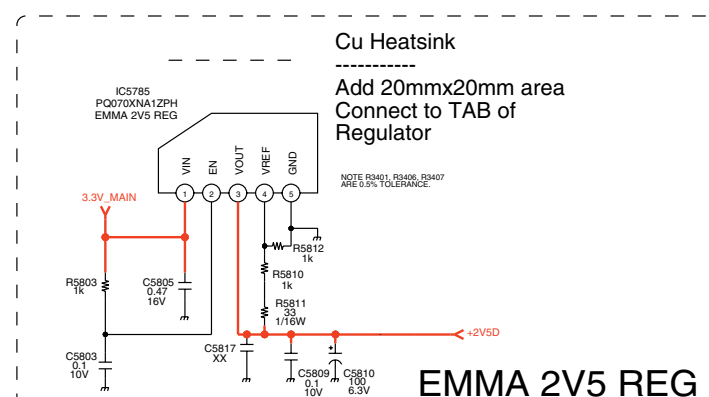
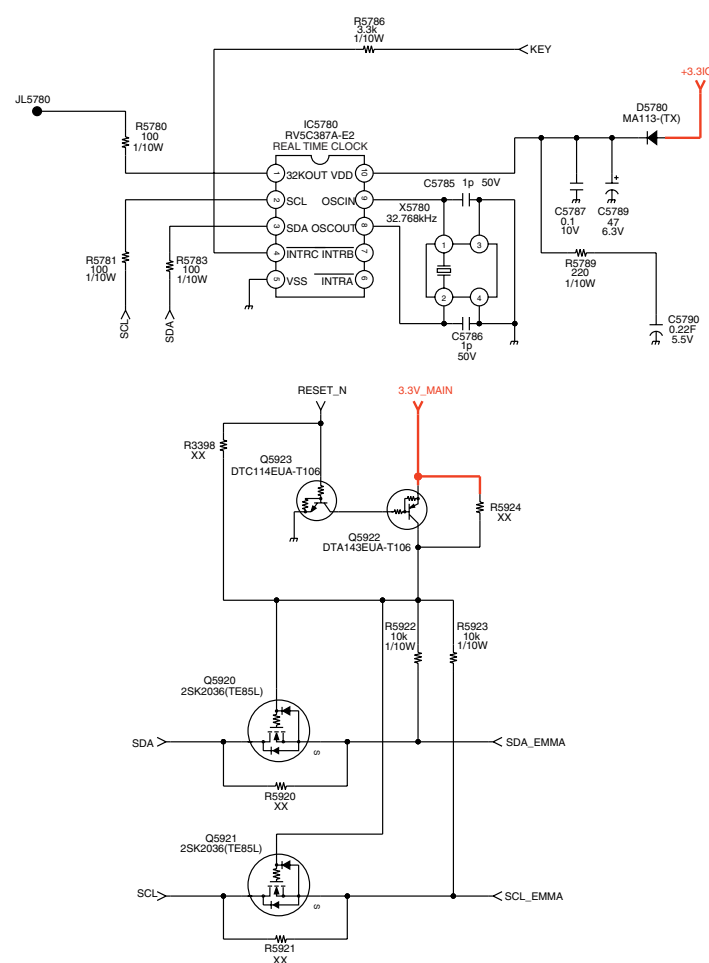
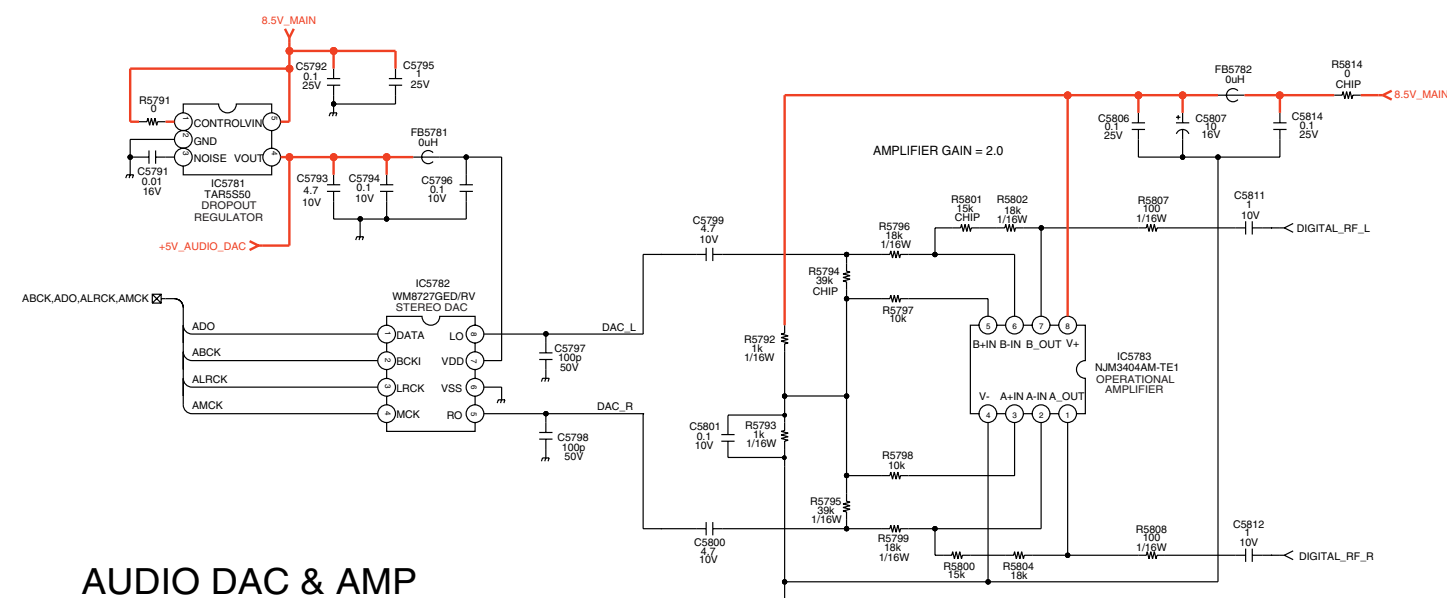
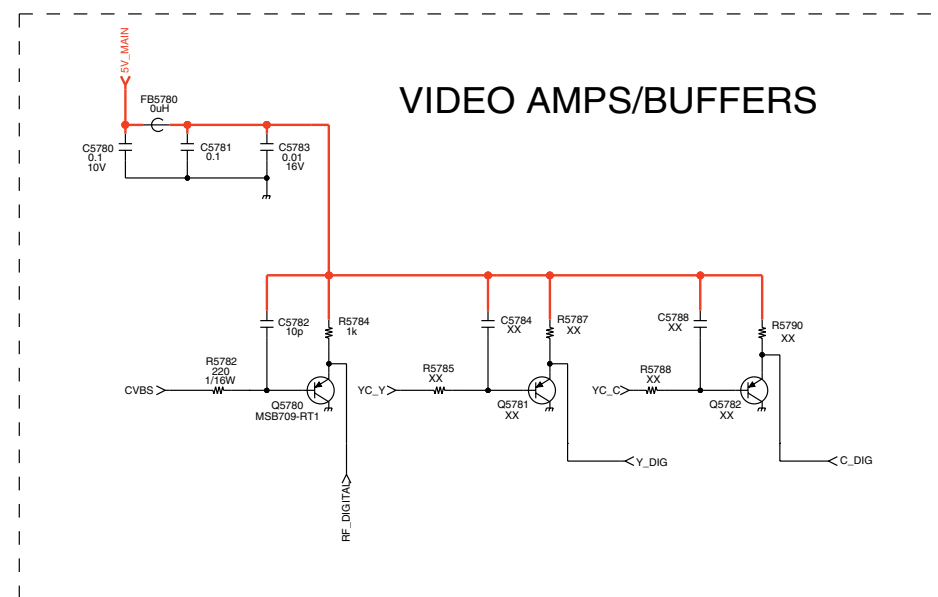
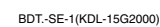
DIODE		D6006	K - 5	D6303	K - 3	TRANSISTOR	
D6000	J - 7	D6007	J - 6	IC		Q6001	K - 5
D6001	K - 7	D6009	L - 5	IC6000	L - 6	Q6002	K - 5
D6002	K - 4	D6010	J - 5	IC6001	K - 6	Q6004	J - 5
D6003	K - 3	D6011	K - 6	IC6002	J - 2	Q6005	J - 5
D6004	L - 6	D6300	L - 3	IC6003	L - 4	Q6302	K - 2
D6005	L - 6	D6302	K - 2	IC6300	L - 3	Q6303	J - 2



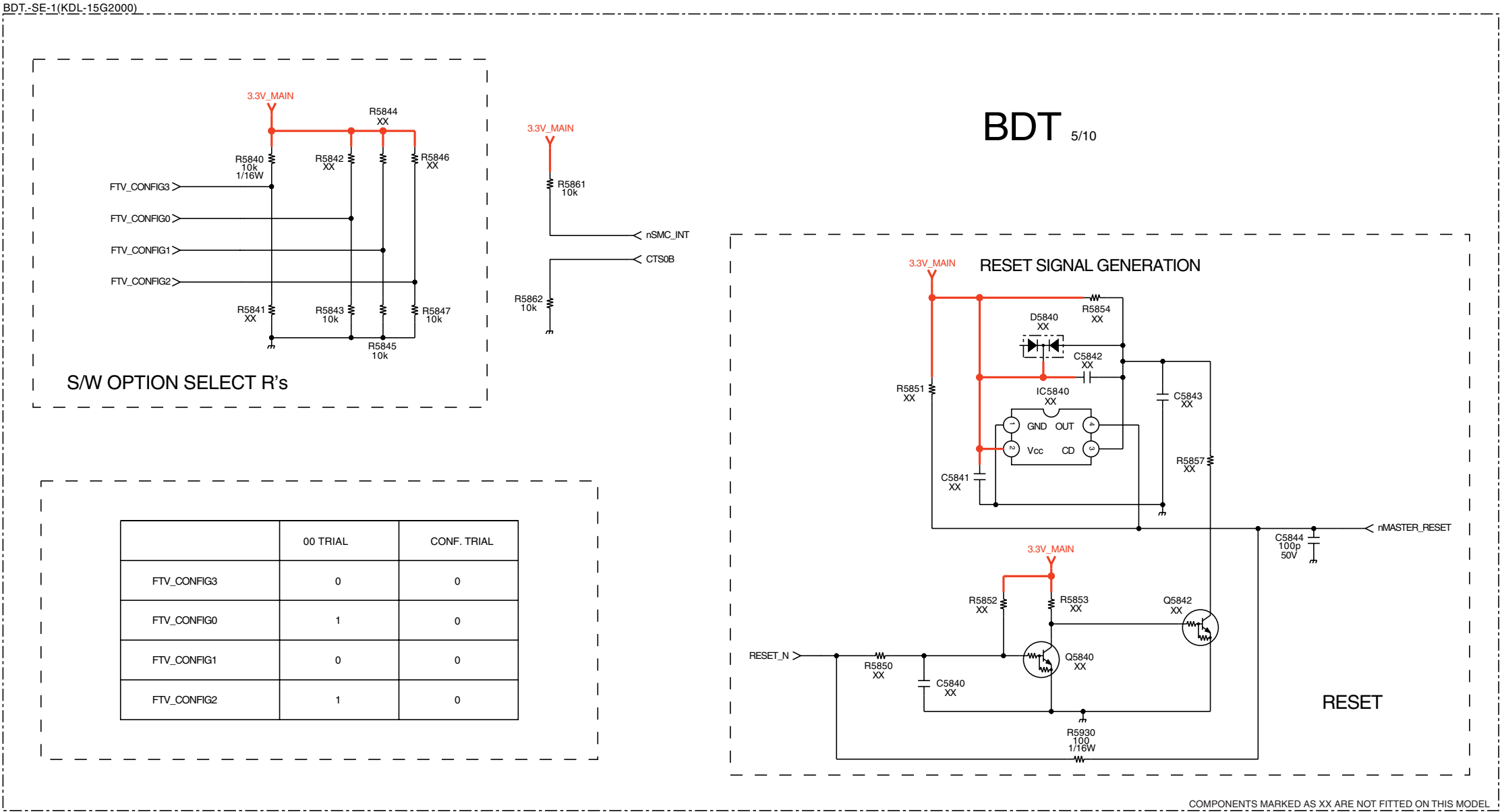
~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 1/10 ~





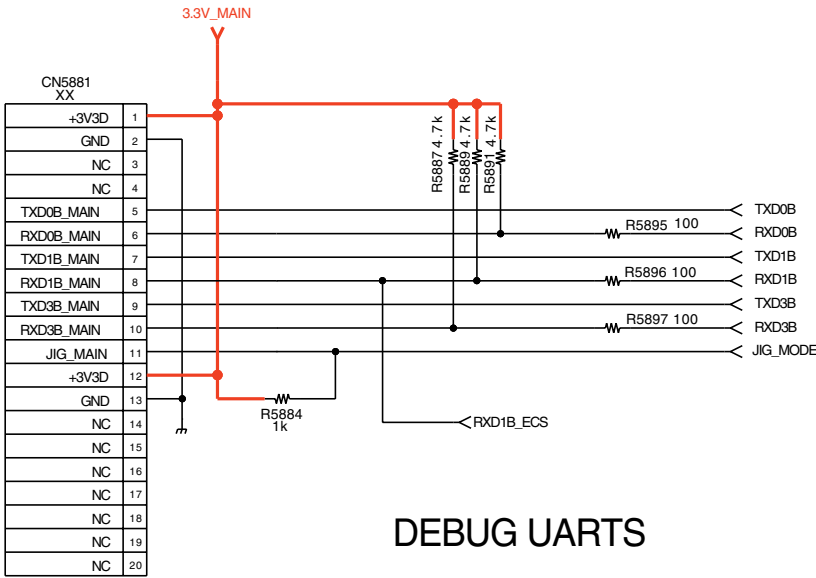


COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

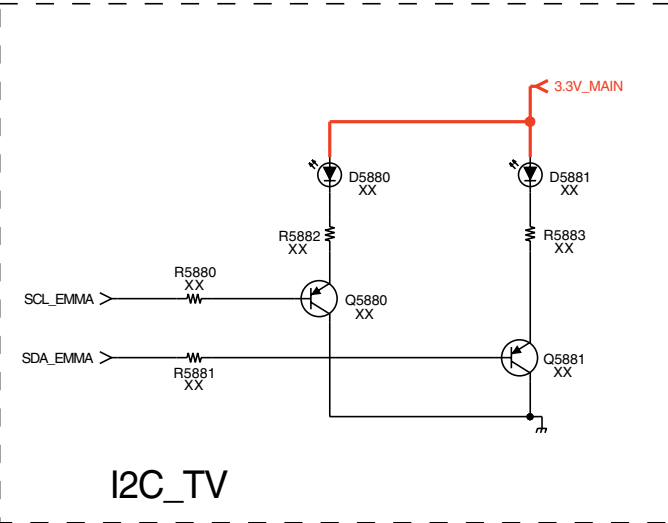


~ BDT Board Schematic Diagram [Main Microcontroller, Panel Driving, Audio & Video Processor] Page 5/10 ~

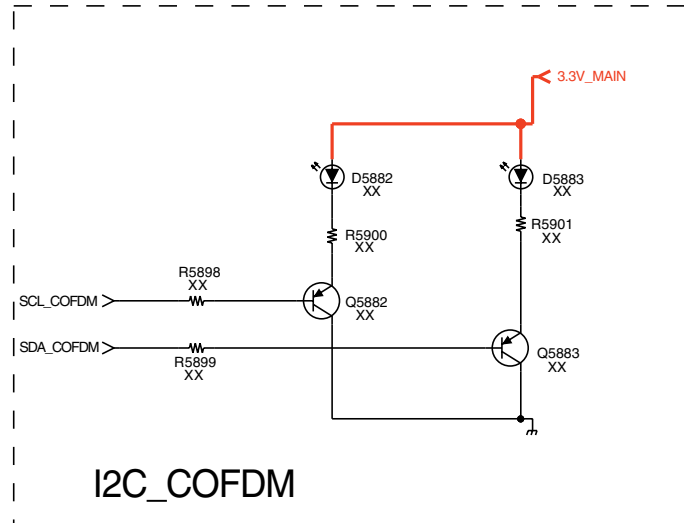
BDT-SE-1(KDL-15G2000)



DEBUG UARTS

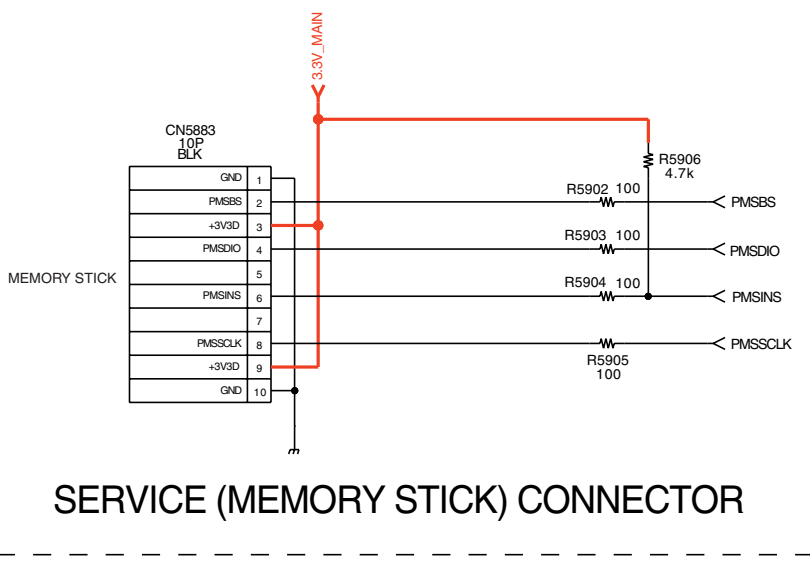
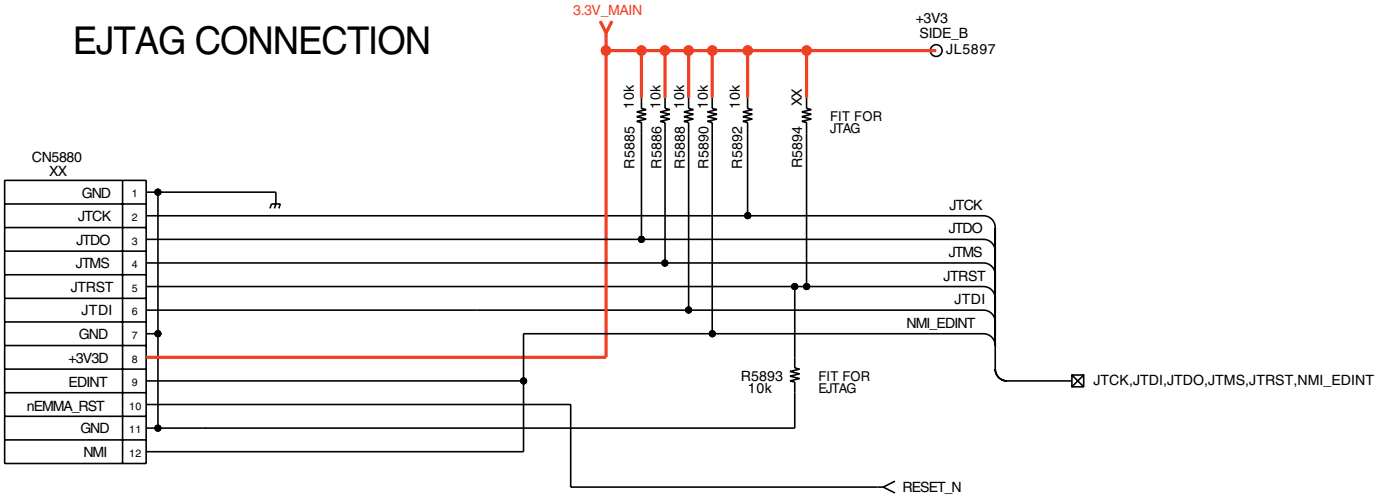


I2C_TV



I2C_COFDM

EJTAG CONNECTION

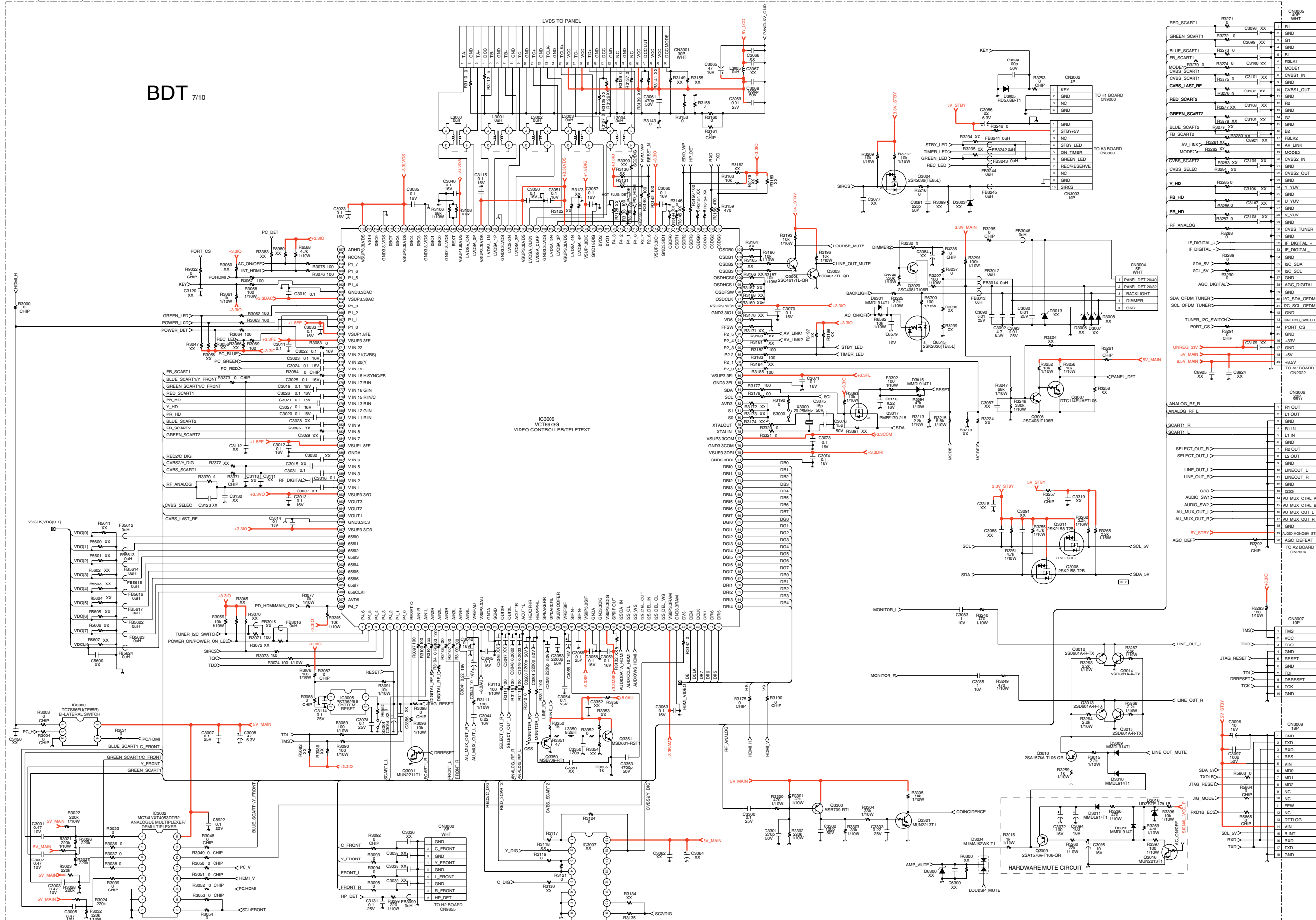


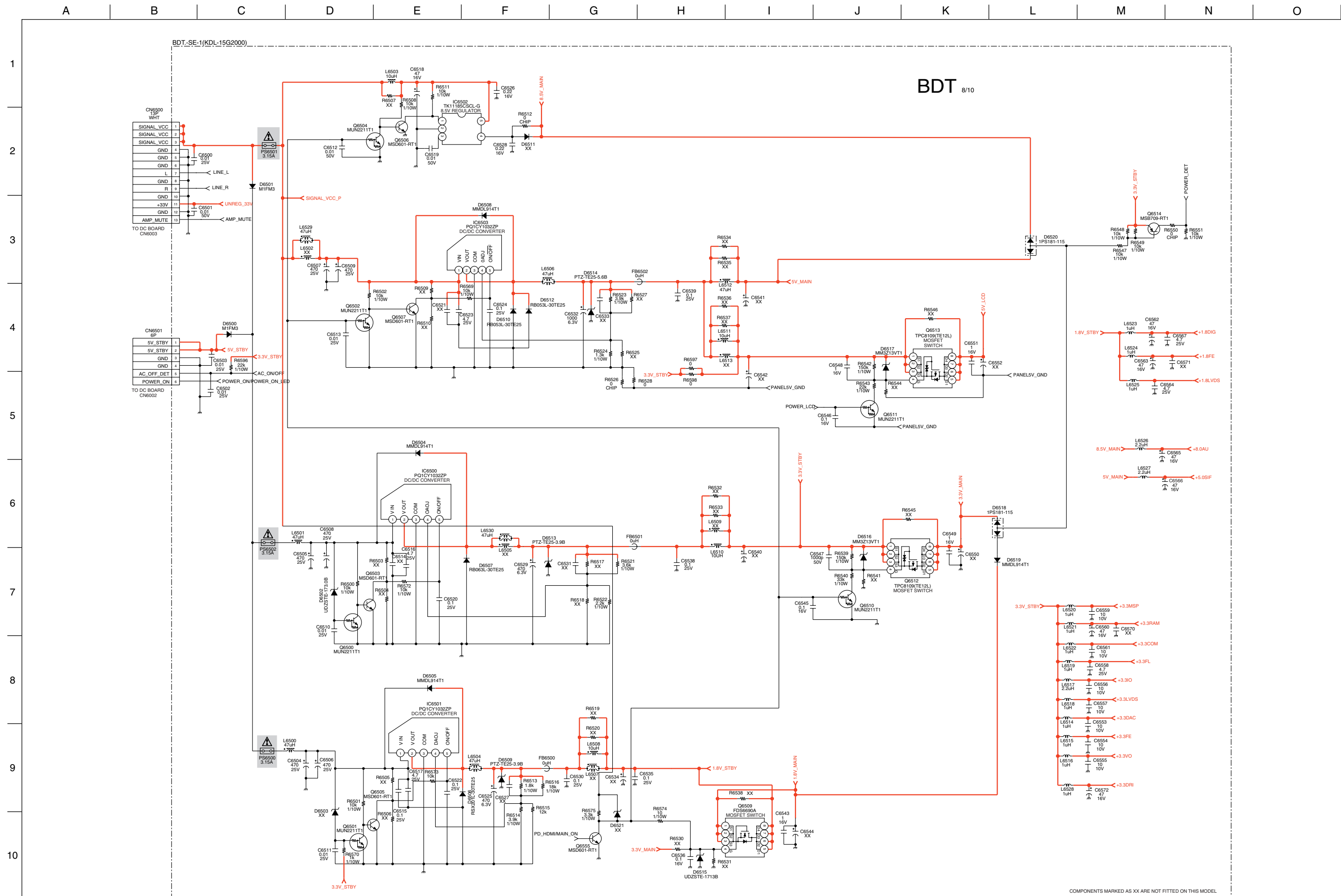
SERVICE (MEMORY STICK) CONNECTOR

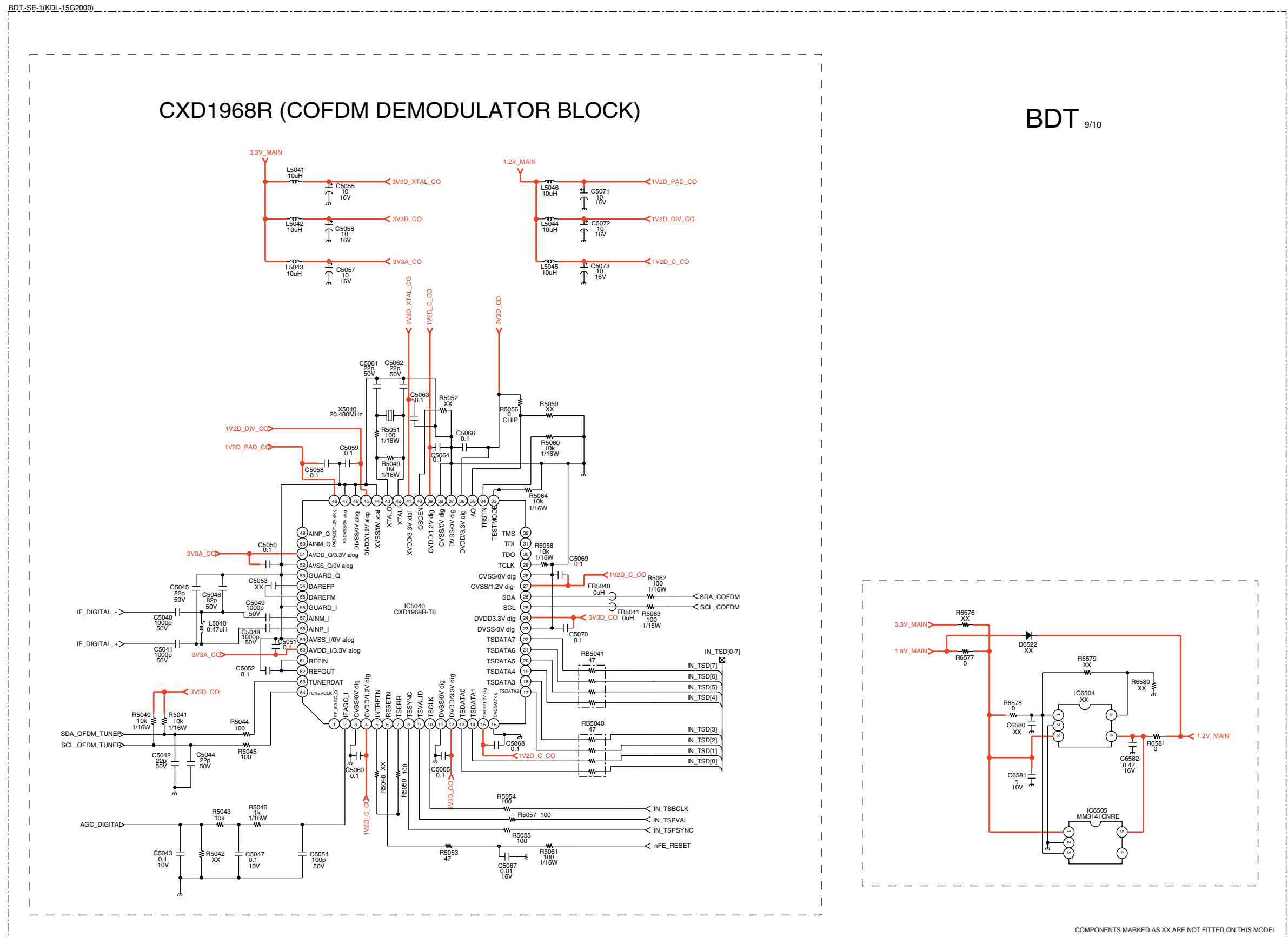
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

