

# Pioneer

## Service Manual

AV Receiver

# VSX-330



VSX-330

ORDER NO.  
**ARP4002**

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
VSX-330-K	WMP	AC 220 V to 240 V	
VSX-330-K	WMA	AC 220 V to 240 V	
VSX-330-K	WMB	AC 220 V to 230 V	
VSX-330-K	WMR	AC 220 V to 230 V	



**PIONEER CORPORATION** 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

**PIONEER ELECTRONICS (USA) INC.** P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.

**PIONEER EUROPE NV** Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium

**PIONEER ELECTRONICS ASIACENTRE PTE. LTD.** 253 Alexandra Road, #04-01, Singapore 159936

© Onkyo & Pioneer Corporation 2015

# How to read suffix code of this model

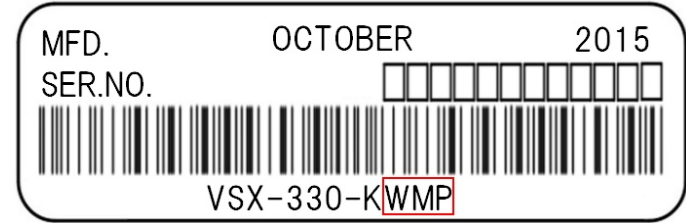
## Note for Suffix Code

The following is explanation for the suffix code of these models.

V S X - 3 3 0 - K W M P

Model No.

The suffix code of each model is mentioned in serial number label as per below.



### Production factory

- M Malaysia
- C China
- U Japan
- W Others

### Voltage

- D 120V AC
- G 220~230V
- H 220~230/240V
- J 100V AC
- M 220~240V AC
- P 230V AC
- U 100~240V AC
- V 110~240V
- W 120V/220~240V

### Speaker System (without AMP.) :

- 0 Passive Subwoofer
- F Front Speaker
- C Center Speaker
- R Rear Speaker
- B Back Speaker

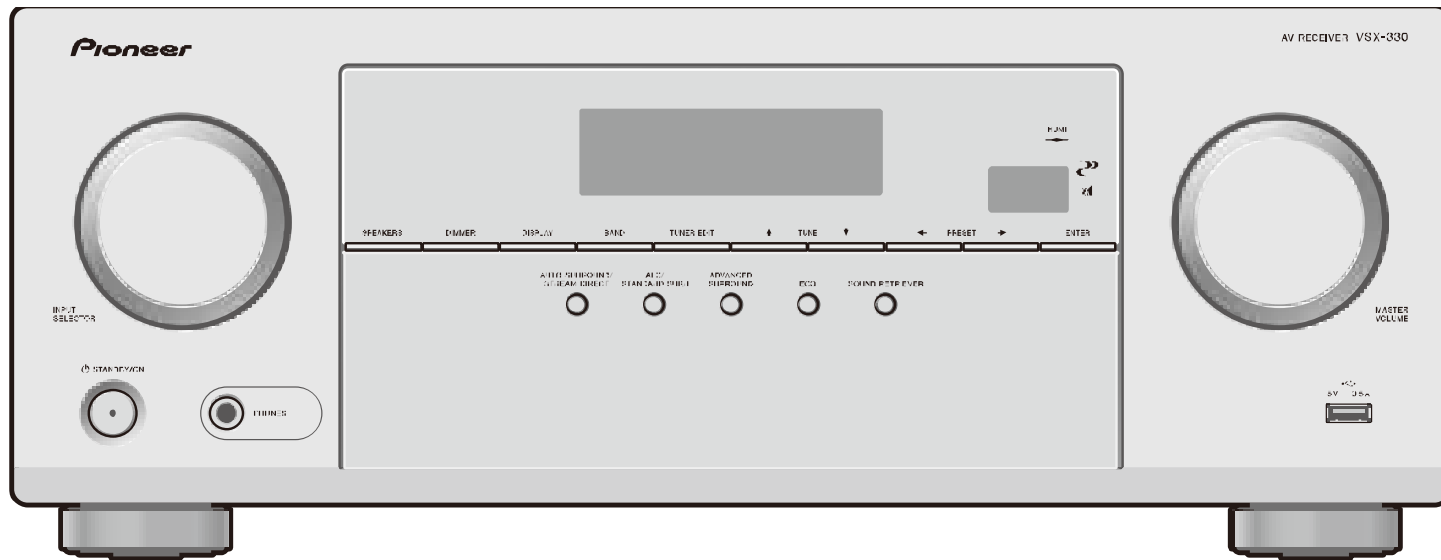
### Destination

- A Australia
- B United Kingdom
- C North American
- D USA
- F Taiwan
- J Japan
- K Korea
- L Russia
- P Europe
- Q Hong Kong
- R China
- S Brazil
- T Thai
- U Worldwide