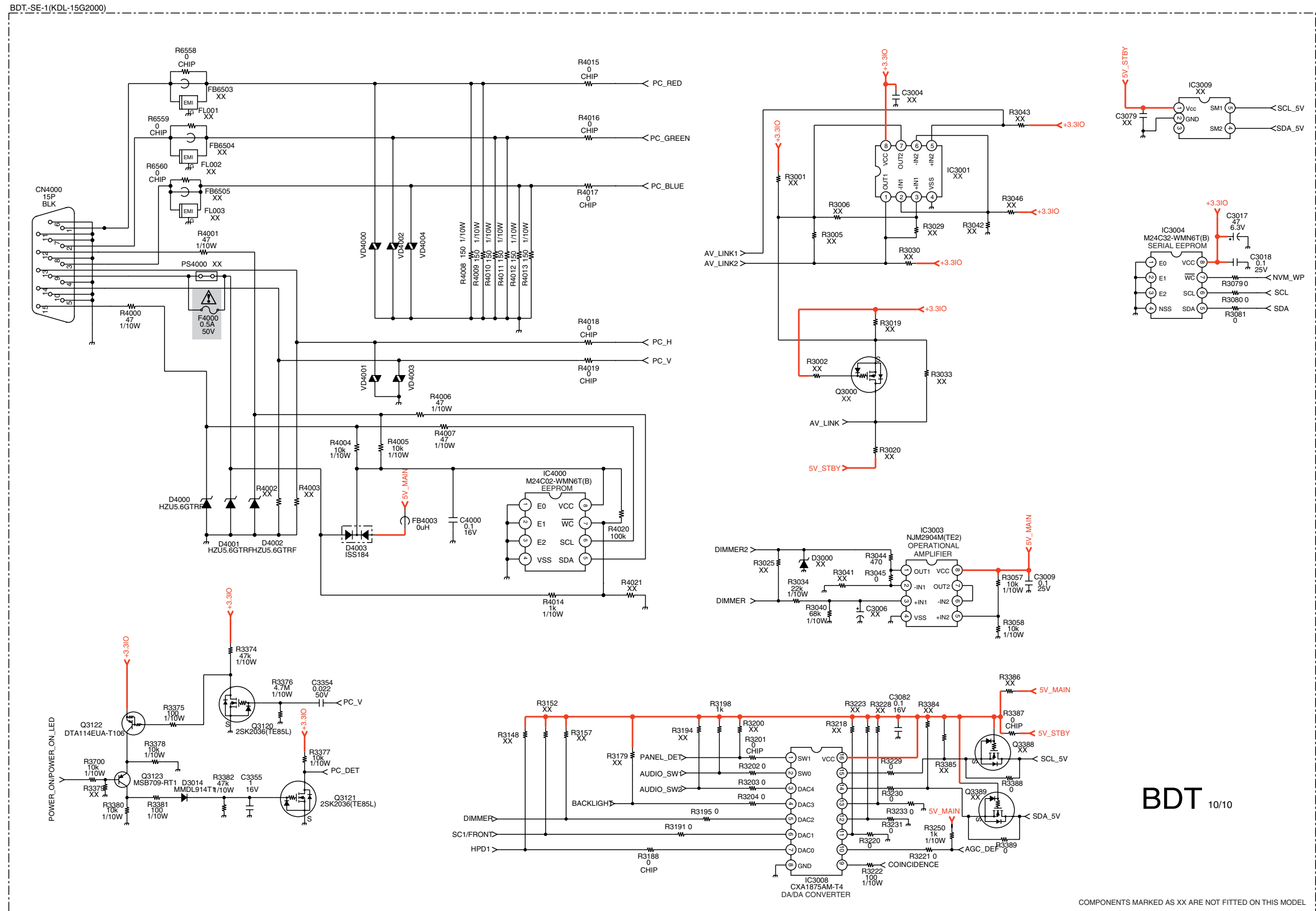
BDT-SE-1(KDL-15G2000)

BDT 7/10









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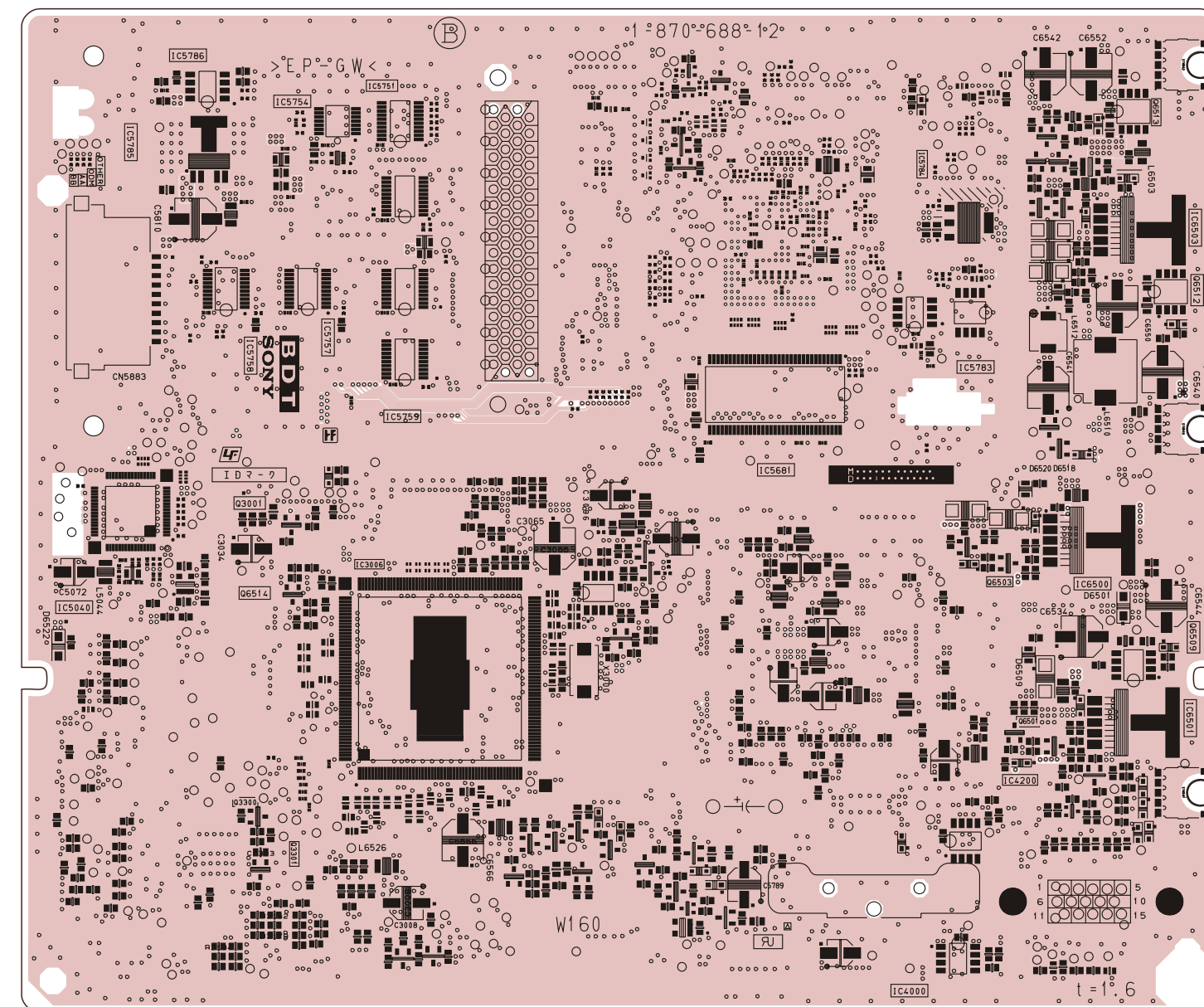
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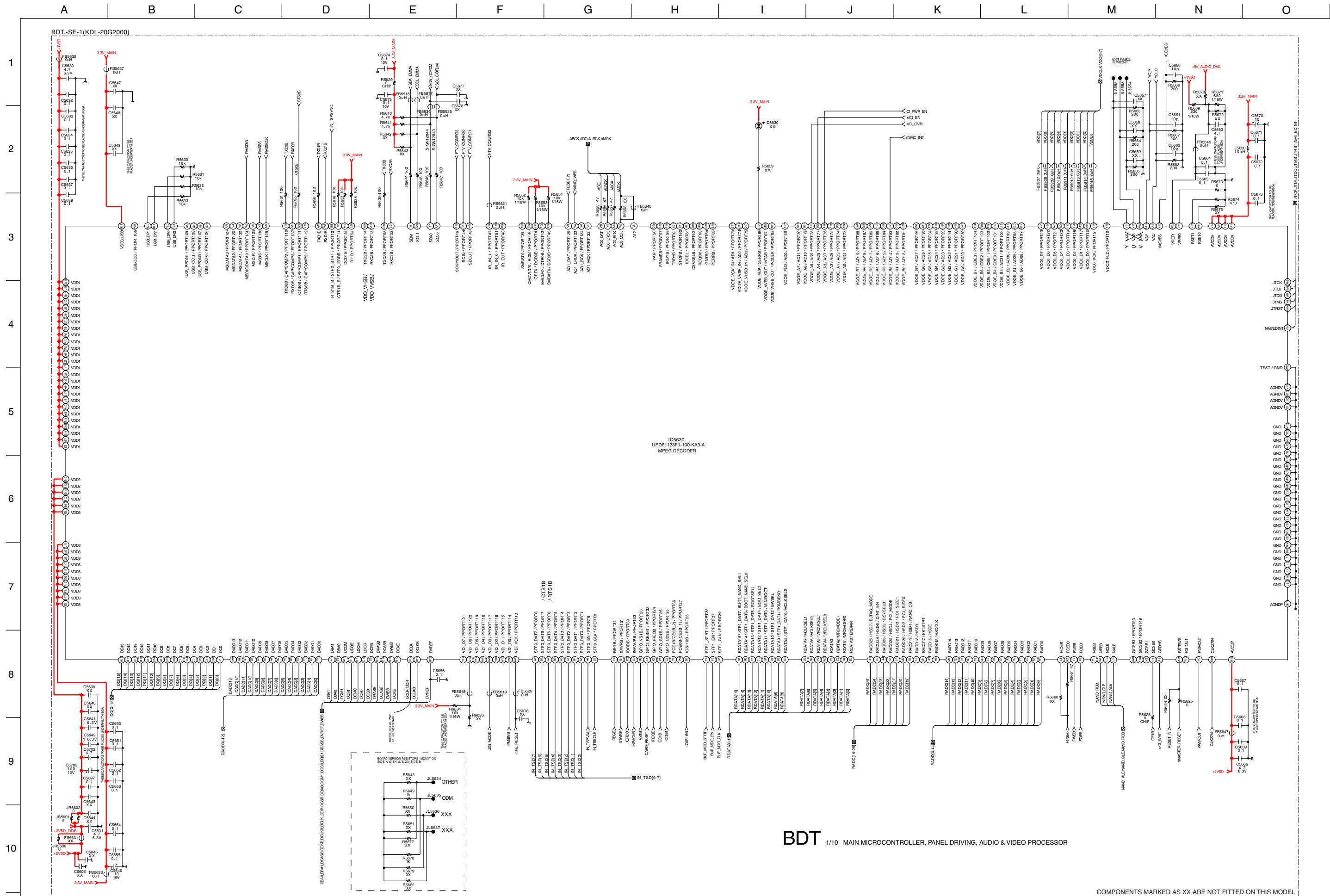
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10

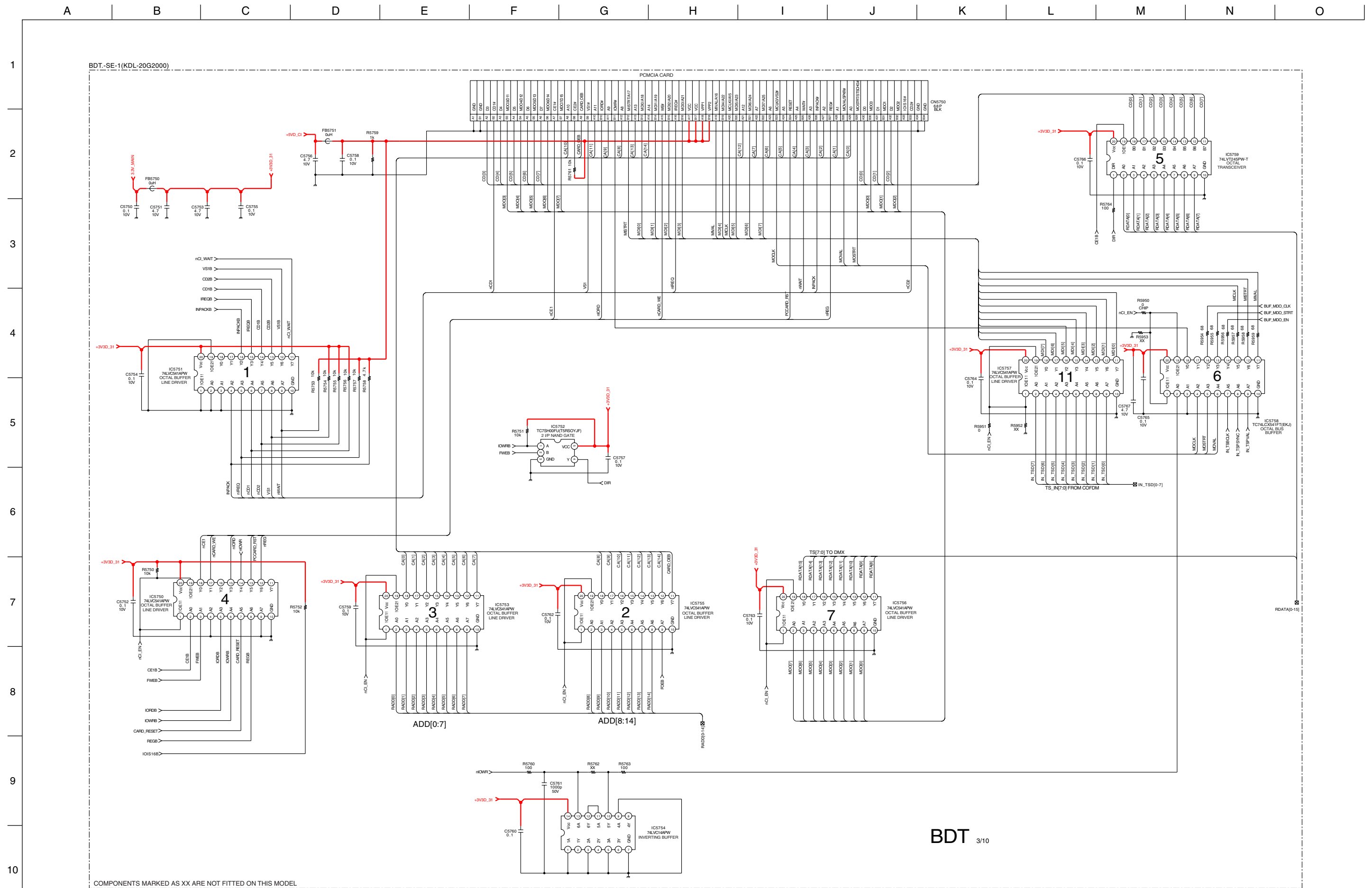
11

~ BDT Printed Wiring Board Conductor Side B ~

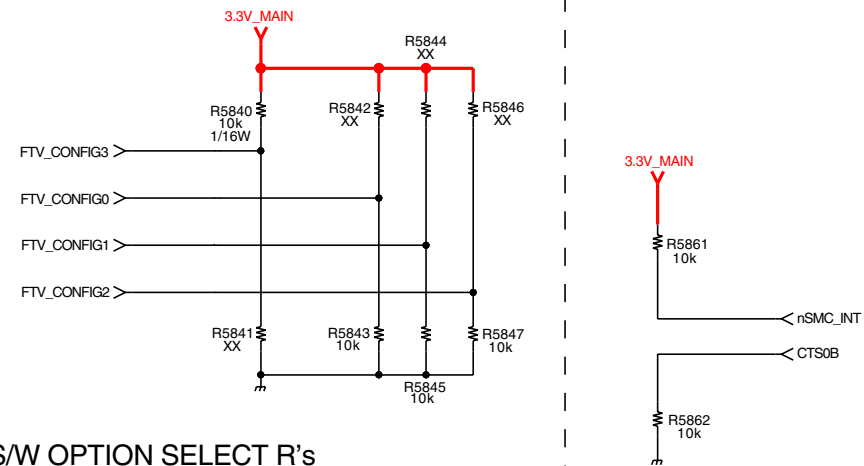








BDT.-SE-1(KDL-20G2000)

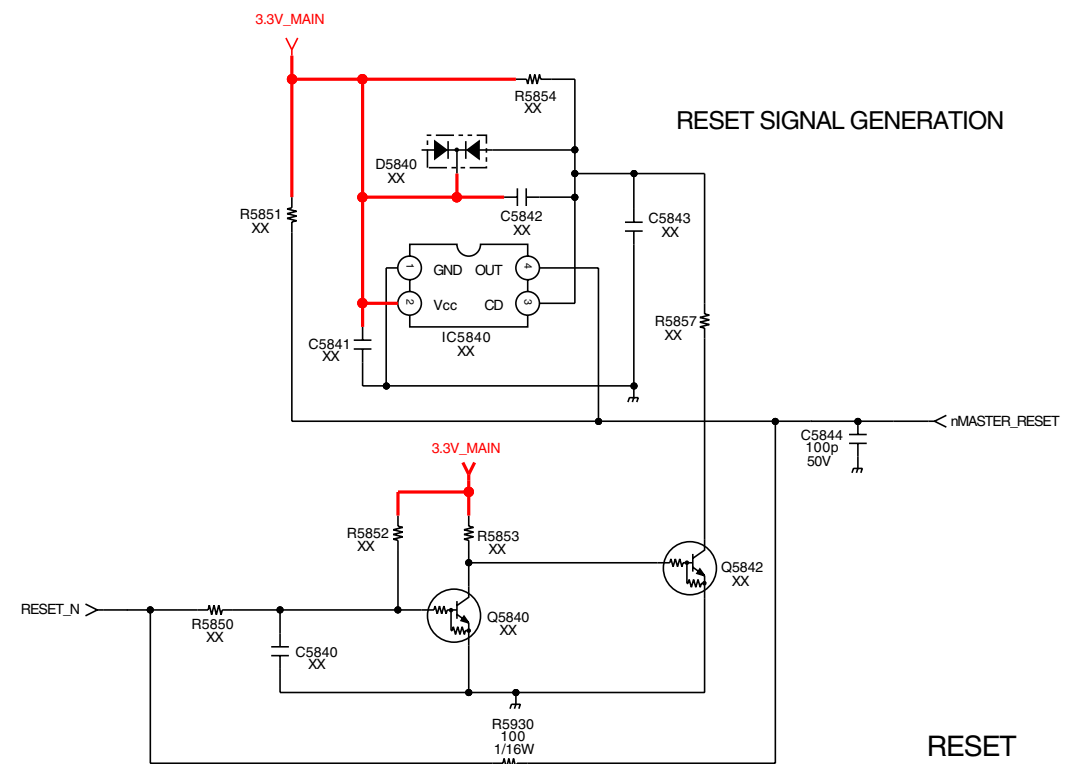


S/W OPTION SELECT R's

	00 TRIAL	CONF. TRIAL
FTV_CONFIG3	0	0
FTV_CONFIG0	1	0
FTV_CONFIG1	0	0
FTV_CONFIG2	1	0

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

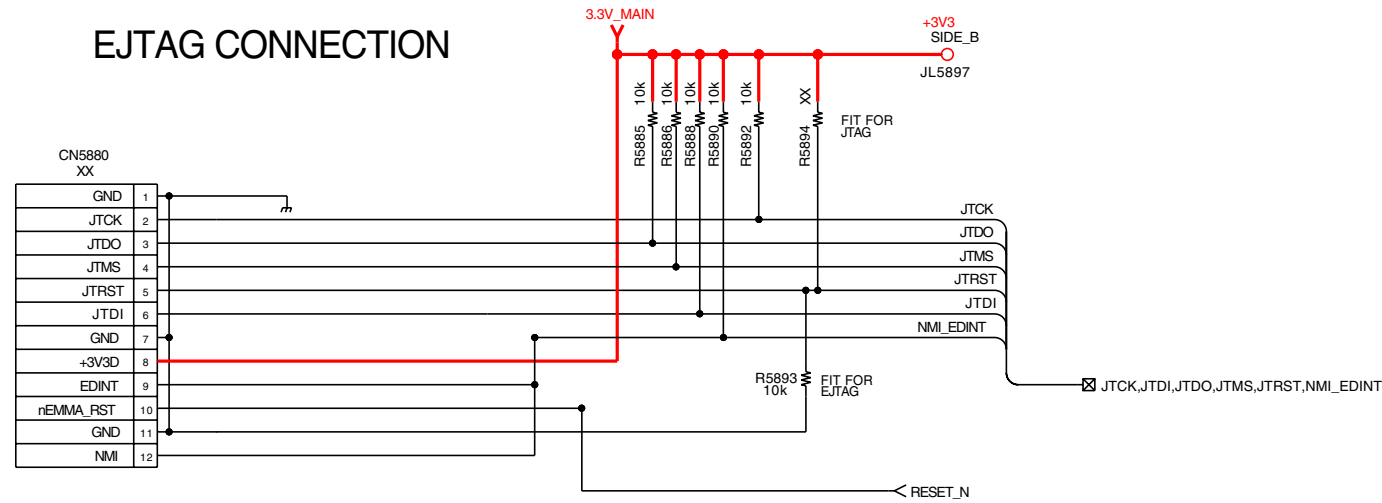
BDT 5/10



RESET

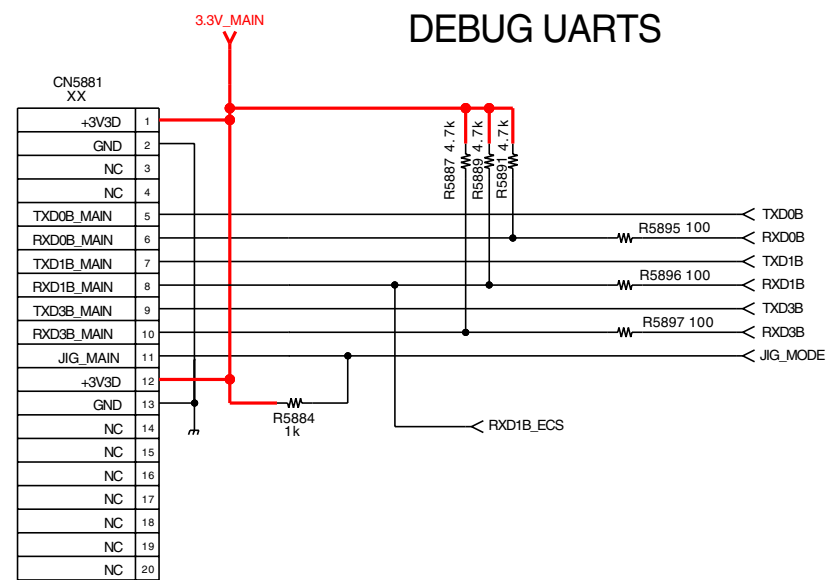
BDT.-SE-1(KDL-20G2000)

EJTAG CONNECTION

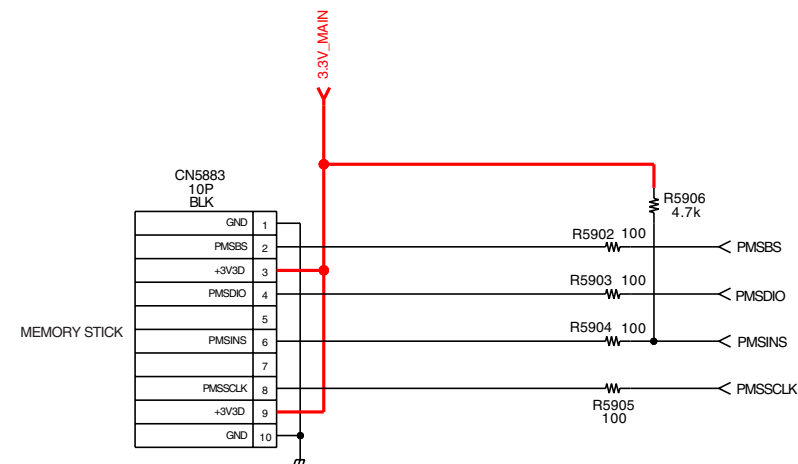


BDT 6/10

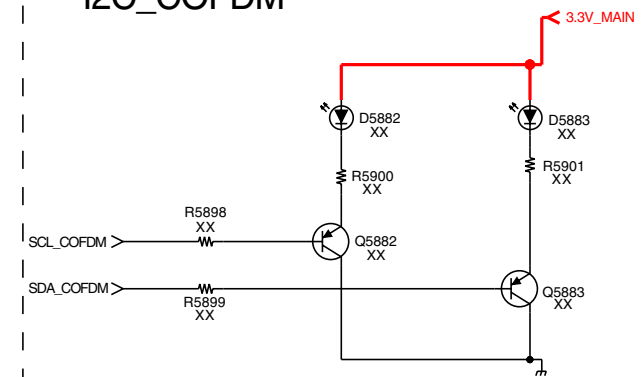
DEBUG UARTS



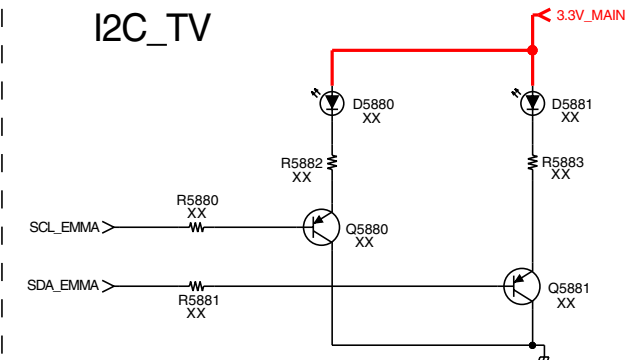
SERVICE (MEMORY STICK) CONNECTOR



I2C_COIFDM



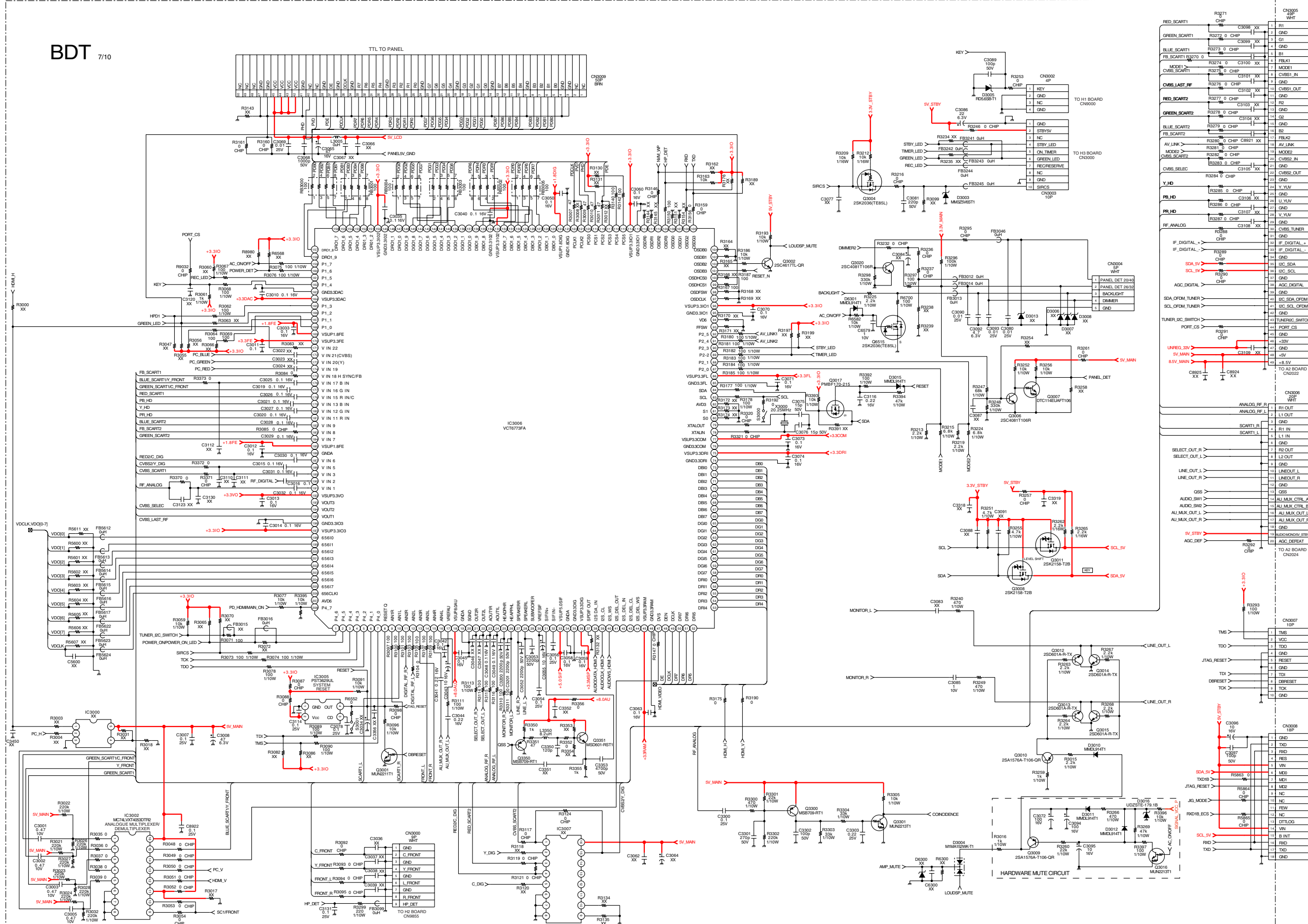
I2C_TV



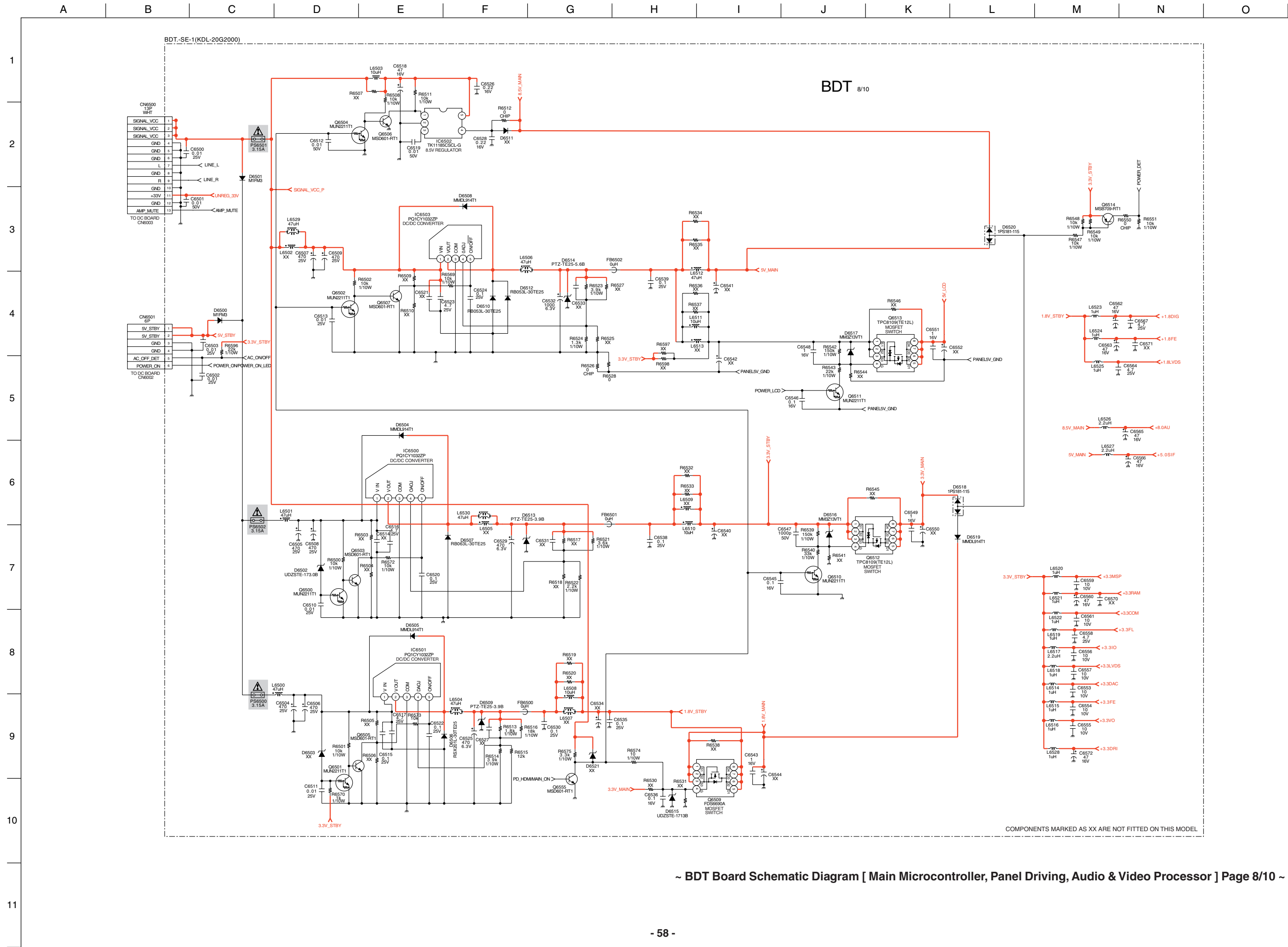
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BDT

7/10

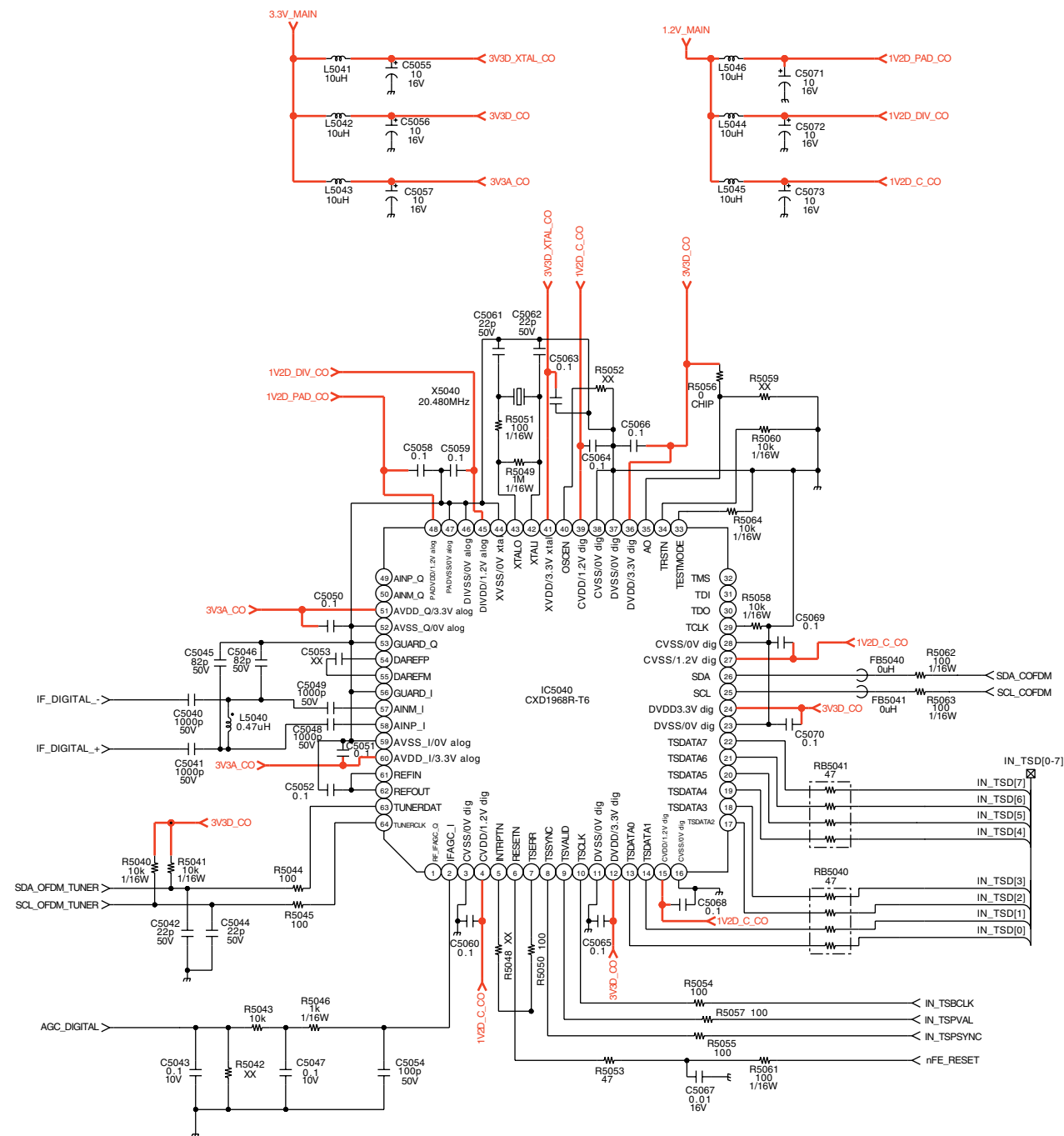


COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

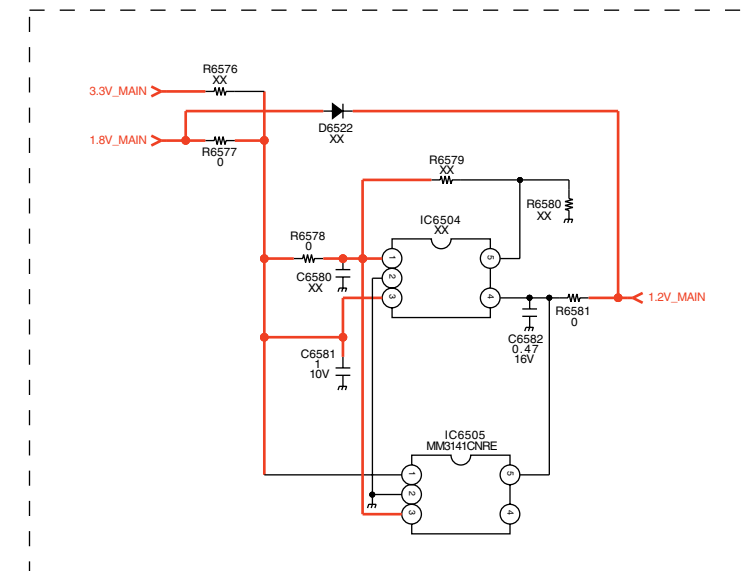


BDT.-SE-1(KDL-20G2000)

CXD1968R (COFDM DEMODULATOR BLOCK)



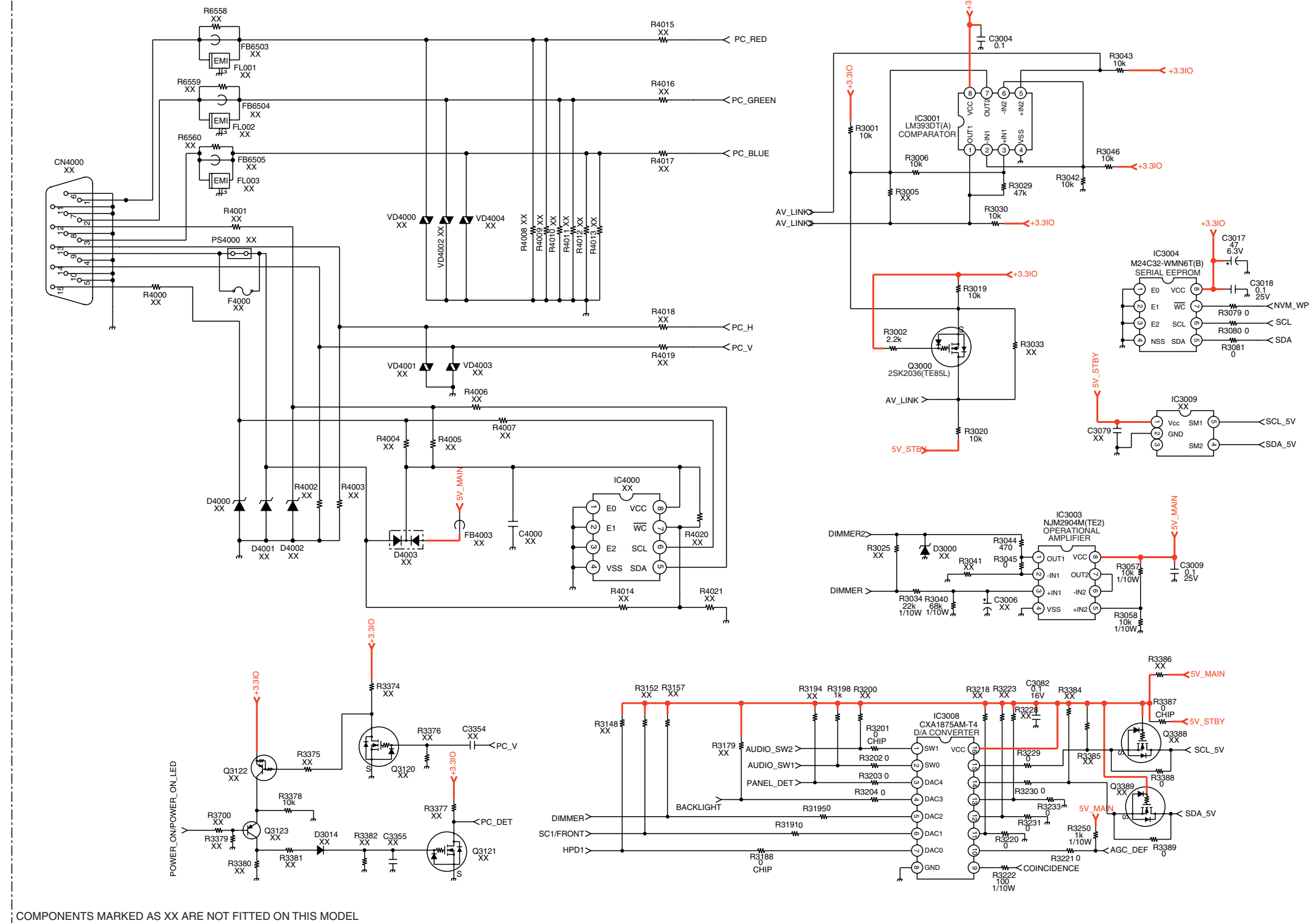
BDT 9/10



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BDT-SE-1 (KDL-20G2000)

BDT 10/10



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

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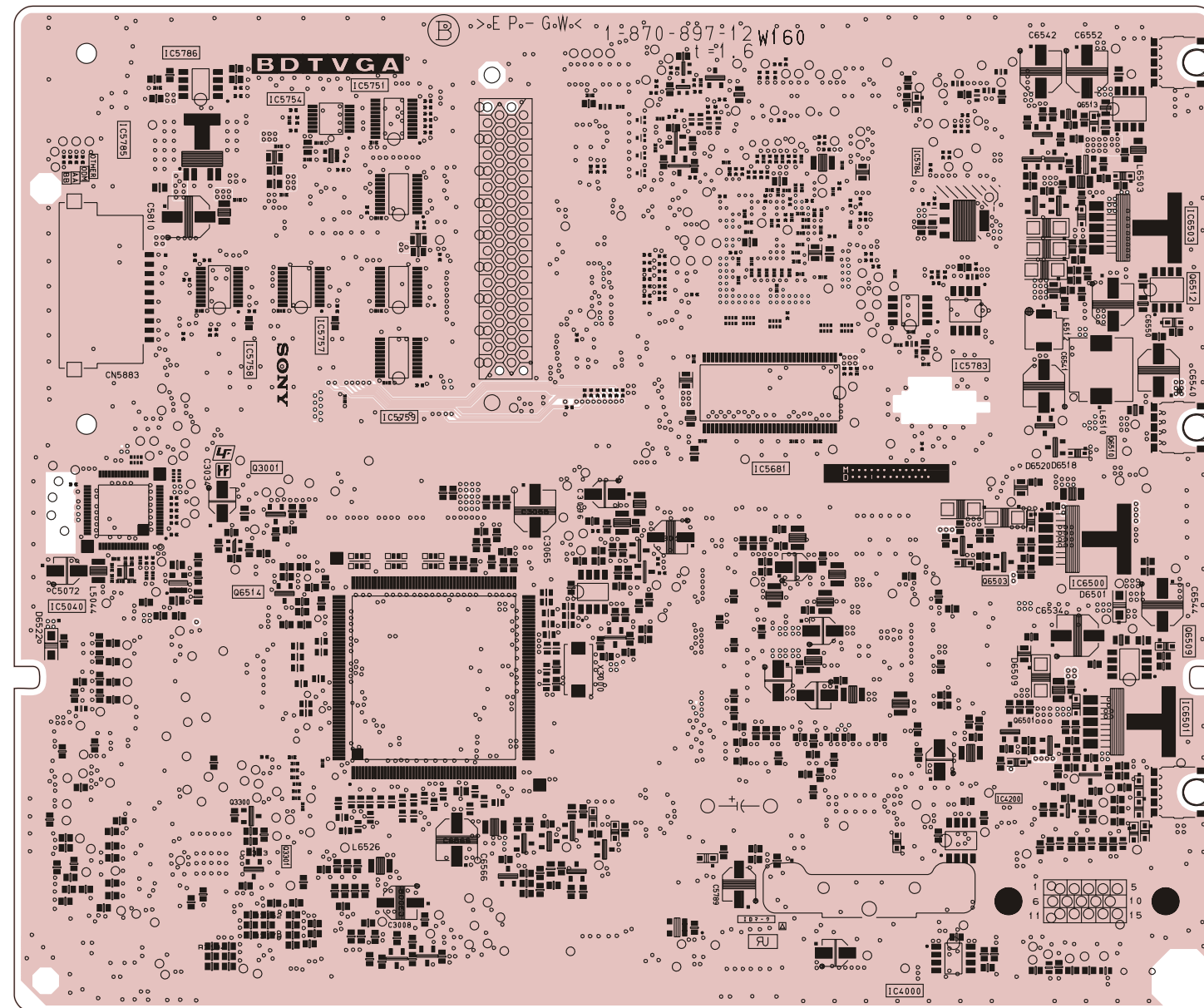
8

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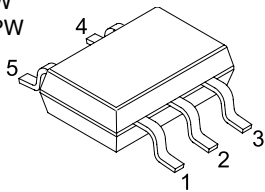
11

~ BDT Printed Wiring Board Conductor Side B ~

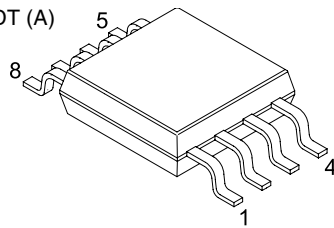


4-4. SEMICONDUCTORS

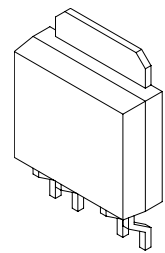
74LVC14APW
74LVC541APW



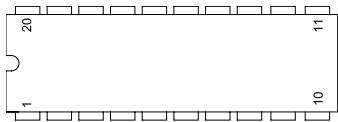
LM393DT (A)



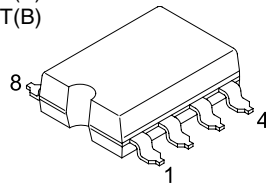
PQ070XNA1ZPH



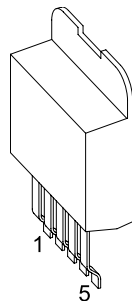
74LVT245PW-T



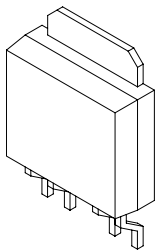
M24C02-WMN6T(B)
M24C32-WMN6T(B)



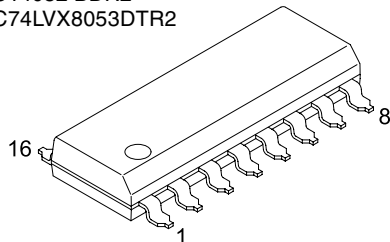
PQ1CY1032ZP



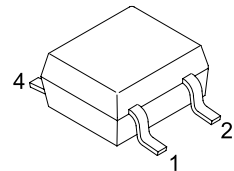
BD9701FP-E2



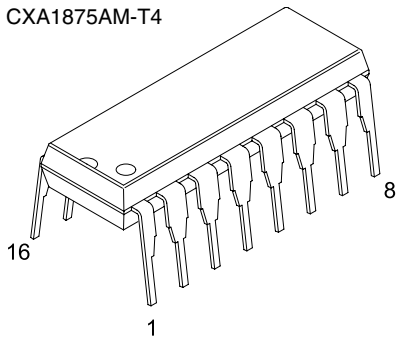
MC14052 BDR2
MC74LVX8053DTR2



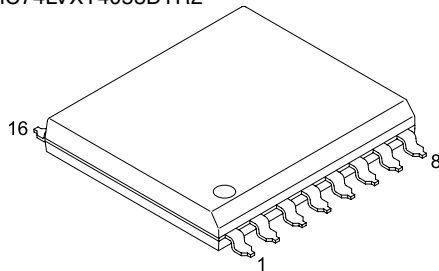
PST3629UL
PST575IMT-T1



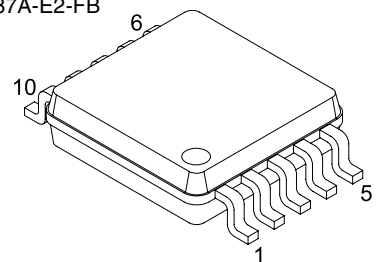
CXA1875AM-T4



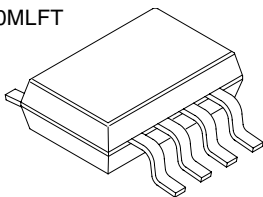
MC74LVXT4053DTR2



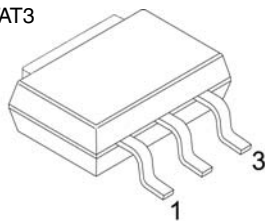
RV5C387A-E2-FB



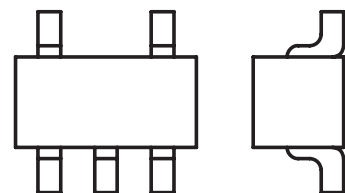
ICS7150MLFT



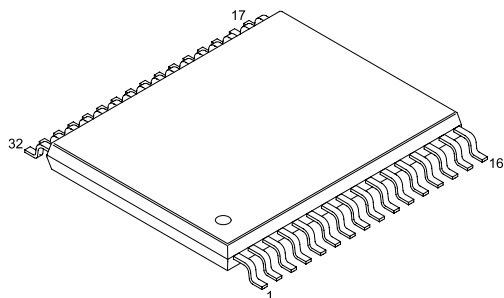
NCP1117STAT3



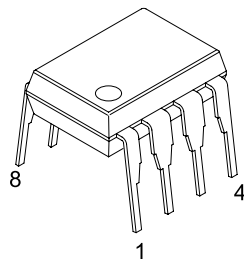
TAR5S50(TE85R)



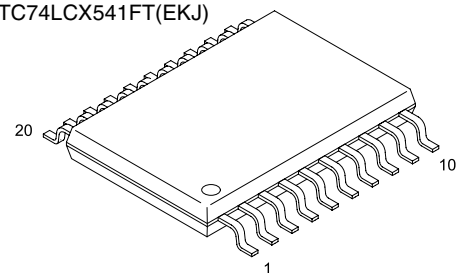
K9F2808U0C-PCB0T



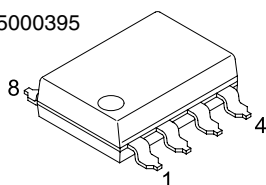
NJM2904M



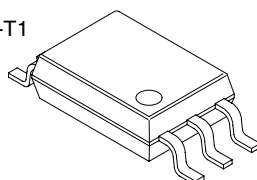
TC74LCX541FT(EKJ)



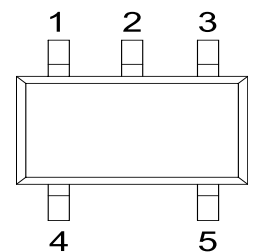
LM3525MX-H/J5000395



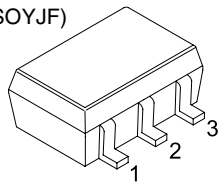
NJM3404AM-T1



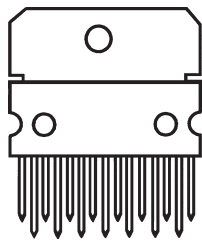
TC7S66FU



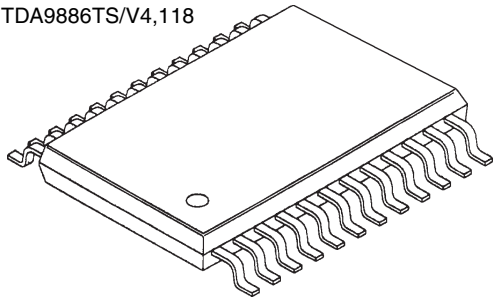
TC7SH00FU(T5RSOYJF)



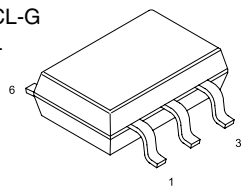
TDA7495S



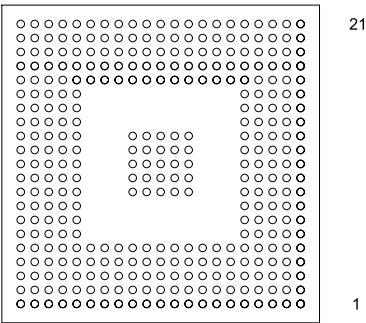
TDA9886TS/V4,118



TK11185CSCL-G
TK11819MTL



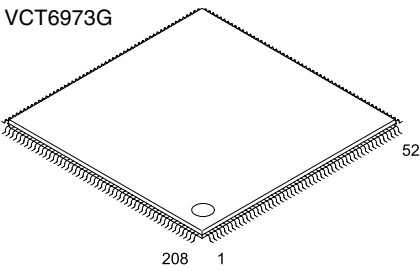
UPD61123F1-100-KA3-A



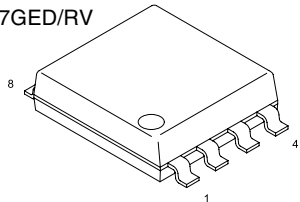
AA

A

VCT6973G



WM8727GED/RV

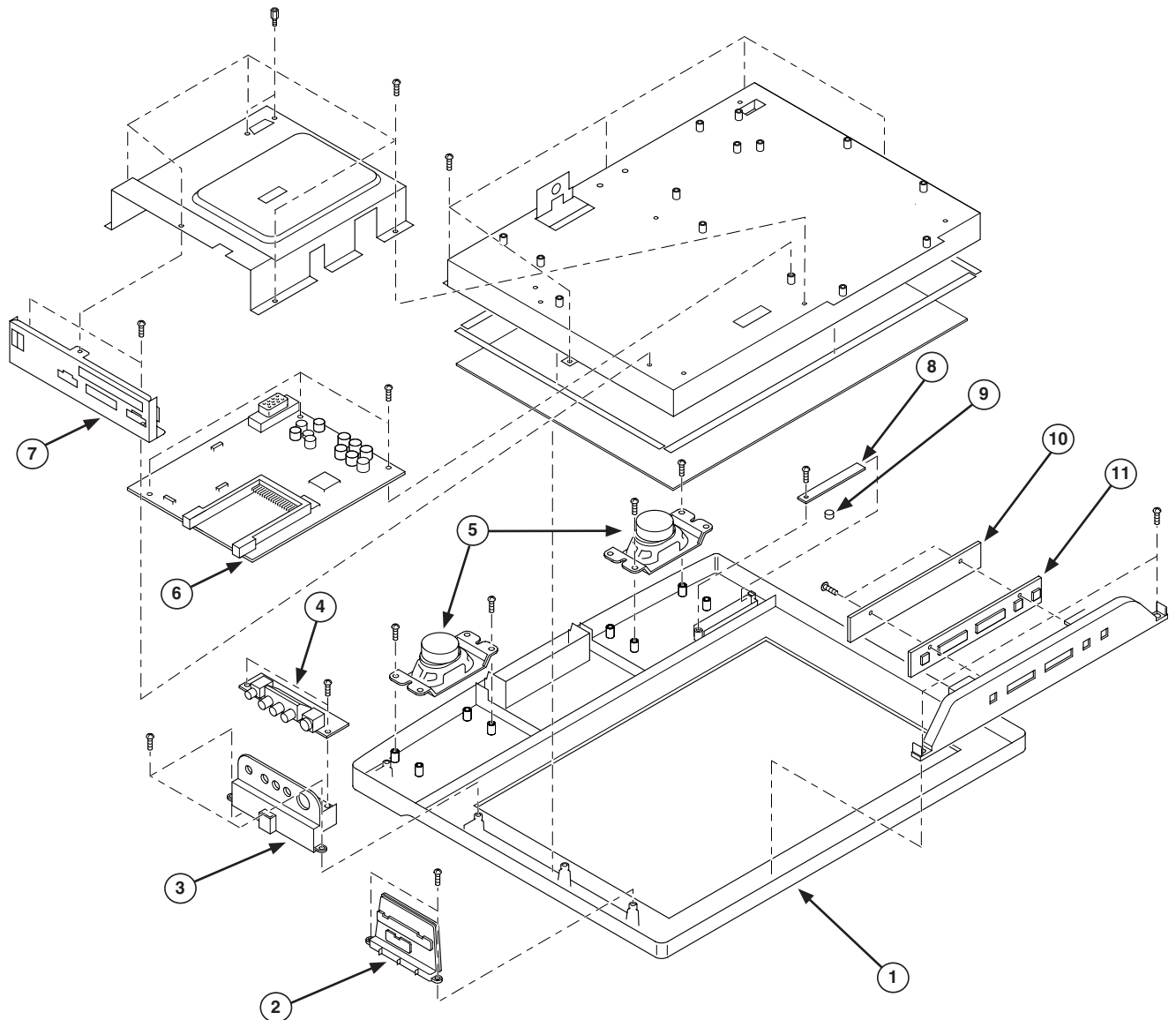


SECTION 5 EXPLODED VIEWS

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.

5-1. KDL-15G2000 UK/AEP - CHASSIS



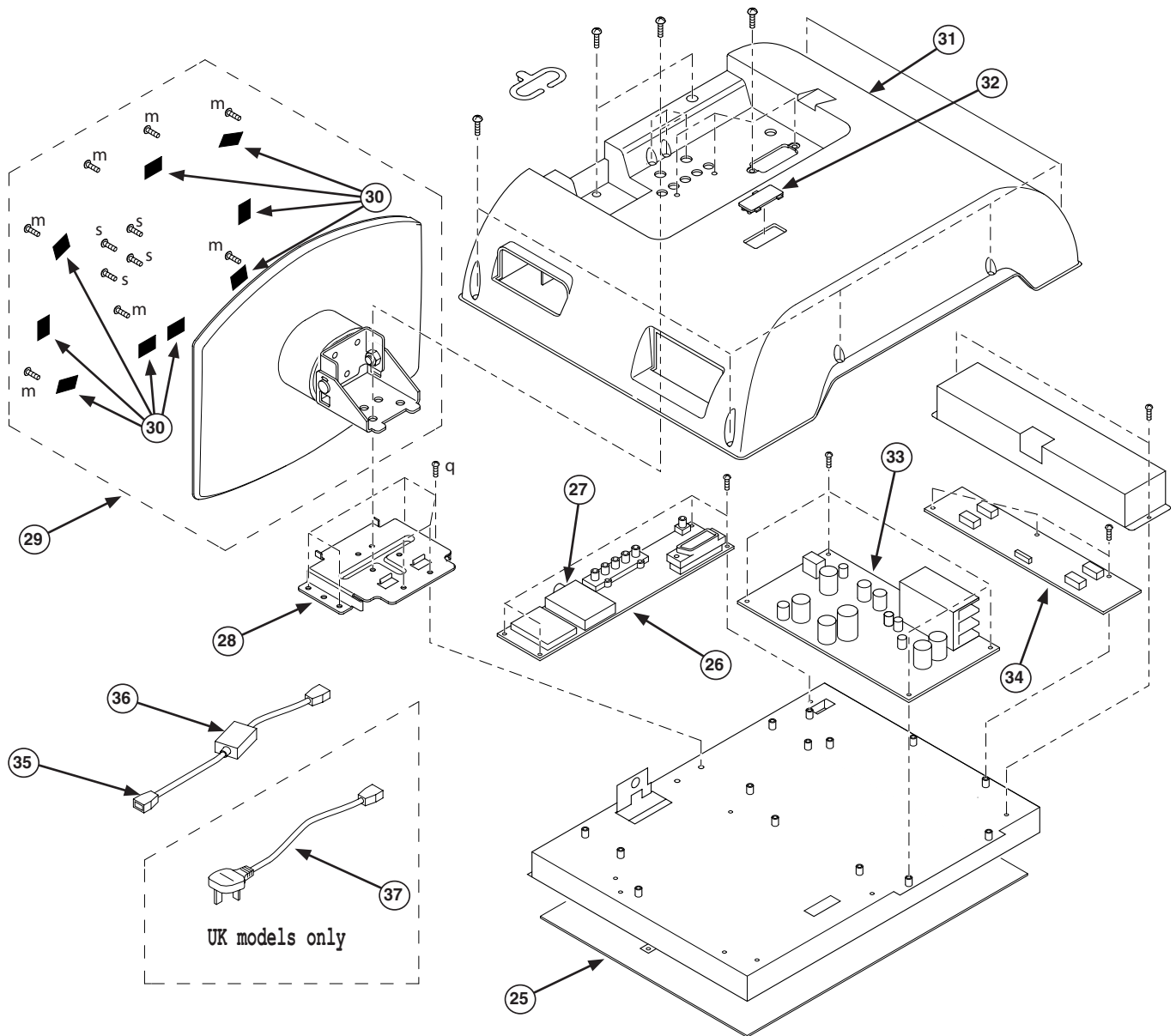
REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	X-2149-223-1	BEZEL (15) ASSY		7	*2-886-374-01	BRACKET, CARD SLOT	
2	2-889-332-01	COVER, PCMCIA		8	*1-789-668-11	H3 BOARD, COMPLETE	
3	2-699-371-01	BRACKET, SIDE TERMINAL		9	2-699-373-01	IR LENS (15)	
4	*1-789-670-11	H2 BOARD, COMPLETE			2-699-374-01	LED LENS (15)	
5	1-826-540-11	LOUDSPEAKER (4X7CM)		10	*1-789-671-11	H1 BOARD, COMPLETE	
6	*A-1204-488-A	BDT BOARD, COMPLETE		11	X-2149-221-1	BUTTON ASSY	

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 du numéro spécifié.

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

5-2. KDL-15G2000 UK/AEP - CHASSIS/STAND/REAR COVER

m	7-685-245-14	SCREW, KTP 3X6 TYPE2 NON-SHT
s	2-580-601-01	SCREW, +PSW M4X12
q	7-685-647-79	SCREW, +BVTP TYPE2 IT3

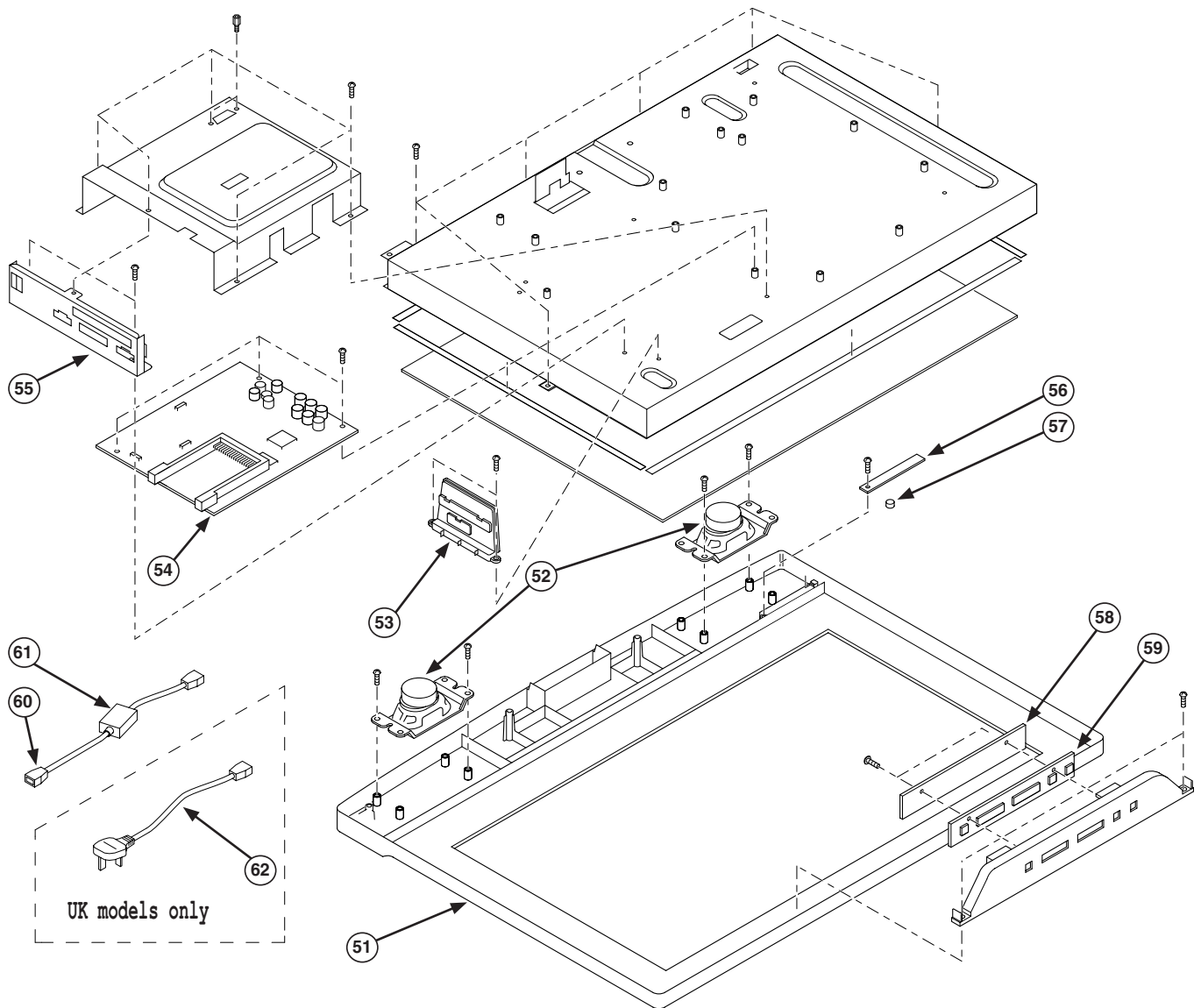


REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
25	1-802-270-11	LCD PANEL (15 INCH XGA TFT)		32	2-889-333-01	COVER, SERVICE	
26	*A-1204-486-A	A2 BOARD, COMPLETE		33	*A-1204-490-A	DC BOARD, COMPLETE	
27	8-597-590-00	TUNER, FSS BTP-HC401Z		34	*1-789-672-11	INVERTER BOARD, COMPLETE	
28	*2-886-380-01	BRACKET, HINGE (15)		35	1-827-481-11	POWER SUPPLY CORD	KDL-15G2000 (AEP)
29	X-2149-225-1	STAND (15) ASSY	30	36	1-478-727-34	DC POWER SUPPLY	
30	2-668-639-01	FOOT, STAND		37	1-827-480-11	POWER SUPPLY CORD	KDL-15G2000 (UK)
31	X-2149-224-1	CABINET, REAR (15) ASSY					

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 du numéro spécifié.

5-3. KDL-20G2000 UK/AEP - CHASSIS

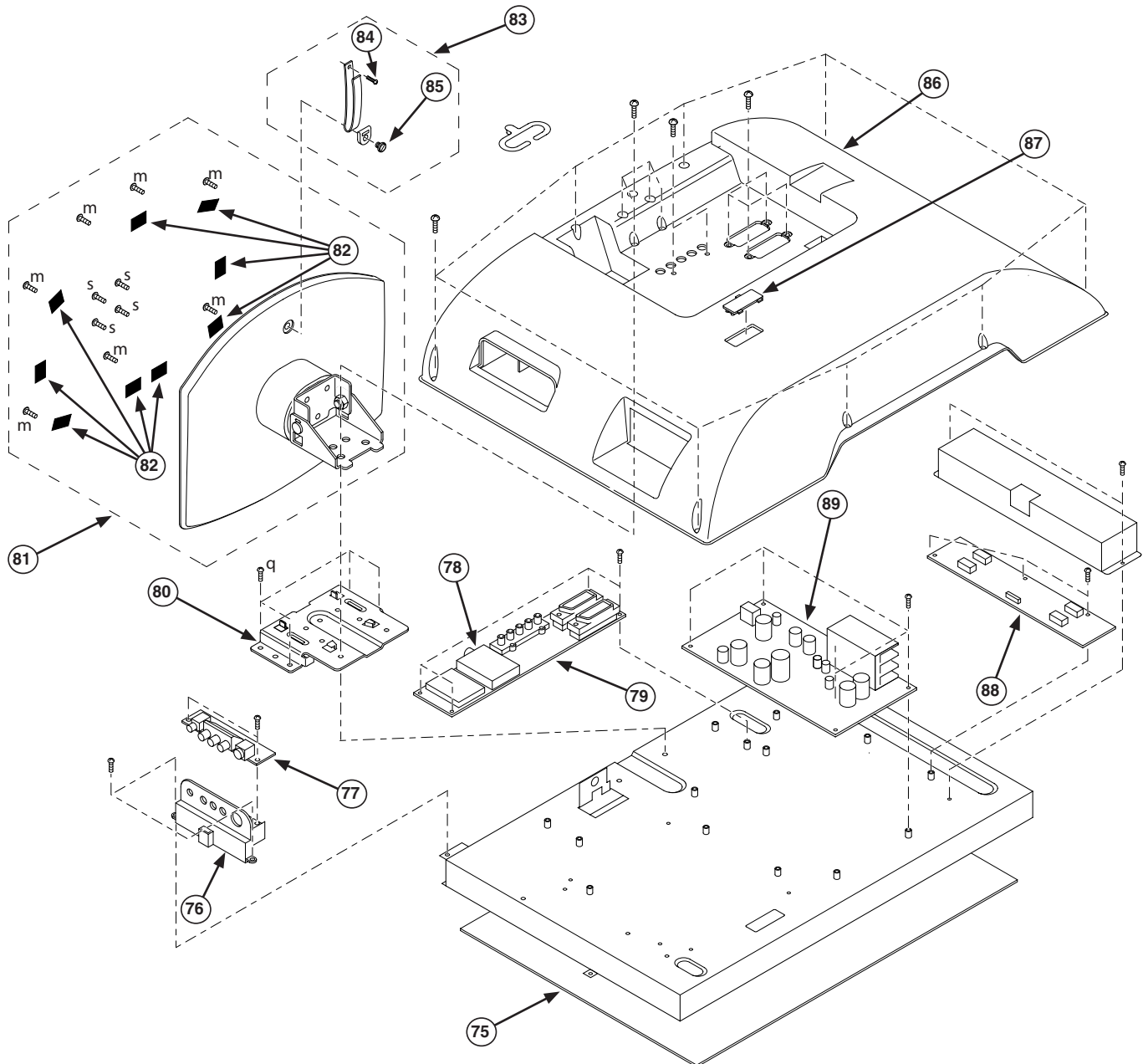
Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2149-219-1	BEZEL (20) ASSY		58	*1-789-671-11	H1 BOARD, COMPLETE	
52	1-826-540-11	LOUDSPEAKER (4X7CM)		59	X-2149-221-1	BUTTON ASSY	
53	2-889-332-01	COVER, PCMCIA		60	1-827-481-11	POWER SUPPLY CORD	KDL-20G2000 (AEP)
54	*A-1204-505-A	BDT BOARD, COMPLETE		61	1-478-235-14	DC POWER SUPPLY	
55	2-886-374-01	BRACKET, CARD SLOT		62	1-827-480-11	POWER SUPPLY CORD	KDL-20G2000 (UK)
56	*1-789-669-11	H3 BOARD, COMPLETE					
57	2-699-368-01	IR LENS (20)					
	2-699-369-01	LED LENS (20)					

5-4. KDL-20G2000 UK/AEP - CHASSIS/STAND/REAR COVER

m	7-685-245-14	SCREW, KTP 3X6 TYPE2 NON-SHT
s	2-580-601-01	SCREW, +PSW M4X12
q	7-685-647-79	SCREW, +BVTP TYPE2 IT3



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
75	1-802-271-11	LCD PANEL (20 INCH VGA TFT)		83	*X-2005-089-2	LOCK ASSY, RUDDER	84, 85
76	2-699-371-01	BRACKET, SIDE TERMINAL		84	2-580-663-01	SCREW, WOOD 3.8X20	
77	*1-789-670-11	H2 BOARD, COMPLETE		85	2-593-320-02	SCREW, COIN (M6X18)	
78	8-597-590-00	TUNER, FSS BTP-HC401Z		86	X-2149-220-1	CABINET, REAR (20) ASSY	
79	*A-1204-504-A	A2 BOARD, COMPLETE		87	2-889-333-01	COVER, SERVICE	
80	*2-886-375-01	BRACKET, HINGE (20)		88	*1-789-673-11	INVERTER BOARD, COMPLETE	
81	X-2149-222-1	STAND (20) ASSY	82	89	*A-1204-506-A	DC BOARD, COMPLETE	
82	2-668-639-01	FOOT, STAND					

SECTION 6 ELECTRICAL PARTS LIST

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Note : The H1, H2 and H3 boards are regarded as non service items 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-1204-486-A A2 Board, Complete KDL-15G2000				C2079	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
*A-1204-504-A A2 Board, Complete KDL-20G2000				C2080	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
A2 Board, Common Parts				C2081	1-164-156-11	CERAMIC CHIP 0.1UF	25V
	*2-586-040-02	SHIELD CASE, IFOB (MAIN)		C2084	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
	*2-586-041-01	SHIELD CASE, IFOB (TOP)		C2085	1-117-370-11	CERAMIC CHIP 10UF	10V
< CAPACITOR >				< CONNECTOR >			
C1000	1-126-947-11	ELECT 47UF	20.00% 35V	CN2021	*1-417-602-11	SOCKET 21PIN	
C1001	1-164-156-11	CERAMIC CHIP 0.1UF	25V	CN2022	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
C1100	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	CN2024	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
C1102	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V	< DIODE >			
C1103	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V	D1100	8-719-069-55	DIODE UDZSTE-175.6B	
C1104	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D1101	8-719-083-87	DIODE UDZS-TE17-33B	
C1105	1-126-968-11	ELECT 100UF	20.00% 50V	D1102	8-719-069-55	DIODE UDZSTE-175.6B	
C1106	1-126-916-11	ELECT 1000UF	20.00% 6.3V	D1200	8-719-050-38	DIODE M1M152WK-T1	
C1107	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D2025	8-719-083-63	DIODE UDZSTE-1713B	
C1108	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D2026	8-719-069-60	DIODE UDZSTE-179.1B	
C1200	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D2027	8-719-069-60	DIODE UDZSTE-179.1B	
C1202	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D2028	8-719-069-60	DIODE UDZSTE-179.1B	
C1203	1-104-662-91	ELECT 22UF	20.00% 25V	D2029	8-719-069-55	DIODE UDZSTE-175.6B	
C1204	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D2030	8-719-069-60	DIODE UDZSTE-179.1B	
C1205	1-164-392-11	CERAMIC CHIP 390PF	5.00% 50V	D2031	8-719-069-60	DIODE UDZSTE-179.1B	
C1206	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D2037	8-719-069-60	DIODE UDZSTE-179.1B	
C1207	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D2038	8-719-069-60	DIODE UDZSTE-179.1B	
C1208	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	D2039	8-719-069-60	DIODE UDZSTE-179.1B	
C1209	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	D2040	8-719-069-60	DIODE UDZSTE-179.1B	
C1210	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V	D2058	8-719-069-60	DIODE UDZSTE-179.1B	
C1211	1-131-664-91	CERAMIC CHIP 0.15UF	10% 10V	D2059	8-719-069-60	DIODE UDZSTE-179.1B	
C1213	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D2065	8-719-069-55	DIODE UDZSTE-175.6B	
C1216	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V	D2066	8-719-069-55	DIODE UDZSTE-175.6B	
C1218	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D2067	8-719-069-55	DIODE UDZSTE-175.6B	
C1219	1-162-926-11	CERAMIC CHIP 82PF	5.00% 50V	D2069	8-719-069-55	DIODE UDZSTE-175.6B	
C1220	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	D2070	8-719-069-55	DIODE UDZSTE-175.6B	
C1221	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V	D2071	8-719-069-55	DIODE UDZSTE-175.6B	
C1222	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V	< FERRITE BEAD >			
C1223	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB1100	1-469-185-11	FERRITE 0UH	
C1226	1-162-961-11	CERAMIC CHIP 330PF	10.00% 50V	FB1101	1-469-185-11	FERRITE 0UH	
C1227	1-126-933-11	ELECT 100UF	20.00% 16V	< IC >			
C2000	1-126-933-11	ELECT 100UF	20.00% 16V	IC1000	6-704-465-01	IC MC74LVX8053DTR2	
C2025	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	IC1200	6-704-747-01	IC TDA9886TS/V4,118	
C2026	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	IC2000	8-759-385-76	IC MC14052 BDR2	
C2027	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	< SOCKET >			
C2028	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	J2024	1-819-354-11	PHONO JACK 5P	
C2043	1-165-908-11	CERAMIC CHIP 1UF	10% 10V				
C2044	1-165-908-11	CERAMIC CHIP 1UF	10% 10V				
C2048	1-126-396-11	ELECT CHIP 47UF	20.00% 16V				
C2049	1-126-396-11	ELECT CHIP 47UF	20.00% 16V				
C2073	1-165-908-11	CERAMIC CHIP 1UF	10% 10V				
C2074	1-165-908-11	CERAMIC CHIP 1UF	10% 10V				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< COIL >				R1216	1-216-834-11	METAL CHIP	12K 5% 1/10W
L1000	1-414-934-21	INDUCTOR	10UH	R1217	1-216-864-11	SHORT CHIP	0
L1100	1-412-987-31	INDUCTOR	4.7UH	R1218	1-216-809-11	METAL CHIP	100 5% 1/10W
L1101	1-412-987-31	INDUCTOR	4.7UH	R1219	1-216-864-11	SHORT CHIP	0
L1102	1-414-580-21	INDUCTOR	100NH	R1220	1-216-809-11	METAL CHIP	100 5% 1/10W
L1103	1-414-580-21	INDUCTOR	100NH	R1221	1-216-845-11	METAL CHIP	100K 5% 1/10W
L1104	1-414-934-21	INDUCTOR	10UH	R1222	1-216-813-11	METAL CHIP	220 5% 1/10W
L1105	1-414-580-21	INDUCTOR	100NH	R1223	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
L1107	1-414-934-21	INDUCTOR	10UH	R1224	1-216-809-11	METAL CHIP	100 5% 1/10W
L1200	1-414-934-21	INDUCTOR	10UH	R1225	1-216-864-11	SHORT CHIP	0
L1201	1-410-993-42	INDUCTOR	1UH	R1226	1-216-819-11	METAL CHIP	680 5% 1/10W
L1223	1-410-509-11	INDUCTOR	10UH	R1228	1-216-864-11	SHORT CHIP	0
L2000	1-414-934-21	INDUCTOR	10UH	R1229	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
< TRANSISTOR >				R1230	1-216-822-11	METAL CHIP	1.2K 5% 1/10W
Q1200	8-729-010-29	TRANSISTOR MSD601-RST1		R1232	1-216-807-11	METAL CHIP	68 5% 1/10W
Q1201	8-729-421-19	TRANSISTOR UN2213		R1233	1-216-807-11	METAL CHIP	68 5% 1/10W
Q1202	8-729-421-19	TRANSISTOR UN2213		R1234	1-216-814-11	METAL CHIP	270 5% 1/10W
Q1203	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R1235	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q1204	8-729-421-19	TRANSISTOR UN2213		R1237	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q1205	8-729-010-05	TRANSISTOR MSB709-RT1		R1238	1-216-864-11	SHORT CHIP	0
Q2000	8-729-010-29	TRANSISTOR MSD601-RST1		R1239	1-216-812-11	METAL CHIP	180 5% 1/10W
Q2001	8-729-010-29	TRANSISTOR MSD601-RST1		R1240	1-216-801-11	METAL CHIP	22 5% 1/10W
Q2004	8-729-010-05	TRANSISTOR MSB709-RT1		R1241	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q2005	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1301	1-216-864-11	SHORT CHIP	0
< RESISTOR >				R1302	1-216-864-11	SHORT CHIP	0
R1001	1-216-864-11	SHORT CHIP	0	R1305	1-216-864-11	SHORT CHIP	0
R1002	1-216-809-11	METAL CHIP	100 5% 1/10W	R1306	1-216-864-11	SHORT CHIP	0
R1003	1-216-864-11	SHORT CHIP	0	R1307	1-216-864-11	SHORT CHIP	0
R1004	1-216-864-11	SHORT CHIP	0	R1308	1-216-864-11	SHORT CHIP	0
R1006	1-216-864-11	SHORT CHIP	0	R2000	1-216-809-11	METAL CHIP	100 5% 1/10W
R1007	1-216-864-11	SHORT CHIP	0	R2004	1-216-864-11	SHORT CHIP	0
R1008	1-216-864-11	SHORT CHIP	0	R2005	1-216-864-11	SHORT CHIP	0
R1009	1-216-864-11	SHORT CHIP	0	R2006	1-216-809-11	METAL CHIP	100 5% 1/10W
R1010	1-216-864-11	SHORT CHIP	0	R2007	1-216-864-11	SHORT CHIP	0
R1101	1-216-049-11	RES-CHIP	1K 5% 1/10W	R2008	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1201	1-216-835-11	METAL CHIP	15K 5% 1/10W	R2009	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1202	1-216-821-11	METAL CHIP	1K 5% 1/10W	R2011	1-216-809-11	METAL CHIP	100 5% 1/10W
R1203	1-216-837-11	METAL CHIP	22K 5% 1/10W	R2013	1-216-809-11	METAL CHIP	100 5% 1/10W
R1204	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R2015	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1206	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R2016	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1207	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	R2017	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1208	1-216-864-11	SHORT CHIP	0	R2018	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1210	1-216-817-11	METAL CHIP	470 5% 1/10W	R2019	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1212	1-216-830-11	METAL CHIP	5.6K 5% 1/10W	R2020	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1213	1-216-811-11	METAL CHIP	150 5% 1/10W	R2021	1-216-295-91	SHORT CHIP	0
R1214	1-216-827-11	METAL CHIP	3.3K 5% 1/10W	R2022	1-216-815-11	METAL CHIP	330 5% 1/10W
R1215	1-216-817-11	METAL CHIP	470 5% 1/10W	R2023	1-216-049-11	RES-CHIP	1K 5% 1/10W
				R2024	1-216-815-11	METAL CHIP	330 5% 1/10W
				R2025	1-216-049-11	RES-CHIP	1K 5% 1/10W
				R2026	1-216-022-00	RES-CHIP	75 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R2028	1-216-022-00	RES-CHIP	75	5%	1/10W	R2127	1-216-049-11	RES-CHIP	1K	5%	1/10W
R2029	1-216-022-00	RES-CHIP	75	5%	1/10W	R2129	1-216-864-11	SHORT CHIP	0		
R2030	1-216-022-00	RES-CHIP	75	5%	1/10W	R2132	1-216-864-11	SHORT CHIP	0		
R2031	1-216-022-00	RES-CHIP	75	5%	1/10W	R2134	1-216-840-11	METAL CHIP	39K	5%	1/10W
R2034	1-216-813-11	METAL CHIP	220	5%	1/10W	R2135	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2035	1-216-864-11	SHORT CHIP	0			R2136	1-216-811-11	METAL CHIP	150	5%	1/10W
R2036	1-216-813-11	METAL CHIP	220	5%	1/10W	R2137	1-216-817-11	METAL CHIP	470	5%	1/10W
R2037	1-216-864-11	SHORT CHIP	0			R2138	1-216-811-11	METAL CHIP	150	5%	1/10W
R2038	1-216-864-11	SHORT CHIP	0			R2145	1-216-864-11	SHORT CHIP	0		
R2039	1-216-864-11	SHORT CHIP	0			R2147	1-216-864-11	SHORT CHIP	0		
R2040	1-216-864-11	SHORT CHIP	0			SW1200	1-795-617-11	SAW FILTER			
R2041	1-216-864-11	SHORT CHIP	0			SW1201	1-767-083-11	FILTER, SURFACE WAVE			
R2042	1-216-864-11	SHORT CHIP	0			< TUNER >					
R2043	1-216-864-11	SHORT CHIP	0			TU1300	8-597-590-00	TUNER, FSS BTP-HC401Z			
R2048	1-216-864-11	SHORT CHIP	0			< CRYSTAL >					
R2049	1-216-864-11	SHORT CHIP	0			X1200	1-767-704-11	VIBRATOR, CRYSTAL			
R2050	1-216-864-11	SHORT CHIP	0			A2 Board, Variant Parts KDL-15G2000					
R2051	1-216-864-11	SHORT CHIP	0			< CAPACITOR >					
R2052	1-216-864-11	SHORT CHIP	0			C2053	1-165-908-11	CERAMIC CHIP 1UF	10%	10V	
R2053	1-216-864-11	SHORT CHIP	0			C2054	1-165-908-11	CERAMIC CHIP 1UF	10%	10V	
R2054	1-216-864-11	SHORT CHIP	0			C2057	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V	
R2055	1-216-864-11	SHORT CHIP	0			C2058	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V	
R2056	1-216-864-11	SHORT CHIP	0			C2065	NOT FITTED				
R2061	1-216-864-11	SHORT CHIP	0			C2066	NOT FITTED				
R2062	1-216-864-11	SHORT CHIP	0			C2067	NOT FITTED				
R2063	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2068	NOT FITTED				
R2064	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2069	NOT FITTED				
R2065	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2070	NOT FITTED				
R2066	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2071	NOT FITTED				
R2067	1-216-025-11	RES-CHIP	100	5%	1/10W	C2072	NOT FITTED				
R2068	1-216-033-00	RES-CHIP	220	5%	1/10W	C2086	NOT FITTED				
R2069	1-216-025-11	RES-CHIP	100	5%	1/10W	C2087	NOT FITTED				
R2070	1-216-025-11	RES-CHIP	100	5%	1/10W	< CONNECTOR >					
R2071	1-216-025-11	RES-CHIP	100	5%	1/10W	CN2023	NOT FITTED				
R2072	1-216-022-00	RES-CHIP	75	5%	1/10W	< DIODE >					
R2073	1-216-025-11	RES-CHIP	100	5%	1/10W	D2041	8-719-069-60	DIODE UDZSTE-179.1B			
R2112	1-216-809-11	METAL CHIP	100	5%	1/10W	D2042	8-719-069-60	DIODE UDZSTE-179.1B			
R2113	1-216-809-11	METAL CHIP	100	5%	1/10W	D2045	NOT FITTED				
R2114	1-216-809-11	METAL CHIP	100	5%	1/10W	D2046	NOT FITTED				
R2115	1-216-853-11	METAL CHIP	470K	5%	1/10W	D2047	NOT FITTED				
R2116	1-216-853-11	METAL CHIP	470K	5%	1/10W	D2048	NOT FITTED				
R2117	1-216-864-11	SHORT CHIP	0			D2049	NOT FITTED				
R2118	1-216-864-11	SHORT CHIP	0			D2050	NOT FITTED				
R2119	1-216-029-00	RES-CHIP	150	5%	1/10W						
R2120	1-216-029-00	RES-CHIP	150	5%	1/10W						
R2121	1-216-029-00	RES-CHIP	150	5%	1/10W						
R2123	1-216-049-11	RES-CHIP	1K	5%	1/10W						
R2124	1-216-029-00	RES-CHIP	150	5%	1/10W						
R2125	1-216-029-00	RES-CHIP	150	5%	1/10W						
R2126	1-216-029-00	RES-CHIP	150	5%	1/10W						

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
D2052	NOT FITTED					R2103	NOT FITTED				
D2061	NOT FITTED					R2104	NOT FITTED				
D2062	NOT FITTED					R2105	NOT FITTED				
D2063	NOT FITTED					R2106	NOT FITTED				
D2064	NOT FITTED					R2107	NOT FITTED				
D2068	NOT FITTED					R2108	NOT FITTED				
	< SOCKET >					R2109	NOT FITTED				
J2023	1-820-021-11	JACK				R2110	NOT FITTED				
	< TRANSISTOR >					R2111	NOT FITTED				
Q2002	NOT FITTED					R2122	NOT FITTED				
Q2003	NOT FITTED					R2139	NOT FITTED				
	< RESISTOR >					R2140	NOT FITTED				
R2001	1-216-809-11	METAL CHIP	100	5%	1/10W	R2141	NOT FITTED				
R2002	NOT FITTED					R2142	NOT FITTED				
R2010	1-216-809-11	METAL CHIP	100	5%	1/10W	R2143	NOT FITTED				
R2012	NOT FITTED					A2 Board, Variant Parts KDL-20G2000					
R2044	NOT FITTED						< CAPACITOR >				
R2045	NOT FITTED					C2053	NOT FITTED				
R2046	NOT FITTED					C2054	NOT FITTED				
R2047	NOT FITTED					C2057	NOT FITTED				
R2057	NOT FITTED					C2058	NOT FITTED				
R2058	NOT FITTED					C2065	1-164-227-11	CERAMIC CHIP 0.022UF	10.00%	25V	
R2059	NOT FITTED					C2066	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V	
R2060	NOT FITTED					C2067	1-164-227-11	CERAMIC CHIP 0.022UF	10.00%	25V	
R2076	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00%	50V	
R2077	1-216-853-11	METAL CHIP	470K	5%	1/10W	C2069	1-165-908-11	CERAMIC CHIP 1UF	10%	10V	
R2080	1-216-864-11	SHORT CHIP	0			C2070	1-165-908-11	CERAMIC CHIP 1UF	10%	10V	
R2081	1-216-864-11	SHORT CHIP	0			C2071	1-126-396-11	ELECT CHIP 47UF	20.00%	16V	
R2082	NOT FITTED					C2072	1-126-396-11	ELECT CHIP 47UF	20.00%	16V	
R2085	1-216-049-11	RES-CHIP	1K	5%	1/10W	C2086	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2086	1-216-049-11	RES-CHIP	1K	5%	1/10W	C2087	1-117-370-11	CERAMIC CHIP 10UF		10V	
R2087	NOT FITTED						< CONNECTOR >				
R2088	NOT FITTED					CN2023	*1-417-602-11	SOCKET 21PIN			
R2089	NOT FITTED						< DIODE >				
R2090	NOT FITTED					D2041	NOT FITTED				
R2091	NOT FITTED					D2042	NOT FITTED				
R2092	NOT FITTED					D2045	8-719-083-63	DIODE UDZSTE-1713B			
R2093	NOT FITTED					D2046	8-719-069-60	DIODE UDZSTE-179.1B			
R2094	NOT FITTED					D2047	8-719-069-60	DIODE UDZSTE-179.1B			
R2095	NOT FITTED					D2048	8-719-069-60	DIODE UDZSTE-179.1B			
R2097	NOT FITTED					D2049	8-719-069-55	DIODE UDZSTE-175.6B			
R2098	NOT FITTED					D2050	8-719-069-60	DIODE UDZSTE-179.1B			
R2099	NOT FITTED					D2052	8-719-083-63	DIODE UDZSTE-1713B			
R2100	NOT FITTED					D2061	8-719-069-60	DIODE UDZSTE-179.1B			
R2101	NOT FITTED					D2062	8-719-069-60	DIODE UDZSTE-179.1B			
R2102	NOT FITTED					D2063	8-719-069-60	DIODE UDZSTE-179.1B			

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
D2064	8-719-069-60	DIODE UDZSTE-179.1B				R2107	1-216-025-11	RES-CHIP	100	5%	1/10W
D2068	8-719-069-60	DIODE UDZSTE-179.1B				R2108	1-216-025-11	RES-CHIP	100	5%	1/10W
	< SOCKET >					R2109	1-216-025-11	RES-CHIP	100	5%	1/10W
J2023	NOT FITTED					R2110	1-216-022-00	RES-CHIP	75	5%	1/10W
	< TRANSISTOR >					R2111	1-216-025-11	RES-CHIP	100	5%	1/10W
Q2002	8-729-010-05	TRANSISTOR MSB709-RT1				R2122	1-216-025-11	RES-CHIP	100	5%	1/10W
Q2003	8-729-120-28	TRANSISTOR 2SC1623-L5L6				R2139	1-216-811-11	METAL CHIP	150	5%	1/10W
	< RESISTOR >					R2140	1-216-817-11	METAL CHIP	470	5%	1/10W
R2001	NOT FITTED					R2141	1-216-811-11	METAL CHIP	150	5%	1/10W
R2002	1-216-809-11	METAL CHIP	100	5%	1/10W	R2142	1-216-840-11	METAL CHIP	39K	5%	1/10W
R2010	NOT FITTED										
R2012	1-216-809-11	METAL CHIP	100	5%	1/10W						
R2044	1-216-864-11	SHORT CHIP	0			R2143	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2045	1-216-864-11	SHORT CHIP	0			*A-1204-505-A BDT Board, Complete KDL-20G2000 only					
R2046	1-216-864-11	SHORT CHIP	0								
R2047	1-216-864-11	SHORT CHIP	0			< CAPACITOR >					
R2057	1-216-864-11	SHORT CHIP	0			C3001	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V	
R2058	1-216-864-11	SHORT CHIP	0			C3002	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V	
R2059	1-216-864-11	SHORT CHIP	0			C3003	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V	
R2060	1-216-864-11	SHORT CHIP	0			C3004	1-164-156-11	CERAMIC CHIP 0.1UF		25V	
R2076	NOT FITTED					C3005	1-125-891-11	CERAMIC CHIP 0.47UF	10.00%	10V	
R2077	NOT FITTED										
R2080	NOT FITTED					C3007	1-164-156-11	CERAMIC CHIP 0.1UF		25V	
R2081	NOT FITTED					C3008	1-126-205-11	ELECT CHIP 47UF	20.00%	6.3V	
R2082	1-216-295-91	SHORT CHIP	0			C3009	1-164-156-11	CERAMIC CHIP 0.1UF		25V	
R2085	NOT FITTED					C3010	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2086	NOT FITTED					C3011	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2087	1-216-022-00	RES-CHIP	75	5%	1/10W						
R2088	1-216-022-00	RES-CHIP	75	5%	1/10W	C3012	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2089	1-216-022-00	RES-CHIP	75	5%	1/10W	C3013	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2090	1-216-022-00	RES-CHIP	75	5%	1/10W	C3014	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2091	1-216-022-00	RES-CHIP	75	5%	1/10W	C3015	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2092	1-216-815-11	METAL CHIP	330	5%	1/10W	C3016	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2093	1-216-049-11	RES-CHIP	1K	5%	1/10W						
R2094	1-216-815-11	METAL CHIP	330	5%	1/10W	C3017	1-126-205-11	ELECT CHIP 47UF	20.00%	6.3V	
R2095	1-216-049-11	RES-CHIP	1K	5%	1/10W	C3018	1-164-156-11	CERAMIC CHIP 0.1UF		25V	
R2097	1-216-864-11	SHORT CHIP	0			C3019	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2098	1-216-864-11	SHORT CHIP	0			C3020	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2099	1-216-864-11	SHORT CHIP	0			C3021	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2100	1-216-864-11	SHORT CHIP	0								
R2101	1-216-853-11	METAL CHIP	470K	5%	1/10W	C3025	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2102	1-216-853-11	METAL CHIP	470K	5%	1/10W	C3026	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2103	1-216-853-11	METAL CHIP	470K	5%	1/10W	C3027	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2104	1-216-853-11	METAL CHIP	470K	5%	1/10W	C3028	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2105	1-216-025-11	RES-CHIP	100	5%	1/10W	C3029	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
R2106	1-216-033-00	RES-CHIP	220	5%	1/10W						
						C3030	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3031	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3032	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3033	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3035	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3040	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3041	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V	
						C3042	1-107-826-11	CERAMIC CHIP 0.1UF	10.00%	16V	
						C3043	1-126-394-11	ELECT CHIP 10UF	20.00%	16V	
						C3044	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3045	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5042	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3048	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5043	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3049	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5044	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3050	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5045	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3052	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5046	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3053	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5047	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3054	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C5048	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5049	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3056	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C5050	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3058	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5051	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3059	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5052	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3060	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5054	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3063	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3065	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C5056	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5057	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3069	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5058	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3070	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5059	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3071	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5060	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3072	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5061	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3073	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5062	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3074	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5063	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3075	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V	C5064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3076	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V	C5065	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3078	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5066	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3080	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5067	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3081	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V	C5068	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3082	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5069	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3085	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C5070	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3086	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V	C5071	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3089	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5072	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3090	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5073	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3092	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C5630	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C3093	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C5631	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C3094	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5632	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3095	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5633	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3096	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5634	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3097	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5635	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3114	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5636	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3116	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C5637	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3131	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5638	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3200	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5641	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C3201	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5642	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C3300	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C5646	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C3301	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V	C5650	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3302	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5651	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3303	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C5652	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3350	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	C5653	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3353	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C5654	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5040	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5655	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5041	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5656	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C5660	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C5764	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5661	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C5765	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5662	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C5766	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5663	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C5767	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5664	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5780	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5665	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5781	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5666	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V	C5782	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5667	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5783	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5668	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5785	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5669	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5786	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C5670	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C5787	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5671	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5789	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C5672	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5790	1-104-905-11	DOUBLE LAYER 0.22F	5.5V
C5673	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5791	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C5674	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C5792	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5675	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V	C5793	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5680	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5794	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5682	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	C5795	1-165-822-91	CERAMIC CHIP 1UF	25V
C5683	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5796	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5684	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5797	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5685	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5798	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5686	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5799	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5689	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5800	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5690	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5691	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5803	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5692	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5804	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5693	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5805	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C5695	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5806	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5696	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5807	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5697	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5698	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5699	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5810	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C5700	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5811	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5701	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5812	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5702	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5813	1-135-366-11	ELECT CHIP 100UF	20% 16V
C5703	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5814	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5750	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5815	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5751	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5752	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5844	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5753	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6500	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5754	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6501	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5755	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5756	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6503	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5757	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6504	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5758	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6505	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5759	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6506	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5760	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6507	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5761	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6508	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5762	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6509	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5763	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6510	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C6511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	< CONNECTOR >			
C6512	1-162-974-11	CERAMIC CHIP 0.01UF	50V	CN3000	*1-819-335-11	HEADER ASSEMBLY FOR PWB, 9P	
C6513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN3002	*1-779-884-11	CONNECTOR 4P	
C6515	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN3003	*1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
C6516	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	CN3004	*1-819-333-11	CONNECTOR 5P	
C6517	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	CN3005	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
C6518	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	CN3006	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
C6519	1-162-974-11	CERAMIC CHIP 0.01UF	50V	CN3007	*1-784-254-11	CONNECTOR 10P	
C6520	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN3008	*1-779-936-51	CONNECTOR, FFC/FPC 18P	
C6522	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN3009	*1-778-652-31	CONNECTOR, FFC (ZIF) 50P	
C6523	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	CN5750	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)	
C6524	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	CN5883	*1-820-209-11	MEMORY STICK CONNECTOR	
C6525	1-165-671-21	ELECT CHIP 470UF	20% 6.3V	CN6500	*1-819-441-11	PWB HEADER, 13P	
C6526	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	CN6501	*1-819-474-11	HEADER ASSEMBLY FOR PWB 6P	
C6528	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	< DIODE >			
C6529	1-165-671-21	ELECT CHIP 470UF	20% 6.3V	D3004	8-719-050-38	DIODE M1MA152WK-T1	
C6530	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	D3005	8-719-036-94	DIODE RD5.6SB-T1	
C6532	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V	D3010	8-719-081-97	DIODE MMDL914T1	
C6535	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	D3011	8-719-081-97	DIODE MMDL914T1	
C6536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D3012	8-719-081-97	DIODE MMDL914T1	
C6538	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	D3015	8-719-081-97	DIODE MMDL914T1	
C6539	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	D3016	8-719-069-60	DIODE UDZSTE-179.1B	
C6543	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D5780	8-719-041-97	DIODE MA113-(TX)	
C6545	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6301	8-719-081-97	DIODE MMDL914T1	
C6546	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6500	8-719-081-67	DIODE M1FM3	
C6547	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6501	8-719-081-67	DIODE M1FM3	
C6548	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D6502	6-500-696-01	DIODE UDZSTE-173.0B	
C6549	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D6504	8-719-081-97	DIODE MMDL914T1	
C6551	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	D6505	8-719-081-97	DIODE MMDL914T1	
C6553	1-117-370-11	CERAMIC CHIP 10UF	10V	D6506	6-501-336-01	DIODE RSX201L-30TE25	
C6554	1-117-370-11	CERAMIC CHIP 10UF	10V	D6507	8-719-080-41	DIODE RB063L-30TE25	
C6555	1-117-370-11	CERAMIC CHIP 10UF	10V	D6508	8-719-081-97	DIODE MMDL914T1	
C6556	1-117-370-11	CERAMIC CHIP 10UF	10V	D6509	6-500-294-01	DIODE PTZ-TE25-3.9B	
C6557	1-117-370-11	CERAMIC CHIP 10UF	10V	D6510	6-500-253-01	DIODE RB053L-30TE25	
C6558	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	D6512	6-500-253-01	DIODE RB053L-30TE25	
C6559	1-117-370-11	CERAMIC CHIP 10UF	10V	D6513	6-500-294-01	DIODE PTZ-TE25-3.9B	
C6560	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6514	6-500-295-01	DIODE PTZ-TE25-5.6B	
C6561	1-117-370-11	CERAMIC CHIP 10UF	10V	D6515	8-719-083-63	DIODE UDZSTE-1713B	
C6562	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6516	8-719-081-99	DIODE MM3Z13VT1	
C6563	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6517	8-719-081-99	DIODE MM3Z13VT1	
C6564	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	D6518	8-719-066-10	DIODE 1PS181-115	
C6565	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6519	8-719-081-97	DIODE MMDL914T1	
C6566	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6520	8-719-066-10	DIODE 1PS181-115	
C6567	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	< FERRITE BEAD >			
C6572	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	FB3012	1-414-445-11	FERRITE 0UH	
C6579	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	FB3013	1-414-445-11	FERRITE 0UH	
C6581	1-109-982-11	CERAMIC CHIP 1UF	10.00% 10V	FB3014	1-414-445-11	FERRITE 0UH	
C6582	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V				
C8922	1-164-156-11	CERAMIC CHIP 0.1UF	25V				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
FB3016	1-414-760-21	FERRITE	OUI	FB6501	1-469-324-21	FERRITE	OUI
FB3046	1-414-445-11	FERRITE	OUI	FB6502	1-469-775-21	FERRITE	OUI
FB3099	1-414-760-21	FERRITE	OUI				
FB3241	1-414-760-21	FERRITE	OUI		< IC >		
FB3242	1-414-760-21	FERRITE	OUI				
				IC3001	6-706-419-01	IC LM393DT (A)	
FB3243	1-414-760-21	FERRITE	OUI	IC3002	6-701-173-01	IC MC74LVXT4053DTR2	
FB3244	1-414-760-21	FERRITE	OUI	IC3003	8-759-701-01	IC NJM2904M	
FB3245	1-414-760-21	FERRITE	OUI	IC3004	6-704-573-01	IC M24C32-WMN6T (B)	
FB5040	1-400-244-11	FERRITE	OUI	IC3005	6-703-175-01	IC PST3629UL	
FB5041	1-400-244-11	FERRITE	OUI				
				IC3006	6-806-996-01	IC VCT6773FA	
FB5612	1-400-833-21	FERRITE	OUI	IC3008	8-752-072-94	IC CXA1875AM-T4	
FB5613	1-400-833-21	FERRITE	OUI	IC5040	8-753-264-52	IC CXD1968R-T6	
FB5614	1-400-833-21	FERRITE	OUI	IC5630	6-709-214-01	IC UPD61123F1-100-KA3-A	
FB5615	1-400-833-21	FERRITE	OUI	IC5680	6-705-336-01	IC K9F2808U0C-PCB0T	
FB5616	1-400-833-21	FERRITE	OUI				
				IC5681	6-707-809-01	IC EDD1216AATA-6B-E	
FB5617	1-400-833-21	FERRITE	OUI	IC5682	6-708-916-01	IC ICS7150MLFT	
FB5618	1-400-807-21	FERRITE	OUI	IC5750	8-759-644-48	IC 74LVC541APW	
FB5619	1-400-807-21	FERRITE	OUI	IC5751	8-759-644-48	IC 74LVC541APW	
FB5620	1-400-807-21	FERRITE	OUI	IC5752	6-706-482-01	IC TC7SH00FU (T5RSOYJF)	
FB5621	1-400-807-21	FERRITE	OUI				
				IC5753	8-759-644-48	IC 74LVC541APW	
FB5622	1-400-833-21	FERRITE	OUI	IC5754	6-708-132-01	IC 74LVC14APW	
FB5623	1-400-833-21	FERRITE	OUI	IC5755	8-759-644-48	IC 74LVC541APW	
FB5624	1-400-833-21	FERRITE	OUI	IC5756	8-759-644-48	IC 74LVC541APW	
FB5630	1-469-869-21	FERRITE	OUI	IC5757	8-759-644-48	IC 74LVC541APW	
FB5634	1-400-244-11	FERRITE	OUI				
				IC5758	6-707-853-01	IC TC74LCX541FT (EKJ)	
FB5635	1-400-244-11	FERRITE	OUI	IC5759	8-759-298-91	IC 74LVT245PW-T	
FB5636	1-469-869-21	FERRITE	OUI	IC5780	6-700-108-01	IC RV5C387A-E2-FB	
FB5637	1-469-869-21	FERRITE	OUI	IC5781	6-703-271-01	IC TAR5S50 (TE85R)	
FB5640	1-400-834-11	FERRITE	OUI	IC5782	6-707-808-01	IC WM8727GED/RV	
FB5646	1-400-834-11	FERRITE	OUI				
				IC5783	8-759-701-40	IC NJM3404AM-T1	
FB5647	1-469-869-21	FERRITE	OUI	IC5784	6-706-106-01	IC NCP1117STAT3	
FB5680	1-400-244-11	FERRITE	OUI	IC5785	6-708-603-01	IC PQ070XNA1ZPH	
FB5681	1-400-244-11	FERRITE	OUI	IC5786	6-705-790-01	IC LM3525MX-H/J5000395	
FB5750	1-469-869-21	FERRITE	OUI	IC6500	6-702-142-01	IC PQ1CY1032ZP	
FB5751	1-469-869-21	FERRITE	OUI				
				IC6501	6-702-142-01	IC PQ1CY1032ZP	
FB5780	1-400-244-11	FERRITE	OUI	IC6502	6-706-046-01	IC TK11185CCL-G	
FB5781	1-400-244-11	FERRITE	OUI	IC6503	6-702-142-01	IC PQ1CY1032ZP	
FB5782	1-400-244-11	FERRITE	OUI	IC6505	6-709-932-01	IC MM3141CNRE	
FB5907	1-400-834-11	FERRITE	OUI				
FB5908	1-400-834-11	FERRITE	OUI		< COIL >		
				L3005	1-400-180-21	FERRITE	OUI
FB5909	1-400-834-11	FERRITE	OUI	L3350	1-412-990-41	INDUCTOR	8.2UH
FB5910	1-400-834-11	FERRITE	OUI	L5040	1-469-842-21	INDUCTOR	0.47UH
FB5911	1-400-834-11	FERRITE	OUI	L5041	1-412-058-11	INDUCTOR	10UH
FB5912	1-400-834-11	FERRITE	OUI	L5042	1-412-058-11	INDUCTOR	10UH
FB5913	1-400-834-11	FERRITE	OUI				
				L5043	1-412-058-11	INDUCTOR	10UH
FB5914	1-400-834-11	FERRITE	OUI	L5044	1-412-058-11	INDUCTOR	10UH
FB5915	1-400-834-11	FERRITE	OUI	L5045	1-412-058-11	INDUCTOR	10UH
FB5916	1-400-244-11	FERRITE	OUI	L5046	1-412-058-11	INDUCTOR	10UH
FB5917	1-400-244-11	FERRITE	OUI	L5630	1-414-398-11	INDUCTOR	10UH
FB6500	1-469-324-21	FERRITE	OUI				

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

BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
L6500	1-416-511-11	INDUCTOR	47UH	Q3300	8-729-010-05	TRANSISTOR MSB709-RT1	
L6501	1-416-511-11	INDUCTOR	47UH	Q3301	8-729-421-19	TRANSISTOR UN2213	
L6503	1-414-398-11	INDUCTOR	10UH	Q3350	8-729-010-05	TRANSISTOR MSB709-RT1	
L6504	1-424-976-21	INDUCTOR	47UH	Q3351	8-729-010-29	TRANSISTOR MSD601-RST1	
L6506	1-424-976-21	INDUCTOR	47UH	Q5780	8-729-010-05	TRANSISTOR MSB709-RT1	
L6508	1-424-922-21	INDUCTOR	10UH	Q5920	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
L6510	1-416-948-21	INDUCTOR	10UH	Q5921	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
L6511	1-424-922-21	INDUCTOR	10UH	Q5922	8-729-028-86	TRANSISTOR DTA143EUA-T106	
L6512	1-416-511-11	INDUCTOR	47UH	Q5923	8-729-907-00	TRANSISTOR DTC114EU	
L6514	1-412-026-11	INDUCTOR	1UH	Q6500	8-729-421-22	TRANSISTOR UN2211	
L6515	1-412-026-11	INDUCTOR	1UH	Q6501	8-729-421-22	TRANSISTOR UN2211	
L6516	1-412-026-11	INDUCTOR	1UH	Q6502	8-729-421-22	TRANSISTOR UN2211	
L6517	1-414-394-11	INDUCTOR	2.2UH	Q6503	8-729-010-25	TRANSISTOR MSD601-RT1	
L6518	1-412-026-11	INDUCTOR	1UH	Q6504	8-729-421-22	TRANSISTOR UN2211	
L6519	1-412-026-11	INDUCTOR	1UH	Q6505	8-729-010-25	TRANSISTOR MSD601-RT1	
L6520	1-412-026-11	INDUCTOR	1UH	Q6506	8-729-010-25	TRANSISTOR MSD601-RT1	
L6521	1-412-026-11	INDUCTOR	1UH	Q6507	8-729-010-25	TRANSISTOR MSD601-RT1	
L6522	1-412-026-11	INDUCTOR	1UH	Q6509	8-729-046-04	TRANSISTOR FDS6690A	
L6523	1-412-026-11	INDUCTOR	1UH	Q6510	8-729-421-22	TRANSISTOR UN2211	
L6524	1-412-026-11	INDUCTOR	1UH	Q6511	8-729-421-22	TRANSISTOR UN2211	
L6525	1-412-026-11	INDUCTOR	1UH	Q6512	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
L6526	1-414-394-11	INDUCTOR	2.2UH	Q6513	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
L6527	1-414-394-11	INDUCTOR	2.2UH	Q6514	8-729-010-05	TRANSISTOR MSB709-RT1	
L6528	1-412-026-11	INDUCTOR	1UH	Q6515	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
L6529	1-424-976-21	INDUCTOR	47UH	Q6555	8-729-010-25	TRANSISTOR MSD601-RT1	
L6530	1-424-976-21	INDUCTOR	47UH	< RESISTOR >			
< PROTECTOR MODULE >				JR5600	1-216-295-91	SHORT CHIP	0
PS6500 Δ	1-576-736-41	IC LINK	3.15A 24V	JR5601	1-218-990-81	SHORT CHIP	0
PS6501 Δ	1-576-736-41	IC LINK	3.15A 24V	JR5602	1-218-990-81	SHORT CHIP	0
PS6502 Δ	1-576-736-41	IC LINK	3.15A 24V	R3001	1-216-833-11	METAL CHIP	10K 5% 1/10W
< TRANSISTOR >				R3002	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q3000	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R3006	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q3001	8-729-421-22	TRANSISTOR UN2211		R3007	1-216-805-11	METAL CHIP	47 5% 1/10W
Q3002	8-729-927-99	TRANSISTOR 2SC4617R		R3009	1-216-805-11	METAL CHIP	47 5% 1/10W
Q3004	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R3010	1-216-805-11	METAL CHIP	47 5% 1/10W
Q3006	8-729-905-35	TRANSISTOR 2SC4081-R		R3011	1-216-805-11	METAL CHIP	47 5% 1/10W
Q3007	6-550-549-01	TRANSISTOR DTC114EUAFT106		R3015	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q3008	8-729-045-62	TRANSISTOR 2SK2158-T2B		R3016	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q3009	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R3019	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q3010	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R3020	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q3011	8-729-045-62	TRANSISTOR 2SK2158-T2B		R3021	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3012	8-729-422-29	TRANSISTOR 2SD601A-S		R3022	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3013	8-729-422-29	TRANSISTOR 2SD601A-S		R3023	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3014	8-729-422-29	TRANSISTOR 2SD601A-S		R3024	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3015	8-729-422-29	TRANSISTOR 2SD601A-S		R3026	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3016	8-729-421-19	TRANSISTOR UN2213		R3027	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3017	8-729-050-10	TRANSISTOR PMBF170-215		R3028	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3020	8-729-905-35	TRANSISTOR 2SC4081-R		R3029	1-216-841-11	METAL CHIP	47K 5% 1/10W
				R3030	1-216-833-11	METAL CHIP	10K 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3032	1-216-849-11	METAL CHIP	220K	5%	1/10W	R3096	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3034	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R3097	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3035	1-216-864-11	SHORT CHIP	0			R3098	1-216-864-11	SHORT CHIP	0		
R3036	1-216-864-11	SHORT CHIP	0			R3100	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3037	1-216-864-11	SHORT CHIP	0			R3101	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3038	1-216-864-11	SHORT CHIP	0			R3103	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3039	1-216-864-11	SHORT CHIP	0			R3104	1-216-864-11	SHORT CHIP	0		
R3040	1-218-891-11	METAL CHIP	68K	0.5%	1/10W	R3105	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3042	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3107	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3043	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3109	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3044	1-216-817-11	METAL CHIP	470	5%	1/10W	R3111	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3045	1-216-864-11	SHORT CHIP	0			R3113	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3046	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3114	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3048	1-216-864-11	SHORT CHIP	0			R3115	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3049	1-216-864-11	SHORT CHIP	0			R3116	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3050	1-216-864-11	SHORT CHIP	0			R3117	1-216-864-11	SHORT CHIP	0		
R3051	1-216-864-11	SHORT CHIP	0			R3119	1-216-864-11	SHORT CHIP	0		
R3052	1-216-864-11	SHORT CHIP	0			R3121	1-216-864-11	SHORT CHIP	0		
R3053	1-216-864-11	SHORT CHIP	0			R3124	1-216-864-11	SHORT CHIP	0		
R3054	1-216-864-11	SHORT CHIP	0			R3140	1-216-809-11	METAL CHIP	100	5%	1/10W
R3057	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3142	1-216-809-11	METAL CHIP	100	5%	1/10W
R3058	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3146	1-216-864-11	SHORT CHIP	0		
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3147	1-216-864-11	SHORT CHIP	0		
R3061	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R3150	1-216-809-11	METAL CHIP	100	5%	1/10W
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W	R3156	1-216-817-11	METAL CHIP	470	5%	1/10W
R3064	1-216-809-11	METAL CHIP	100	5%	1/10W	R3159	1-216-817-11	METAL CHIP	470	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W	R3160	1-216-864-11	SHORT CHIP	0		
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W	R3161	1-216-864-11	SHORT CHIP	0		
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W	R3163	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W	R3167	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W	R3175	1-216-864-11	SHORT CHIP	0		
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W	R3177	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W	R3178	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W	R3180	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3181	1-216-809-11	METAL CHIP	100	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W	R3182	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-864-11	SHORT CHIP	0			R3183	1-216-809-11	METAL CHIP	100	5%	1/10W
R3080	1-216-864-11	SHORT CHIP	0			R3184	1-216-809-11	METAL CHIP	100	5%	1/10W
R3081	1-216-864-11	SHORT CHIP	0			R3185	1-216-809-11	METAL CHIP	100	5%	1/10W
R3084	1-216-864-11	SHORT CHIP	0			R3186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3085	1-216-864-11	SHORT CHIP	0			R3187	1-216-809-11	METAL CHIP	100	5%	1/10W
R3087	1-216-864-11	SHORT CHIP	0			R3188	1-216-864-11	SHORT CHIP	0		
R3088	1-216-864-11	SHORT CHIP	0			R3190	1-216-864-11	SHORT CHIP	0		
R3089	1-216-809-11	METAL CHIP	100	5%	1/10W	R3191	1-216-864-11	SHORT CHIP	0		
R3090	1-216-809-11	METAL CHIP	100	5%	1/10W	R3192	1-216-864-11	SHORT CHIP	0		
R3091	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3193	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3092	1-216-864-11	SHORT CHIP	0			R3195	1-216-864-11	SHORT CHIP	0		
R3093	1-216-864-11	SHORT CHIP	0			R3198	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3094	1-216-864-11	SHORT CHIP	0			R3201	1-216-864-11	SHORT CHIP	0		
R3095	1-216-864-11	SHORT CHIP	0			R3202	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3203	1-216-864-11	SHORT CHIP	0			R3277	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0			R3278	1-216-864-11	SHORT CHIP	0		
R3209	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3279	1-216-864-11	SHORT CHIP	0		
R3212	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3280	1-216-864-11	SHORT CHIP	0		
R3213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3281	1-216-864-11	SHORT CHIP	0		
R3215	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R3282	1-216-864-11	SHORT CHIP	0		
R3216	1-216-864-11	SHORT CHIP	0			R3283	1-216-864-11	SHORT CHIP	0		
R3219	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3284	1-216-864-11	SHORT CHIP	0		
R3220	1-216-864-11	SHORT CHIP	0			R3285	1-216-864-11	SHORT CHIP	0		
R3221	1-216-864-11	SHORT CHIP	0			R3286	1-216-864-11	SHORT CHIP	0		
R3222	1-216-809-11	METAL CHIP	100	5%	1/10W	R3287	1-216-864-11	SHORT CHIP	0		
R3224	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R3288	1-216-864-11	SHORT CHIP	0		
R3225	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3289	1-216-864-11	SHORT CHIP	0		
R3229	1-216-864-11	SHORT CHIP	0			R3290	1-216-864-11	SHORT CHIP	0		
R3230	1-216-864-11	SHORT CHIP	0			R3291	1-216-864-11	SHORT CHIP	0		
R3231	1-216-864-11	SHORT CHIP	0			R3292	1-216-864-11	SHORT CHIP	0		
R3232	1-216-864-11	SHORT CHIP	0			R3293	1-216-809-11	METAL CHIP	100	5%	1/10W
R3233	1-216-864-11	SHORT CHIP	0			R3295	1-216-864-11	SHORT CHIP	0		
R3236	1-216-864-11	SHORT CHIP	0			R3296	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3237	1-216-864-11	SHORT CHIP	0			R3297	1-216-809-11	METAL CHIP	100	5%	1/10W
R3240	1-216-817-11	METAL CHIP	470	5%	1/10W	R3298	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3246	1-216-864-11	SHORT CHIP	0			R3299	1-216-813-11	METAL CHIP	220	5%	1/10W
R3247	1-216-843-11	METAL CHIP	68K	5%	1/10W	R3300	1-216-817-11	METAL CHIP	470	5%	1/10W
R3248	1-216-851-11	METAL CHIP	330K	5%	1/10W	R3301	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3249	1-216-817-11	METAL CHIP	470	5%	1/10W	R3302	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3251	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3304	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3252	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0			R3310	1-216-809-11	METAL CHIP	100	5%	1/10W
R3255	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3311	1-216-809-11	METAL CHIP	100	5%	1/10W
R3256	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3320	1-216-864-11	SHORT CHIP	0		
R3257	1-218-990-81	SHORT CHIP	0			R3321	1-216-864-11	SHORT CHIP	0		
R3259	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3350	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3260	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3351	1-216-805-11	METAL CHIP	47	5%	1/10W
R3261	1-216-864-11	SHORT CHIP	0			R3352	1-216-864-11	SHORT CHIP	0		
R3262	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3263	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3356	1-216-864-11	SHORT CHIP	0		
R3264	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3370	1-216-864-11	SHORT CHIP	0		
R3265	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3371	1-216-864-11	SHORT CHIP	0		
R3266	1-216-817-11	METAL CHIP	470	5%	1/10W	R3372	1-216-864-11	SHORT CHIP	0		
R3267	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3373	1-216-864-11	SHORT CHIP	0		
R3268	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3387	1-216-864-11	SHORT CHIP	0		
R3269	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3388	1-216-864-11	SHORT CHIP	0		
R3270	1-216-864-11	SHORT CHIP	0			R3389	1-216-864-11	SHORT CHIP	0		
R3271	1-216-864-11	SHORT CHIP	0			R3392	1-216-809-11	METAL CHIP	100	5%	1/10W
R3272	1-216-864-11	SHORT CHIP	0			R3393	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3273	1-216-864-11	SHORT CHIP	0			R3394	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3274	1-216-864-11	SHORT CHIP	0			R3395	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3275	1-216-864-11	SHORT CHIP	0			R3396	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3276	1-216-864-11	SHORT CHIP	0			R3397	1-216-809-11	METAL CHIP	100	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R5040	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5666	1-220-174-11	RES-CHIP	200	5%	1/16W
R5041	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5667	1-220-174-11	RES-CHIP	200	5%	1/16W
R5043	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5668	1-220-174-11	RES-CHIP	200	5%	1/16W
R5044	1-218-941-81	RES-CHIP	100	5%	1/16W	R5669	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R5045	1-218-941-81	RES-CHIP	100	5%	1/16W	R5671	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R5046	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5673	1-218-990-81	SHORT CHIP	0		
R5049	1-218-989-11	RES-CHIP	1M	5%	1/16W	R5674	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R5050	1-218-941-81	RES-CHIP	100	5%	1/16W	R5676	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5051	1-218-941-81	RES-CHIP	100	5%	1/16W	R5678	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5053	1-218-937-11	RES-CHIP	47	5%	1/16W	R5681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5054	1-218-941-81	RES-CHIP	100	5%	1/16W	R5683	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5055	1-218-941-81	RES-CHIP	100	5%	1/16W	R5684	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5056	1-216-864-11	SHORT CHIP	0			R5686	1-218-949-11	RES-CHIP	470	5%	1/16W
R5057	1-218-941-81	RES-CHIP	100	5%	1/16W	R5687	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5058	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5689	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5060	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5691	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5061	1-218-941-81	RES-CHIP	100	5%	1/16W	R5693	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5062	1-218-941-81	RES-CHIP	100	5%	1/16W	R5695	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5063	1-218-941-81	RES-CHIP	100	5%	1/16W	R5697	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5699	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5625	1-218-990-81	SHORT CHIP	0			R5701	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5626	1-218-990-81	SHORT CHIP	0			R5703	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5629	1-218-990-81	SHORT CHIP	0			R5706	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5630	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5707	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5631	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5710	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5632	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5633	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5714	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5634	1-218-941-81	RES-CHIP	100	5%	1/16W	R5715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5635	1-218-941-81	RES-CHIP	100	5%	1/16W	R5717	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5636	1-218-941-81	RES-CHIP	100	5%	1/16W	R5720	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5637	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5638	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5639	1-218-941-81	RES-CHIP	100	5%	1/16W	R5726	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5640	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5727	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5641	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5729	1-218-939-11	RES-CHIP	68	5%	1/16W
R5644	1-218-941-81	RES-CHIP	100	5%	1/16W	R5730	1-218-941-11	RES-CHIP	100	5%	1/16W
R5645	1-218-941-81	RES-CHIP	100	5%	1/16W	R5731	1-218-941-11	RES-CHIP	100	5%	1/16W
R5646	1-218-941-81	RES-CHIP	100	5%	1/16W	R5732	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5647	1-218-941-81	RES-CHIP	100	5%	1/16W	R5733	1-218-937-11	RES-CHIP	47	5%	1/16W
R5649	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5734	1-218-939-11	RES-CHIP	68	5%	1/16W
R5652	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5735	1-218-941-81	RES-CHIP	100	5%	1/16W
R5653	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5736	1-218-941-81	RES-CHIP	100	5%	1/16W
R5654	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5737	1-218-941-81	RES-CHIP	100	5%	1/16W
R5655	1-218-937-11	RES-CHIP	47	5%	1/16W	R5738	1-218-941-81	RES-CHIP	100	5%	1/16W
R5656	1-218-937-11	RES-CHIP	47	5%	1/16W	R5739	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5657	1-218-937-11	RES-CHIP	47	5%	1/16W	R5740	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5661	1-218-937-11	RES-CHIP	47	5%	1/16W	R5744	1-218-949-11	RES-CHIP	470	5%	1/16W
R5663	1-220-174-11	RES-CHIP	200	5%	1/16W	R5745	1-218-949-11	RES-CHIP	470	5%	1/16W
R5664	1-220-174-11	RES-CHIP	200	5%	1/16W	R5750	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5665	1-220-174-11	RES-CHIP	200	5%	1/16W	R5751	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R5752	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5864	1-218-990-81	SHORT CHIP	0		
R5753	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5865	1-218-990-81	SHORT CHIP	0		
R5754	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5884	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5755	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5885	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5756	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5886	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5757	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5887	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5758	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5888	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5759	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5889	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5760	1-218-941-81	RES-CHIP	100	5%	1/16W	R5890	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5761	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5891	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5763	1-218-941-81	RES-CHIP	100	5%	1/16W	R5892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5764	1-218-941-81	RES-CHIP	100	5%	1/16W	R5893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5780	1-216-809-11	METAL CHIP	100	5%	1/10W	R5895	1-218-941-81	RES-CHIP	100	5%	1/16W
R5781	1-216-809-11	METAL CHIP	100	5%	1/10W	R5896	1-218-941-81	RES-CHIP	100	5%	1/16W
R5782	1-218-945-11	RES-CHIP	220	5%	1/16W	R5897	1-218-941-81	RES-CHIP	100	5%	1/16W
R5783	1-216-809-11	METAL CHIP	100	5%	1/10W	R5902	1-218-941-81	RES-CHIP	100	5%	1/16W
R5784	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5903	1-218-941-81	RES-CHIP	100	5%	1/16W
R5786	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R5904	1-218-941-81	RES-CHIP	100	5%	1/16W
R5789	1-216-813-11	METAL CHIP	220	5%	1/10W	R5905	1-218-941-81	RES-CHIP	100	5%	1/16W
R5791	1-218-990-81	SHORT CHIP	0			R5906	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5792	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5793	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5923	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5794	1-218-972-11	RES-CHIP	39K	5%	1/16W	R5925	1-216-864-11	SHORT CHIP	0		
R5795	1-218-972-11	RES-CHIP	39K	5%	1/16W	R5927	1-216-864-11	SHORT CHIP	0		
R5796	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5930	1-218-941-81	RES-CHIP	100	5%	1/16W
R5797	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5950	1-218-990-81	SHORT CHIP	0		
R5798	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5951	1-218-990-81	SHORT CHIP	0		
R5799	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5954	1-218-939-11	RES-CHIP	68	5%	1/16W
R5800	1-218-967-11	RES-CHIP	15K	5%	1/16W	R5955	1-218-939-11	RES-CHIP	68	5%	1/16W
R5801	1-218-967-11	RES-CHIP	15K	5%	1/16W	R5956	1-218-939-11	RES-CHIP	68	5%	1/16W
R5802	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5957	1-218-939-11	RES-CHIP	68	5%	1/16W
R5803	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5958	1-218-939-11	RES-CHIP	68	5%	1/16W
R5804	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5959	1-218-939-11	RES-CHIP	68	5%	1/16W
R5805	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5806	1-220-174-11	RES-CHIP	200	5%	1/16W	R6501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5807	1-218-941-81	RES-CHIP	100	5%	1/16W	R6502	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5808	1-218-941-81	RES-CHIP	100	5%	1/16W	R6508	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5809	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6511	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5810	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6512	1-216-864-11	SHORT CHIP	0		
R5811	1-218-935-11	RES-CHIP	33	5%	1/16W	R6513	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R5812	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6514	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R5813	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6515	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R5814	1-218-990-81	SHORT CHIP	0			R6516	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R5840	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6521	1-218-860-11	METAL CHIP	3.6K	0.5%	1/10W
R5843	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6522	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5845	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6523	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R5847	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6524	1-218-850-11	METAL CHIP	1.3K	0.5%	1/10W
R5861	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6526	1-216-864-11	SHORT CHIP	0		
R5862	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6528	1-216-864-11	SHORT CHIP	0		
R5863	1-218-990-81	SHORT CHIP	0			R6539	1-216-847-11	METAL CHIP	150K	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R6540	1-216-839-11	METAL CHIP	33K	5%	1/10W	X5040	1-813-547-11	QUARTZ CRYSTAL UNIT			
R6542	1-216-847-11	METAL CHIP	150K	5%	1/10W	X5680	1-813-055-11	QUARTZ CRYSTAL UNIT			
R6543	1-216-837-11	METAL CHIP	22K	5%	1/10W	X5780	1-781-696-31	VIBRATOR, CRYSTAL			
R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W	*A-1204-490-A DC Board, Complete KDL-15G2000 *A-1204-506-A DC Board, Complete KDL-20G2000					
R6548	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6549	1-216-833-11	METAL CHIP	10K	5%	1/10W	DC Board, Common parts					
R6550	1-216-864-11	SHORT CHIP	0								
R6551	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6552	1-216-864-11	SHORT CHIP	0								
R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W						
< CAPACITOR >											
R6570	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R6572	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6001	1-126-941-11	ELECT	470UF	20.00%	25V
R6573	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6002	1-126-941-11	ELECT	470UF	20.00%	25V
R6574	1-216-797-11	METAL CHIP	10	5%	1/10W	C6003	1-104-665-11	ELECT	100UF	20.00%	25V
R6575	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	C6004	1-126-942-61	ELECT	1000UF	20.00%	25V
						C6006	1-162-974-11	CERAMIC CHIP	0.01UF		50V
R6577	1-216-864-11	SHORT CHIP	0								
R6578	1-216-864-11	SHORT CHIP	0			C6007	1-126-941-11	ELECT	470UF	20.00%	25V
R6581	1-216-864-11	SHORT CHIP	0			C6008	1-126-941-11	ELECT	470UF	20.00%	25V
R6582	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6009	1-126-941-11	ELECT	470UF	20.00%	25V
R6596	1-216-837-11	METAL CHIP	22K	5%	1/10W	C6010	1-126-941-11	ELECT	470UF	20.00%	25V
						C6011	1-126-941-11	ELECT	470UF	20.00%	25V
R6700	1-216-809-11	METAL CHIP	100	5%	1/10W						
R9032	1-216-864-11	SHORT CHIP	0			C6012	1-126-941-11	ELECT	470UF	20.00%	25V
R9034	1-218-965-11	RES-CHIP	10K	5%	1/16W	C6013	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
< RESISTOR CHIP >						C6014	1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
						C6016	1-100-911-11	CERAMIC CHIP	4.7UF	10%	25V
						C6017	1-135-372-31	ELECT	470UF	20%	10V
RB3000	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6020	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
RB3001	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6021	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
RB3002	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6022	1-128-951-31	ELECT	2200UF	20%	16V
RB3003	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6023	1-126-935-11	ELECT	470UF	20.00%	16V
RB3004	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6025	1-126-941-11	ELECT	470UF	20.00%	25V
RB3005	1-233-576-11	RES, CHIP NETWORK	100	(3216)		C6026	1-126-947-11	ELECT	47UF	20.00%	35V
RB5040	1-234-371-21	RES, NETWORK	47	(1005X4)		C6027	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
RB5041	1-234-371-21	RES, NETWORK	47	(1005X4)		C6028	1-162-995-11	CERAMIC CHIP	0.022UF		50V
RB5680	1-234-702-11	RES, NETWORK	68	(1005X4)		C6029	1-126-963-11	ELECT	4.7UF	20.00%	50V
RB5681	1-234-702-11	RES, NETWORK	68	(1005X4)		C6030	1-126-967-11	ELECT	47UF	20.00%	50V
RB5682	1-234-372-11	RES, NETWORK	100	(1005X4)		C6031	1-127-861-11	CERAMIC CHIP	2.2UF	10%	16V
RB5683	1-234-372-11	RES, NETWORK	100	(1005X4)		C6032	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
RB5684	1-234-372-11	RES, NETWORK	100	(1005X4)		C6035	1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
RB5685	1-234-372-11	RES, NETWORK	100	(1005X4)		C6300	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V
RB5686	1-234-372-11	RES, NETWORK	100	(1005X4)		C6301	1-126-960-11	ELECT	1UF	20.00%	50V
RB5687	1-234-702-11	RES, NETWORK	68	(1005X4)		C6302	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V
RB5688	1-234-702-11	RES, NETWORK	68	(1005X4)		C6303	1-126-960-11	ELECT	1UF	20.00%	50V
< SWITCH >						C6304	1-104-666-11	ELECT	220UF	20.00%	25V
						C6306	1-164-489-11	CERAMIC CHIP	0.22UF	10.00%	16V
						C6307	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
S3000	1-572-921-11	SWITCH, KEY BOARD				C6308	1-126-952-11	ELECT	1000UF	20.00%	35V
S3001	1-572-921-11	SWITCH, KEY BOARD				C6309	1-126-952-11	ELECT	1000UF	20.00%	35V
< CRYSTAL >						C6310	1-164-227-11	CERAMIC CHIP	0.022UF	10.00%	25V
						C6311	1-164-227-11	CERAMIC CHIP	0.022UF	10.00%	25V
						X3000	1-813-531-11	OSCILLATOR, CRYSTAL UNIT			

***A-1204-490-A DC Board, Complete KDL-15G2000**
***A-1204-506-A DC Board, Complete KDL-20G2000**

DC Board, Common parts

2-409-877-21 WASHER (3X10), RS TITE SPRING

< CAPACITOR >

C6001	1-126-941-11	ELECT	470UF	20.00%	25V
C6002	1-126-941-11	ELECT	470UF	20.00%	25V
C6003	1-104-665-11	ELECT	100UF	20.00%	25V
C6004	1-126-942-61	ELECT	1000UF	20.00%	25V
C6006	1-162-974-11	CERAMIC CHIP	0.01UF		50V
C6007	1-126-941-11	ELECT	470UF	20.00%	25V
C6008	1-126-941-11	ELECT	470UF	20.00%	25V
C6009	1-126-941-11	ELECT	470UF	20.00%	25V
C6010	1-126-941-11	ELECT	470UF	20.00%	25V
C6011	1-126-941-11	ELECT	470UF	20.00%	25V
C6012	1-126-941-11	ELECT	470UF	20.00%	25V
C6013	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
C6014	1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6016	1-100-911-11	CERAMIC CHIP	4.7UF	10%	25V
C6017	1-135-372-31	ELECT	470UF	20%	10V
C6020	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
C6021	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
C6022	1-128-951-31	ELECT	2200UF	20%	16V
C6023	1-126-935-11	ELECT	470UF	20.00%	16V
C6025	1-126-941-11	ELECT	470UF	20.00%	25V
C6026	1-126-947-11	ELECT	47UF	20.00%	35V
C6027	1-100-566-91	CERAMIC CHIP	0.1UF	10.00%	25V
C6028	1-162-995-11	CERAMIC CHIP	0.022UF		50V
C6029	1-126-963-11	ELECT	4.7UF	20.00%	50V
C6030	1-126-967-11	ELECT	47UF	20.00%	50V
C6031	1-127-861-11	CERAMIC CHIP	2.2UF	10%	16V
C6032	1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6035	1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6300	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V
C6301	1-126-960-11	ELECT	1UF	20.00%	50V
C6302	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V
C6303	1-126-960-11	ELECT	1UF	20.00%	50V
C6304	1-104-666-11	ELECT	220UF	20.00%	25V
C6306	1-164-489-11	CERAMIC CHIP	0.22UF	10.00%	16V
C6307	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
C6308	1-126-952-11	ELECT	1000UF	20.00%	35V
C6309	1-126-952-11	ELECT	1000UF	20.00%	35V
C6310	1-164-227-11	CERAMIC CHIP	0.022UF	10.00%	25V
C6311	1-164-227-11	CERAMIC CHIP	0.022UF	10.00%	25V

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
C6312	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	< PROTECTOR MODULE >			
C6313	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	PS6001	Δ 1-576-736-41	IC LINK 3.15A 24V	
C6316	1-107-907-11	ELECT 22UF	20% 50V	PS6002	Δ 1-576-736-41	IC LINK 3.15A 24V	
< CONNECTOR >				PS6003	Δ 1-576-736-41	IC LINK 3.15A 24V	
CN6001	*1-564-507-11	PLUG, CONNECTOR 4P		< TRANSISTOR >			
CN6002	*1-816-977-51	PLUG, CONNECTOR 6P		Q6001	8-729-027-43	TRANSISTOR DTC114EKA-T146	
CN6003	*1-793-235-11	PIN, CONNECTOR (PC BOARD) 13P		Q6002	8-729-010-25	TRANSISTOR MSD601-RT1	
CN6300	*1-564-507-11	PLUG, CONNECTOR 4P		Q6004	8-729-010-05	TRANSISTOR MSB709-RT1	
< DIODE >				Q6005	6-550-549-01	TRANSISTOR DTC114EUAFT106	
D6000	8-719-049-38	DIODE 1N5404TU		Q6006	8-729-010-25	TRANSISTOR MSD601-RT1	
D6001	8-719-074-75	DIODE PTZ-TE25-30B		Q6302	8-729-010-29	TRANSISTOR MSD601-RST1	
D6002	8-719-081-67	DIODE M1FM3		Q6303	8-729-010-05	TRANSISTOR MSB709-RT1	
D6003	8-719-081-67	DIODE M1FM3		< RESISTOR >			
D6004	8-719-081-97	DIODE MMDL914T1		JR6004	1-216-864-11	SHORT CHIP 0	
D6005	8-719-081-34	DIODE RB160M-30TR		JR6005	1-216-864-11	SHORT CHIP 0	
D6006	8-719-081-97	DIODE MMDL914T1		JR6006	1-216-864-11	SHORT CHIP 0	
D6007	8-719-080-41	DIODE RB063L-30TE25		JR6007	1-216-864-11	SHORT CHIP 0	
D6009	6-500-295-01	DIODE PTZ-TE25-5.6B		JR6313	1-216-295-91	SHORT CHIP 0	
D6300	8-719-069-55	DIODE UDZSTE-175.6B		JR6314	1-216-295-91	SHORT CHIP 0	
D6302	8-719-069-55	DIODE UDZSTE-175.6B		JR6315	1-216-295-91	SHORT CHIP 0	
< FUSE >				JR6316	1-216-295-91	SHORT CHIP 0	
F6000	Δ 1-576-300-51	FUSE 8A 250V		JR6317	1-216-864-11	SHORT CHIP 0	
F6001	Δ 1-576-233-51	FUSE 6.3A 250V		JR6318	1-216-864-11	SHORT CHIP 0	
FH6000	Δ 1-533-725-11	FUSE HOLDER		R6001	1-216-295-91	SHORT CHIP 0	
FH6001	Δ 1-533-725-11	FUSE HOLDER		R6002	1-216-864-11	SHORT CHIP 0	
< FERRITE BEAD >				R6003	1-216-864-11	SHORT CHIP 0	
FB6000	1-414-864-11	FERRITE 0UH		R6004	1-216-833-11	METAL CHIP 10K 5% 1/10W	
FB6001	1-469-324-21	FERRITE 0UH		R6008	1-216-833-11	METAL CHIP 10K 5% 1/10W	
< IC >				R6009	1-218-862-11	METAL CHIP 4.3K 0.5% 1/10W	
IC6000	6-706-191-01	IC BD9701FP-E2		R6010	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
IC6001	6-702-142-01	IC PQ1CY1032ZP		R6014	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
IC6002	8-749-925-00	IC TK11819MTL		R6016	1-218-889-11	METAL CHIP 56K 0.5% 1/10W	
IC6003	8-759-159-44	IC PST575IMT-T1		R6017	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
IC6300	8-759-831-57	IC TDA7495S		R6018	1-216-821-11	METAL CHIP 1K 5% 1/10W	
< COIL >				R6019	1-216-295-91	SHORT CHIP 0	
L6002	1-457-154-11	INDUCTOR 10UH		R6021	1-216-864-11	SHORT CHIP 0	
L6003	1-457-154-11	INDUCTOR 10UH		R6022	1-218-859-11	METAL CHIP 3.3K 0.5% 1/10W	
L6005	1-411-436-21	INDUCTOR 47UH		R6024	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
L6006	1-411-436-21	INDUCTOR 47UH		R6025	1-216-864-11	SHORT CHIP 0	
L6007	1-411-436-21	INDUCTOR 47UH		R6026	1-216-833-11	METAL CHIP 10K 5% 1/10W	
L6008	1-419-703-21	INDUCTOR 100UH		R6027	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
L6009	1-419-536-11	INDUCTOR 47UH		R6028	1-216-295-91	SHORT CHIP 0	
L6010	1-406-665-11	INDUCTOR 100UH		R6029	1-216-845-11	METAL CHIP 100K 5% 1/10W	
L6011	1-406-975-21	INDUCTOR 47UH		R6030	1-216-295-91	SHORT CHIP 0	
L6012	1-410-120-11	INDUCTOR 1.2MH		R6031	1-218-895-11	METAL CHIP 100K 0.5% 1/10W	
				R6033	1-216-833-11	METAL CHIP 10K 5% 1/10W	
				R6036	1-216-843-11	METAL CHIP 68K 5% 1/10W	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R6304	1-208-834-11	METAL CHIP	150K 0.5% 1/10W	C3024	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6306	1-208-834-11	METAL CHIP	150K 0.5% 1/10W	C3025	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6308	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	C3026	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6309	1-216-049-11	RES-CHIP	1K 5% 1/10W	C3027	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6313	1-216-864-11	SHORT CHIP	0	C3031	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6314	1-216-845-11	METAL CHIP	100K 5% 1/10W	C3032	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6315	1-216-845-11	METAL CHIP	100K 5% 1/10W	C3033	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6316	1-216-837-11	METAL CHIP	22K 5% 1/10W	C3035	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6317	1-216-833-11	METAL CHIP	10K 5% 1/10W	C3040	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R6318	1-216-833-11	METAL CHIP	10K 5% 1/10W	C3041	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
DC Board, Variant Parts KDL-15G2000				C3042	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
		< CONNECTOR >		C3043	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
CN6000	NOT FITTED			C3044	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
		< SOCKET >		C3045	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
J6000	10820-734-11	UNIFIED POLARITY TYPE DC JACK		C3048	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
DC Board, Variant Parts KDL-20G2000				C3049	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
		< CONNECTOR >		C3050	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
CN6000	*1-820-820-11	JACK, DC		C3051	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
		< SOCKET >		C3052	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
J6000	NOT FITTED			C3053	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
A-1204-488-A BDT Board, Complete KDL-15G2000 only				C3054	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
		< CAPACITOR >		C3055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3001	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C3056	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3002	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C3057	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3003	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C3058	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3005	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C3059	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3007	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3060	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3008	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V	C3061	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C3009	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3063	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3010	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3065	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C3011	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3068	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3012	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3069	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3013	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3070	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3014	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3071	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3016	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3072	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3017	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V	C3073	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3018	1-164-156-11	CERAMIC CHIP 0.1UF	25V	C3074	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3019	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3075	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C3020	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3076	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C3021	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3078	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3022	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3080	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3023	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3081	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
				C3082	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C3083	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
				C3085	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
				C3086	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
				C3089	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C3090	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C3092	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
				C3093	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3094	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5072	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3095	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5073	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3096	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5630	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C3097	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5631	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C3114	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5632	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3115	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5633	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3116	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C5634	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3131	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C5635	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3200	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5636	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3201	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C5637	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3300	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C5638	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3301	1-164-388-91	CERAMIC CHIP 270PF	5.00% 50V	C5641	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C3302	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C5642	1-100-506-91	CERAMIC CHIP 1UF	20.00% 6.3V
C3303	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C5646	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C3350	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V	C5650	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3353	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C5651	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3354	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V	C5652	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3355	1-127-573-11	CERAMIC CHIP 1UF	10% 16V	C5653	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C4000	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C5654	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5040	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5655	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5041	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5656	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5042	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	C5660	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5043	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5661	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5044	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	C5662	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C5045	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V	C5663	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5046	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V	C5664	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5047	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5665	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5048	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5666	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C5049	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C5667	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5050	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5668	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5051	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5669	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5052	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5670	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5054	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	C5671	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5055	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5672	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5056	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5673	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5057	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5674	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5058	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5675	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C5059	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5680	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5060	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5682	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5061	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	C5683	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5062	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V	C5684	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5063	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5685	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5686	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5065	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5689	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5066	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5690	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5067	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	C5691	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5068	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5692	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C5069	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5693	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5070	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5695	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5071	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C5696	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C5697	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5698	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5699	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5810	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C5700	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5811	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5701	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5812	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5702	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5813	1-135-366-11	ELECT CHIP 100UF	20% 16V
C5703	1-117-681-11	ELECT CHIP 100UF	20.00% 16V	C5814	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C5750	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5815	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C5751	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C5816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C5752	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C5844	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5753	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6500	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5754	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6501	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5755	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5756	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6503	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5757	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6504	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5758	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6505	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5759	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6506	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5760	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6507	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5761	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V	C6508	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5762	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6509	1-137-894-21	ELECT CHIP 470UF	20% 25V
C5763	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6510	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5764	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5765	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6512	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5766	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5767	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6515	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5780	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6516	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5781	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6517	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5782	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V	C6518	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5783	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	C6519	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5785	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V	C6520	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5786	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V	C6522	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5787	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6523	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5789	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V	C6524	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5790	1-104-905-11	DOUBLE LAYER 0.22F	5.5V	C6525	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C5791	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V	C6526	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C5792	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V	C6528	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C5793	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6529	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C5794	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6530	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5795	1-165-822-91	CERAMIC CHIP 1UF	25V	C6532	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C5796	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6535	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5797	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	C6536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5798	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V	C6538	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5799	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6539	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5800	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6543	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6545	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5803	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V	C6546	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5804	1-117-720-11	CERAMIC CHIP 4.7UF	10V	C6547	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5805	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C6548	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5806	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V	C6549	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5807	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C6551	1-127-573-11	CERAMIC CHIP 1UF	10% 16V

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

BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C6553	1-117-370-11	CERAMIC CHIP 10UF	10V	D4001	8-719-073-39	DIODE HZU5.6GTRF	
C6554	1-117-370-11	CERAMIC CHIP 10UF	10V	D4002	8-719-073-39	DIODE HZU5.6GTRF	
C6555	1-117-370-11	CERAMIC CHIP 10UF	10V	D4003	8-719-801-78	DIODE 1SS184	
C6556	1-117-370-11	CERAMIC CHIP 10UF	10V	D5780	8-719-041-97	DIODE MA113-(TX)	
C6557	1-117-370-11	CERAMIC CHIP 10UF	10V	D6301	8-719-081-97	DIODE MMDL914T1	
C6558	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	D6500	8-719-081-67	DIODE M1FM3	
C6559	1-117-370-11	CERAMIC CHIP 10UF	10V	D6501	8-719-081-67	DIODE M1FM3	
C6560	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6502	6-500-696-01	DIODE UDZSTE-173.0B	
C6561	1-117-370-11	CERAMIC CHIP 10UF	10V	D6504	8-719-081-97	DIODE MMDL914T1	
C6562	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6505	8-719-081-97	DIODE MMDL914T1	
C6563	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6506	6-501-336-01	DIODE RSX201L-30TE25	
C6564	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	D6507	8-719-080-41	DIODE RB063L-30TE25	
C6565	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6508	8-719-081-97	DIODE MMDL914T1	
C6566	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6509	6-500-294-01	DIODE PTZ-TE25-3.9B	
C6567	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V	D6510	6-500-253-01	DIODE RB053L-30TE25	
C6572	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	D6512	6-500-253-01	DIODE RB053L-30TE25	
C6579	1-165-908-11	CERAMIC CHIP 1UF	10% 10V	D6513	6-500-294-01	DIODE PTZ-TE25-3.9B	
C6581	1-109-982-11	CERAMIC CHIP 1UF	10.00% 10V	D6514	6-500-295-01	DIODE PTZ-TE25-5.6B	
C6582	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	D6515	8-719-083-63	DIODE UDZSTE-1713B	
C8907	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D6516	8-719-081-99	DIODE MM3Z13VT1	
C8922	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D6517	8-719-081-99	DIODE MM3Z13VT1	
C8923	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D6518	8-719-066-10	DIODE 1PS181-115	
< CONNECTOR >				D6519	8-719-081-97	DIODE MMDL914T1	
CN3000	*1-819-335-11	HEADER ASSEMBLY FOR PWB, 9P		D6520	8-719-066-10	DIODE 1PS181-115	
CN3001	*1-818-656-21	HEADER ASSEMBLY 30P		< FUSE >			
CN3002	*1-779-884-11	CONNECTOR 4P		F4000	Δ 1-576-646-11	FUSE	0.5A 50V
CN3003	*1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P		< FERRITE BEAD >			
CN3004	*1-819-333-11	CONNECTOR 5P		FB3012	1-414-445-11	FERRITE	0UH
CN3005	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P		FB3013	1-414-445-11	FERRITE	0UH
CN3006	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P		FB3014	1-414-445-11	FERRITE	0UH
CN3007	*1-784-254-11	CONNECTOR 10P		FB3016	1-414-760-21	FERRITE	0UH
CN3008	*1-779-936-51	CONNECTOR, FFC/FPC 18P		FB3046	1-414-445-11	FERRITE	0UH
CN4000	*1-817-804-11	CONNECTOR, D SUB 15P		FB3099	1-414-760-21	FERRITE	0UH
CN5750	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)		FB3241	1-414-760-21	FERRITE	0UH
CN5883	*1-820-209-11	MEMORY STICK CONNECTOR		FB3242	1-414-760-21	FERRITE	0UH
CN6500	*1-819-441-11	PWB HEADER, 13P		FB3243	1-414-760-21	FERRITE	0UH
CN6501	*1-819-474-11	HEADER ASSEMBLY FOR PWB 6P		FB3244	1-414-760-21	FERRITE	0UH
< DIODE >				FB3245	1-414-760-21	FERRITE	0UH
D3004	8-719-050-38	DIODE M1MA152WK-T1		FB4003	1-400-141-22	FERRITE	0UH
D3005	8-719-036-94	DIODE RD5.6SB-T1		FB5040	1-400-244-11	FERRITE	0UH
D3009	8-719-081-97	DIODE MMDL914T1		FB5041	1-400-244-11	FERRITE	0UH
D3010	8-719-081-97	DIODE MMDL914T1		FB5612	1-400-833-21	FERRITE	0UH
D3011	8-719-081-97	DIODE MMDL914T1		FB5613	1-400-833-21	FERRITE	0UH
D3012	8-719-081-97	DIODE MMDL914T1		FB5614	1-400-833-21	FERRITE	0UH
D3014	8-719-081-97	DIODE MMDL914T1		FB5615	1-400-833-21	FERRITE	0UH
D3015	8-719-081-97	DIODE MMDL914T1		FB5616	1-400-833-21	FERRITE	0UH
D3016	8-719-069-60	DIODE UDZSTE-179.1B		FB5617	1-400-833-21	FERRITE	0UH
D4000	8-719-073-39	DIODE HZU5.6GTRF					

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
FB5618	1-400-807-21	FERRITE	OUH	IC5681	6-707-809-01	IC EDD1216AATA-6B-E	
FB5619	1-400-807-21	FERRITE	OUH	IC5682	6-708-916-01	IC IC57150MLFT	
FB5620	1-400-807-21	FERRITE	OUH	IC5750	8-759-644-48	IC 74LVC541APW	
FB5621	1-400-807-21	FERRITE	OUH	IC5751	8-759-644-48	IC 74LVC541APW	
FB5622	1-400-833-21	FERRITE	OUH	IC5752	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
FB5623	1-400-833-21	FERRITE	OUH	IC5753	8-759-644-48	IC 74LVC541APW	
FB5624	1-400-833-21	FERRITE	OUH	IC5754	6-708-132-01	IC 74LVC14APW	
FB5630	1-469-869-21	FERRITE	OUH	IC5755	8-759-644-48	IC 74LVC541APW	
FB5634	1-400-244-11	FERRITE	OUH	IC5756	8-759-644-48	IC 74LVC541APW	
FB5635	1-400-244-11	FERRITE	OUH	IC5757	8-759-644-48	IC 74LVC541APW	
FB5636	1-469-869-21	FERRITE	OUH	IC5758	6-707-853-01	IC TC74LCX541FT(EKJ)	
FB5637	1-469-869-21	FERRITE	OUH	IC5759	8-759-298-91	IC 74LVT245PW-T	
FB5640	1-400-834-11	FERRITE	OUH	IC5780	6-700-108-01	IC RV5C387A-E2-FB	
FB5646	1-400-834-11	FERRITE	OUH	IC5781	6-703-271-01	IC TAR5S50(TE85R)	
FB5647	1-469-869-21	FERRITE	OUH	IC5782	6-707-808-01	IC WM8727GED/RV	
FB5680	1-400-244-11	FERRITE	OUH	IC5783	8-759-701-40	IC NJM3404AM-T1	
FB5681	1-400-244-11	FERRITE	OUH	IC5784	6-706-106-01	IC NCP1117STAT3	
FB5750	1-469-869-21	FERRITE	OUH	IC5785	6-708-603-01	IC PQ070XNA1ZPH	
FB5751	1-469-869-21	FERRITE	OUH	IC5786	6-705-790-01	IC LM3525MX-H/J5000395	
FB5780	1-400-244-11	FERRITE	OUH	IC6500	6-702-142-01	IC PQ1CY1032ZP	
FB5781	1-400-244-11	FERRITE	OUH	IC6501	6-702-142-01	IC PQ1CY1032ZP	
FB5782	1-400-244-11	FERRITE	OUH	IC6502	6-706-046-01	IC TK11185CSCL-G	
FB5907	1-400-834-11	FERRITE	OUH	IC6503	6-702-142-01	IC PQ1CY1032ZP	
FB5908	1-400-834-11	FERRITE	OUH	IC6505	6-709-932-01	IC MM3141CNRE	
FB5909	1-400-834-11	FERRITE	OUH	< COIL >			
FB5910	1-400-834-11	FERRITE	OUH	L3000	1-456-984-11	INDUCTOR	OUH
FB5911	1-400-834-11	FERRITE	OUH	L3001	1-456-984-11	INDUCTOR	OUH
FB5912	1-400-834-11	FERRITE	OUH	L3002	1-456-984-11	INDUCTOR	OUH
FB5913	1-400-834-11	FERRITE	OUH	L3003	1-456-984-11	INDUCTOR	OUH
FB5914	1-400-834-11	FERRITE	OUH	L3004	1-456-984-11	INDUCTOR	OUH
FB5915	1-400-834-11	FERRITE	OUH	L3005	1-400-180-21	FERRITE	OUH
FB5916	1-400-244-11	FERRITE	OUH	L3350	1-412-990-41	INDUCTOR	8.2UH
FB5917	1-400-244-11	FERRITE	OUH	L5040	1-469-842-21	INDUCTOR	0.47UH
FB6500	1-469-324-21	FERRITE	OUH	L5041	1-412-058-11	INDUCTOR	10UH
FB6501	1-469-324-21	FERRITE	OUH	L5042	1-412-058-11	INDUCTOR	10UH
FB6502	1-469-775-21	FERRITE	OUH	L5043	1-412-058-11	INDUCTOR	10UH
< IC >				L5044	1-412-058-11	INDUCTOR	10UH
IC3000	8-759-082-60	IC TC7S66FU		L5045	1-412-058-11	INDUCTOR	10UH
IC3002	6-701-173-01	IC MC74LVXT4053DTR2		L5046	1-412-058-11	INDUCTOR	10UH
IC3003	8-759-701-01	IC NJM2904M		L5630	1-414-398-11	INDUCTOR	10UH
IC3004	6-704-573-01	IC M24C32-WMN6T(B)		L6500	1-416-511-11	INDUCTOR	47UH
IC3005	6-703-175-01	IC PST3629UL		L6501	1-416-511-11	INDUCTOR	47UH
IC3006	6-806-613-01	IC VCT6973G		L6503	1-414-398-11	INDUCTOR	10UH
IC3008	8-752-072-94	IC CXA1875AM-T4		L6504	1-424-976-21	INDUCTOR	47UH
IC4000	6-704-600-01	IC M24C02-WMN6T(B)		L6506	1-424-976-21	INDUCTOR	47UH
IC5040	8-753-264-52	IC CXD1968R-T6		L6508	1-424-922-21	INDUCTOR	10UH
IC5630	6-709-214-01	IC UPD61123F1-100-KA3-A		L6510	1-416-948-21	INDUCTOR	10UH
IC5680	6-705-336-01	IC K9F2808U0C-PCB0T		L6512	1-416-511-11	INDUCTOR	47UH
				L6514	1-412-026-11	INDUCTOR	1UH

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

BDT

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
L6515	1-412-026-11	INDUCTOR	1UH	Q5920	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)	
L6516	1-412-026-11	INDUCTOR	1UH	Q5921	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)	
L6517	1-414-394-11	INDUCTOR	2.2UH	Q5922	8-729-028-86	TRANSISTOR DTA143EUA-T106	
L6518	1-412-026-11	INDUCTOR	1UH	Q5923	8-729-907-00	TRANSISTOR DTC114EU	
L6519	1-412-026-11	INDUCTOR	1UH	Q6500	8-729-421-22	TRANSISTOR UN2211	
L6520	1-412-026-11	INDUCTOR	1UH	Q6501	8-729-421-22	TRANSISTOR UN2211	
L6521	1-412-026-11	INDUCTOR	1UH	Q6502	8-729-421-22	TRANSISTOR UN2211	
L6522	1-412-026-11	INDUCTOR	1UH	Q6503	8-729-010-25	TRANSISTOR MSD601-RT1	
L6523	1-412-026-11	INDUCTOR	1UH	Q6504	8-729-421-22	TRANSISTOR UN2211	
L6524	1-412-026-11	INDUCTOR	1UH	Q6505	8-729-010-25	TRANSISTOR MSD601-RT1	
L6525	1-412-026-11	INDUCTOR	1UH	Q6506	8-729-010-25	TRANSISTOR MSD601-RT1	
L6526	1-414-394-11	INDUCTOR	2.2UH	Q6507	8-729-010-25	TRANSISTOR MSD601-RT1	
L6527	1-414-394-11	INDUCTOR	2.2UH	Q6509	8-729-046-04	TRANSISTOR FDS6690A	
L6528	1-412-026-11	INDUCTOR	1UH	Q6510	8-729-421-22	TRANSISTOR UN2211	
L6529	1-424-976-21	INDUCTOR	47UH	Q6511	8-729-421-22	TRANSISTOR UN2211	
L6530	1-424-976-21	INDUCTOR	47UH	Q6512	6-550-369-01	TRANSISTOR TPC8109 (TE12L)	
< PROTECTOR MODULE >				Q6513	6-550-369-01	TRANSISTOR TPC8109 (TE12L)	
PS6500 Δ	1-576-736-41	IC LINK	3.15A 24V	Q6514	8-729-010-05	TRANSISTOR MSB709-RT1	
PS6501 Δ	1-576-736-41	IC LINK	3.15A 24V	Q6515	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)	
PS6502 Δ	1-576-736-41	IC LINK	3.15A 24V	Q6555	8-729-010-25	TRANSISTOR MSD601-RT1	
< TRANSISTOR >				< RESISTOR >			
Q3001	8-729-421-22	TRANSISTOR UN2211		JR5600	1-216-295-91	SHORT CHIP	0
Q3002	8-729-927-99	TRANSISTOR 2SC4617R		JR5601	1-218-990-81	SHORT CHIP	0
Q3003	8-729-927-99	TRANSISTOR 2SC4617R		JR5602	1-218-990-81	SHORT CHIP	0
Q3004	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)		R3000	1-216-864-11	SHORT CHIP	0
Q3006	8-729-905-35	TRANSISTOR 2SC4081-R		R3003	1-216-864-11	SHORT CHIP	0
Q3007	6-550-549-01	TRANSISTOR DTC114EUAFT106		R3004	1-216-864-11	SHORT CHIP	0
Q3008	8-729-045-62	TRANSISTOR 2SK2158-T2B		R3015	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q3009	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R3016	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q3010	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR		R3021	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3011	8-729-045-62	TRANSISTOR 2SK2158-T2B		R3022	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3012	8-729-422-29	TRANSISTOR 2SD601A-S		R3023	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3013	8-729-422-29	TRANSISTOR 2SD601A-S		R3024	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3014	8-729-422-29	TRANSISTOR 2SD601A-S		R3026	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3015	8-729-422-29	TRANSISTOR 2SD601A-S		R3027	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3016	8-729-421-19	TRANSISTOR UN2213		R3028	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3017	8-729-050-10	TRANSISTOR PMBF170-215		R3031	1-216-864-11	SHORT CHIP	0
Q3020	8-729-905-35	TRANSISTOR 2SC4081-R		R3032	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q3120	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)		R3034	1-218-879-11	METAL CHIP	22K 0.5% 1/10W
Q3121	8-729-028-28	TRANSISTOR 2SK2036 (TE85L)		R3035	1-216-864-11	SHORT CHIP	0
Q3122	8-729-028-73	TRANSISTOR DTA114EUA-T106		R3036	1-216-864-11	SHORT CHIP	0
Q3123	8-729-010-05	TRANSISTOR MSB709-RT1		R3037	1-216-864-11	SHORT CHIP	0
Q3300	8-729-010-05	TRANSISTOR MSB709-RT1		R3038	1-216-864-11	SHORT CHIP	0
Q3301	8-729-421-19	TRANSISTOR UN2213		R3039	1-216-864-11	SHORT CHIP	0
Q3350	8-729-010-05	TRANSISTOR MSB709-RT1		R3040	1-218-891-11	METAL CHIP	68K 0.5% 1/10W
Q3351	8-729-010-29	TRANSISTOR MSD601-RST1		R3044	1-216-817-11	METAL CHIP	470 5% 1/10W
Q5780	8-729-010-05	TRANSISTOR MSB709-RT1		R3045	1-216-864-11	SHORT CHIP	0
				R3048	1-216-864-11	SHORT CHIP	0
				R3049	1-216-864-11	SHORT CHIP	0

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3050	1-216-864-11	SHORT CHIP	0			R3112	1-216-864-11	SHORT CHIP	0		
R3051	1-216-864-11	SHORT CHIP	0			R3113	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3052	1-216-864-11	SHORT CHIP	0			R3114	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3053	1-216-864-11	SHORT CHIP	0			R3115	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3054	1-216-864-11	SHORT CHIP	0			R3116	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R3057	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3127	1-216-864-11	SHORT CHIP	0		
R3058	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3129	1-216-864-11	SHORT CHIP	0		
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3133	1-216-809-11	METAL CHIP	100	5%	1/10W
R3061	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R3136	1-216-809-11	METAL CHIP	100	5%	1/10W
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W	R3137	1-216-864-11	SHORT CHIP	0		
R3063	1-216-809-11	METAL CHIP	100	5%	1/10W	R3138	1-216-809-11	METAL CHIP	100	5%	1/10W
R3064	1-216-809-11	METAL CHIP	100	5%	1/10W	R3140	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W	R3142	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W	R3143	1-216-864-11	SHORT CHIP	0		
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W	R3146	1-216-864-11	SHORT CHIP	0		
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W	R3147	1-216-864-11	SHORT CHIP	0		
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W	R3150	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W	R3153	1-216-864-11	SHORT CHIP	0		
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W	R3156	1-216-817-11	METAL CHIP	470	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W	R3158	1-216-864-11	SHORT CHIP	0		
R3077	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3159	1-216-817-11	METAL CHIP	470	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W	R3160	1-216-864-11	SHORT CHIP	0		
R3079	1-216-864-11	SHORT CHIP	0			R3161	1-216-864-11	SHORT CHIP	0		
R3080	1-216-864-11	SHORT CHIP	0			R3163	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3081	1-216-864-11	SHORT CHIP	0			R3175	1-216-864-11	SHORT CHIP	0		
R3083	1-216-864-11	SHORT CHIP	0			R3177	1-216-809-11	METAL CHIP	100	5%	1/10W
R3084	1-216-864-11	SHORT CHIP	0			R3178	1-216-809-11	METAL CHIP	100	5%	1/10W
R3087	1-216-864-11	SHORT CHIP	0			R3182	1-216-809-11	METAL CHIP	100	5%	1/10W
R3088	1-216-864-11	SHORT CHIP	0			R3183	1-216-809-11	METAL CHIP	100	5%	1/10W
R3089	1-216-809-11	METAL CHIP	100	5%	1/10W	R3185	1-216-809-11	METAL CHIP	100	5%	1/10W
R3090	1-216-809-11	METAL CHIP	100	5%	1/10W	R3186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3091	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3092	1-216-864-11	SHORT CHIP	0			R3188	1-216-864-11	SHORT CHIP	0		
R3093	1-216-864-11	SHORT CHIP	0			R3190	1-216-864-11	SHORT CHIP	0		
R3094	1-216-864-11	SHORT CHIP	0			R3191	1-216-864-11	SHORT CHIP	0		
R3095	1-216-864-11	SHORT CHIP	0			R3192	1-216-864-11	SHORT CHIP	0		
R3096	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3193	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3097	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3195	1-216-864-11	SHORT CHIP	0		
R3098	1-216-864-11	SHORT CHIP	0			R3196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3100	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3198	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3101	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3201	1-216-864-11	SHORT CHIP	0		
R3103	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3202	1-216-864-11	SHORT CHIP	0		
R3104	1-216-864-11	SHORT CHIP	0			R3203	1-216-864-11	SHORT CHIP	0		
R3105	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3204	1-216-864-11	SHORT CHIP	0		
R3106	1-218-891-11	METAL CHIP	68K	0.5%	1/10W	R3209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3107	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3212	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3108	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R3213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3109	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3215	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3110	1-216-864-11	SHORT CHIP	0			R3216	1-216-864-11	SHORT CHIP	0		
R3111	1-218-823-11	METAL CHIP	100	0.5%	1/10W	R3220	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3221	1-216-864-11	SHORT CHIP	0			R3296	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3222	1-216-809-11	METAL CHIP	100	5%	1/10W	R3297	1-216-809-11	METAL CHIP	100	5%	1/10W
R3225	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3298	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3229	1-216-864-11	SHORT CHIP	0			R3299	1-216-813-11	METAL CHIP	220	5%	1/10W
R3230	1-216-864-11	SHORT CHIP	0			R3300	1-216-817-11	METAL CHIP	470	5%	1/10W
R3231	1-216-864-11	SHORT CHIP	0			R3301	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3232	1-216-864-11	SHORT CHIP	0			R3302	1-216-849-11	METAL CHIP	220K	5%	1/10W
R3233	1-216-864-11	SHORT CHIP	0			R3303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3236	1-216-864-11	SHORT CHIP	0			R3304	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3237	1-216-864-11	SHORT CHIP	0			R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3240	1-216-817-11	METAL CHIP	470	5%	1/10W	R3310	1-216-809-11	METAL CHIP	100	5%	1/10W
R3246	1-216-864-11	SHORT CHIP	0			R3311	1-216-809-11	METAL CHIP	100	5%	1/10W
R3247	1-216-843-11	METAL CHIP	68K	5%	1/10W	R3320	1-216-864-11	SHORT CHIP	0		
R3248	1-216-851-11	METAL CHIP	330K	5%	1/10W	R3321	1-216-864-11	SHORT CHIP	0		
R3249	1-216-817-11	METAL CHIP	470	5%	1/10W	R3350	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3351	1-216-805-11	METAL CHIP	47	5%	1/10W
R3251	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3352	1-216-864-11	SHORT CHIP	0		
R3252	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0			R3356	1-216-864-11	SHORT CHIP	0		
R3255	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3370	1-216-864-11	SHORT CHIP	0		
R3256	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3371	1-216-864-11	SHORT CHIP	0		
R3257	1-218-990-81	SHORT CHIP	0			R3373	1-216-864-11	SHORT CHIP	0		
R3259	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3374	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3260	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3375	1-216-809-11	METAL CHIP	100	5%	1/10W
R3261	1-216-864-11	SHORT CHIP	0			R3376	1-220-397-11	METAL CHIP	4.7M	5%	1/10W
R3262	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3377	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3263	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3378	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3264	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3380	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3265	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3381	1-216-809-11	METAL CHIP	100	5%	1/10W
R3266	1-216-817-11	METAL CHIP	470	5%	1/10W	R3382	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3267	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3387	1-216-864-11	SHORT CHIP	0		
R3268	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R3388	1-216-864-11	SHORT CHIP	0		
R3269	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3389	1-216-864-11	SHORT CHIP	0		
R3270	1-216-864-11	SHORT CHIP	0			R3392	1-216-809-11	METAL CHIP	100	5%	1/10W
R3271	1-216-864-11	SHORT CHIP	0			R3393	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3272	1-216-864-11	SHORT CHIP	0			R3394	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3273	1-216-864-11	SHORT CHIP	0			R3395	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3274	1-216-864-11	SHORT CHIP	0			R3396	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3275	1-216-864-11	SHORT CHIP	0			R3397	1-216-809-11	METAL CHIP	100	5%	1/10W
R3276	1-216-864-11	SHORT CHIP	0			R3700	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3285	1-216-864-11	SHORT CHIP	0			R4000	1-216-805-11	METAL CHIP	47	5%	1/10W
R3286	1-216-864-11	SHORT CHIP	0			R4001	1-216-805-11	METAL CHIP	47	5%	1/10W
R3287	1-216-864-11	SHORT CHIP	0			R4004	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3288	1-216-864-11	SHORT CHIP	0			R4005	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3289	1-216-864-11	SHORT CHIP	0			R4006	1-216-805-11	METAL CHIP	47	5%	1/10W
R3290	1-216-864-11	SHORT CHIP	0			R4007	1-216-805-11	METAL CHIP	47	5%	1/10W
R3291	1-216-864-11	SHORT CHIP	0			R4008	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R3292	1-216-864-11	SHORT CHIP	0			R4009	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R3293	1-216-809-11	METAL CHIP	100	5%	1/10W	R4010	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R3295	1-216-864-11	SHORT CHIP	0			R4011	1-218-827-11	METAL CHIP	150	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R4012	1-218-827-11	METAL CHIP	150	0.5%	1/10W	R5654	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4013	1-218-827-11	METAL CHIP	150	0.5%	1/10W	R5655	1-218-937-11	RES-CHIP	47	5%	1/16W
R4014	1-216-821-11	METAL CHIP	1K	5%	1/10W	R5656	1-218-937-11	RES-CHIP	47	5%	1/16W
R4015	1-216-864-11	SHORT CHIP	0			R5657	1-218-937-11	RES-CHIP	47	5%	1/16W
R4016	1-216-864-11	SHORT CHIP	0			R5661	1-218-937-11	RES-CHIP	47	5%	1/16W
R4017	1-216-864-11	SHORT CHIP	0			R5663	1-220-174-11	RES-CHIP	200	5%	1/16W
R4018	1-216-864-11	SHORT CHIP	0			R5664	1-220-174-11	RES-CHIP	200	5%	1/16W
R4019	1-216-864-11	SHORT CHIP	0			R5665	1-220-174-11	RES-CHIP	200	5%	1/16W
R4020	1-216-845-11	METAL CHIP	100K	5%	1/10W	R5666	1-220-174-11	RES-CHIP	200	5%	1/16W
R5040	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5667	1-220-174-11	RES-CHIP	200	5%	1/16W
R5041	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5668	1-220-174-11	RES-CHIP	200	5%	1/16W
R5043	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5669	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R5044	1-218-941-81	RES-CHIP	100	5%	1/16W	R5671	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R5045	1-218-941-81	RES-CHIP	100	5%	1/16W	R5673	1-218-990-81	SHORT CHIP	0		
R5046	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5674	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R5049	1-218-989-11	RES-CHIP	1M	5%	1/16W	R5676	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5050	1-218-941-81	RES-CHIP	100	5%	1/16W	R5681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5051	1-218-941-81	RES-CHIP	100	5%	1/16W	R5683	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5053	1-218-937-11	RES-CHIP	47	5%	1/16W	R5684	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5054	1-218-941-81	RES-CHIP	100	5%	1/16W	R5686	1-218-949-11	RES-CHIP	470	5%	1/16W
R5055	1-218-941-81	RES-CHIP	100	5%	1/16W	R5687	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5056	1-216-864-11	SHORT CHIP	0			R5689	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5057	1-218-941-81	RES-CHIP	100	5%	1/16W	R5691	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5058	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5693	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5060	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5695	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5061	1-218-941-81	RES-CHIP	100	5%	1/16W	R5697	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5062	1-218-941-81	RES-CHIP	100	5%	1/16W	R5699	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5063	1-218-941-81	RES-CHIP	100	5%	1/16W	R5701	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5703	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5625	1-218-990-81	SHORT CHIP	0			R5706	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5626	1-218-990-81	SHORT CHIP	0			R5707	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5629	1-218-990-81	SHORT CHIP	0			R5710	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5630	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5631	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5714	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5632	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5633	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5717	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5634	1-218-941-81	RES-CHIP	100	5%	1/16W	R5720	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5635	1-218-941-81	RES-CHIP	100	5%	1/16W	R5722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5636	1-218-941-81	RES-CHIP	100	5%	1/16W	R5723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5637	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5726	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5638	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5727	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5639	1-218-941-81	RES-CHIP	100	5%	1/16W	R5729	1-218-939-11	RES-CHIP	68	5%	1/16W
R5640	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5730	1-218-941-11	RES-CHIP	100	5%	1/16W
R5641	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5731	1-218-941-11	RES-CHIP	100	5%	1/16W
R5644	1-218-941-81	RES-CHIP	100	5%	1/16W	R5732	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5645	1-218-941-81	RES-CHIP	100	5%	1/16W	R5733	1-218-937-11	RES-CHIP	47	5%	1/16W
R5646	1-218-941-81	RES-CHIP	100	5%	1/16W	R5734	1-218-939-11	RES-CHIP	68	5%	1/16W
R5647	1-218-941-81	RES-CHIP	100	5%	1/16W	R5735	1-218-941-81	RES-CHIP	100	5%	1/16W
R5652	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5736	1-218-941-81	RES-CHIP	100	5%	1/16W
R5653	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5737	1-218-941-81	RES-CHIP	100	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R5738	1-218-941-81	RES-CHIP	100	5%	1/16W	R5840	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5739	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5843	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5740	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5744	1-218-949-11	RES-CHIP	470	5%	1/16W	R5847	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5745	1-218-949-11	RES-CHIP	470	5%	1/16W	R5861	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5750	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5862	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5751	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5863	1-218-990-81	SHORT CHIP	0		
R5752	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5864	1-218-990-81	SHORT CHIP	0		
R5753	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5865	1-218-990-81	SHORT CHIP	0		
R5754	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5884	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5755	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5885	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5756	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5886	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5757	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5887	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5758	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5888	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5759	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5889	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5760	1-218-941-81	RES-CHIP	100	5%	1/16W	R5890	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5761	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5891	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5763	1-218-941-81	RES-CHIP	100	5%	1/16W	R5892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5764	1-218-941-81	RES-CHIP	100	5%	1/16W	R5893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5780	1-216-809-11	METAL CHIP	100	5%	1/10W	R5895	1-218-941-81	RES-CHIP	100	5%	1/16W
R5781	1-216-809-11	METAL CHIP	100	5%	1/10W	R5896	1-218-941-81	RES-CHIP	100	5%	1/16W
R5782	1-218-945-11	RES-CHIP	220	5%	1/16W	R5897	1-218-941-81	RES-CHIP	100	5%	1/16W
R5783	1-216-809-11	METAL CHIP	100	5%	1/10W	R5902	1-218-941-81	RES-CHIP	100	5%	1/16W
R5784	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5903	1-218-941-81	RES-CHIP	100	5%	1/16W
R5786	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R5904	1-218-941-81	RES-CHIP	100	5%	1/16W
R5789	1-216-813-11	METAL CHIP	220	5%	1/10W	R5905	1-218-941-81	RES-CHIP	100	5%	1/16W
R5791	1-218-990-81	SHORT CHIP	0			R5906	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5792	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5793	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R5923	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5794	1-218-972-11	RES-CHIP	39K	5%	1/16W	R5925	1-216-864-11	SHORT CHIP	0		
R5795	1-218-972-11	RES-CHIP	39K	5%	1/16W	R5927	1-216-864-11	SHORT CHIP	0		
R5796	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5930	1-218-941-81	RES-CHIP	100	5%	1/16W
R5797	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5950	1-218-990-81	SHORT CHIP	0		
R5798	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5951	1-218-990-81	SHORT CHIP	0		
R5799	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5954	1-218-939-11	RES-CHIP	68	5%	1/16W
R5800	1-218-967-11	RES-CHIP	15K	5%	1/16W	R5955	1-218-939-11	RES-CHIP	68	5%	1/16W
R5801	1-218-967-11	RES-CHIP	15K	5%	1/16W	R5956	1-218-939-11	RES-CHIP	68	5%	1/16W
R5802	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5957	1-218-939-11	RES-CHIP	68	5%	1/16W
R5803	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5958	1-218-939-11	RES-CHIP	68	5%	1/16W
R5804	1-218-968-11	RES-CHIP	18K	5%	1/16W	R5959	1-218-939-11	RES-CHIP	68	5%	1/16W
R5805	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5806	1-220-174-11	RES-CHIP	200	5%	1/16W	R6501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5807	1-218-941-81	RES-CHIP	100	5%	1/16W	R6502	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5808	1-218-941-81	RES-CHIP	100	5%	1/16W	R6508	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5809	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6511	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5810	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6512	1-216-864-11	SHORT CHIP	0		
R5811	1-218-935-11	RES-CHIP	33	5%	1/16W	R6513	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R5812	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R6514	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R5813	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6515	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R5814	1-218-990-81	SHORT CHIP	0			R6516	1-218-877-11	METAL CHIP	18K	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK
R6521	1-218-860-11	METAL CHIP	3.6K	0.5%	1/10W	< SWITCH >			
R6522	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W				
R6523	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W	S3000	1-572-921-11	SWITCH, KEY BOARD	
R6524	1-218-850-11	METAL CHIP	1.3K	0.5%	1/10W	S3001	1-572-921-11	SWITCH, KEY BOARD	
R6526	1-216-864-11	SHORT CHIP	0			< VARISTOR >			
R6528	1-216-864-11	SHORT CHIP	0						
R6539	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD4000	1-803-974-21	VARISTOR, CHIP	(1608)
R6540	1-216-839-11	METAL CHIP	33K	5%	1/10W	VD4001	1-803-974-21	VARISTOR, CHIP	(1608)
R6542	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD4002	1-803-974-21	VARISTOR, CHIP	(1608)
R6543	1-216-837-11	METAL CHIP	22K	5%	1/10W	VD4003	1-803-974-21	VARISTOR, CHIP	(1608)
R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W	VD4004	1-803-974-21	VARISTOR, CHIP	(1608)
R6548	1-216-833-11	METAL CHIP	10K	5%	1/10W	< CRYSTAL >			
R6549	1-216-833-11	METAL CHIP	10K	5%	1/10W				
R6550	1-216-864-11	SHORT CHIP	0			X3000	1-813-531-11	OSCILLATOR, CRYSTAL UNIT	
R6551	1-216-833-11	METAL CHIP	10K	5%	1/10W	X5040	1-813-547-11	QUARTZ CRYSTAL UNIT	
R6552	1-216-864-11	SHORT CHIP	0			X5680	1-813-055-11	QUARTZ CRYSTAL UNIT	
R6558	1-216-864-11	SHORT CHIP	0			X5780	1-781-696-31	VIBRATOR, CRYSTAL	
R6559	1-216-864-11	SHORT CHIP	0						
R6560	1-216-864-11	SHORT CHIP	0						
R6568	1-216-829-11	METAL CHIP	4.7K	5%	1/10W				
R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W				
R6570	1-216-821-11	METAL CHIP	1K	5%	1/10W				
R6572	1-216-833-11	METAL CHIP	10K	5%	1/10W				
R6573	1-216-833-11	METAL CHIP	10K	5%	1/10W				
R6574	1-216-797-11	METAL CHIP	10	5%	1/10W				
R6575	1-216-827-11	METAL CHIP	3.3K	5%	1/10W				
R6577	1-216-864-11	SHORT CHIP	0						
R6578	1-216-864-11	SHORT CHIP	0						
R6581	1-216-864-11	SHORT CHIP	0						
R6582	1-216-833-11	METAL CHIP	10K	5%	1/10W				
R6596	1-216-837-11	METAL CHIP	22K	5%	1/10W				
R6597	1-216-864-11	SHORT CHIP	0						
R6598	1-216-864-11	SHORT CHIP	0						
R6700	1-216-809-11	METAL CHIP	100	5%	1/10W				
R9032	1-216-864-11	SHORT CHIP	0						
R9034	1-218-965-11	RES-CHIP	10K	5%	1/16W				
< RESISTOR CHIP >									
RB5040	1-234-371-21	RES, NETWORK	47		(1005X4)				
RB5041	1-234-371-21	RES, NETWORK	47		(1005X4)				
RB5680	1-234-702-11	RES, NETWORK	68		(1005X4)				
RB5681	1-234-702-11	RES, NETWORK	68		(1005X4)				
RB5682	1-234-372-11	RES, NETWORK	100		(1005X4)				
RB5683	1-234-372-11	RES, NETWORK	100		(1005X4)				
RB5684	1-234-372-11	RES, NETWORK	100		(1005X4)				
RB5685	1-234-372-11	RES, NETWORK	100		(1005X4)				
RB5686	1-234-372-11	RES, NETWORK	100		(1005X4)				
RB5687	1-234-702-11	RES, NETWORK	68		(1005X4)				
RB5688	1-234-702-11	RES, NETWORK	68		(1005X4)				

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
MISCELLANEOUS							
	1-826-540-11	LOUDSPEAKER (4X7CM)		*1-910-029-90	CONNECTOR ASSY L8 KDL-15G2000 (AEP/UK)		
	1-802-270-11	LCD PANEL (15 INCH XGA TFT) KDL-15G2000	(AEP/UK)	*1-910-029-91	CONNECTOR ASSY L11 KDL-15G2000 (AEP/UK)		
	8-597-590-00	TUNER, FSS BTP-HC401Z		*1-910-029-92	CONNECTOR ASSY L6 KDL-15G2000 (AEP/UK)		
Δ	1-827-481-11	POWER SUPPLY CORD KDL-15/20G2000 (AEP)			CN3006(B)-CN2024(A) (1)		
Δ	1-478-727-34	DC POWER SUPPLY KDL-15G2000 (AEP/UK)		*1-910-029-93	CONNECTOR ASSY L12 KDL-15G2000 (AEP/UK)		
Δ	1-827-480-11	POWER SUPPLY CORD KDL-15/20G2000 (UK)			CN3001(B)-PANEL(1)		
Δ	1-478-235-14	DC POWER SUPPLY KDL-20G2000 (AEP/UK)		X-2102-511-2	BAG, ASSY, RUDDER LOCK KDL-20G2000 (AEP/UK)		
	1-802-271-11	LCD PANEL (20 INCH VGA TFT) KDL-20G2000	(AEP/UK)	*2-889-390-11	INSTRUCTION MANUAL (ENGLISH)		
					KDL-15/20G2000 (UK)		
ACCESSORIES AND CONNECTORS				*2-889-390-21	INSTRUCTION MANUAL (GERMAN/FRENCH/ITALIAN/GREEK)		
	*1-910-029-72	CONNECTOR ASSY L1 KDL-20G2000 (AEP/UK)			KDL-15/20G2000 (AEP)		
		CN6300(DC)-CN9856(H2) (1)		*2-889-390-31	INSTRUCTION MANUAL (SPANISH/PORTUGUESE/GREEK)		
	*1-910-029-73	CONNECTOR ASSY L2 KDL-20G2000 (AEP/UK)			KDL-15/20G2000 (AEP)		
		CN6500(B)-CN6003(DC) (1)		*2-889-390-41	INSTRUCTION MANUAL (ENGLISH/RUSSIAN/POLISH)		
	*1-910-029-74	CONNECTOR ASSY L3 KDL-20G2000 (AEP/UK)			KDL-15/20G2000 (AEP)		
		CN3004(B)-INVERTER, CN6004(DC) (1)		*2-889-390-51	INSTRUCTION MANUAL (SWEDISH/DANISH/FINNISH/NORWEGIAN)		
	*1-910-029-75	CONNECTOR ASSY L4 KDL-20G2000 (AEP/UK)			KDL-15/20G2000 (AEP)		
		CN6501(B)-CN6002(DC) (1)		REMOTE COMMANDER			
	*1-910-029-76	CONNECTOR ASSY L9 KDL-20G2000 (AEP/UK)			1-479-847-11	REMOTE COMMANDER (RM-ED007)	
		CN3002(B)-CN9000(H1) (1)					
	*1-910-029-77	CONNECTOR ASSY L7 KDL-20G2000 (AEP/UK)					
		CN3000(B)-CN9855(H2) (1)					
	*1-910-029-78	CONNECTOR ASSY L10 KDL-20G2000 (AEP/UK)					
		CN3003(B)-CN9300(H3) (1)					
	*1-910-029-79	CONNECTOR ASSY L8 KDL-20G2000 (AEP/UK)					
		CN9857(H2)-SPEAKERS(1)					
	*1-910-029-80	CONNECTOR ASSY L11 KDL-20G2000 (AEP/UK)					
		CN3005(B)-CN2022(A) (1)					
	*1-910-029-81	CONNECTOR ASSY L6 KDL-20G2000 (AEP/UK)					
		CN3006(B)-CN2024(A) (1)					
	*1-910-029-82	CONNECTOR ASSY L13 KDL-20G2000 (AEP/UK)					
		CN3009(B)-PANEL(1)					
	*1-910-029-83	CONNECTOR ASSY L1 KDL-15G2000 (AEP/UK)					
		CN6300(DC)-CN9856(H2) (1)					
	*1-910-029-84	CONNECTOR ASSY L2 KDL-15G2000 (AEP/UK)					
		CN6500(B)-CN6003(DC) (1)					
	*1-910-029-85	CONNECTOR ASSY L3 KDL-15G2000 (AEP/UK)					
		CN3004(B)-INVERTER, CN6004(DC) (1)					
	*1-910-029-86	CONNECTOR ASSY L4 KDL-15G2000 (AEP/UK)					
		CN6501(B)-CN6002(DC) (1)					
	*1-910-029-87	CONNECTOR ASSY L9 KDL-15G2000 (AEP/UK)					
		CN3002(B)-CN9000(H1) (1)					
	*1-910-029-88	CONNECTOR ASSY L7 KDL-15G2000 (AEP/UK)					
		CN3000(B)-CN9855(H2) (1)					
	*1-910-029-89	CONNECTOR ASSY L10 KDL-15G2000 (AEP/UK)					
		CN3003(B)-CN9300(H3) (1)					

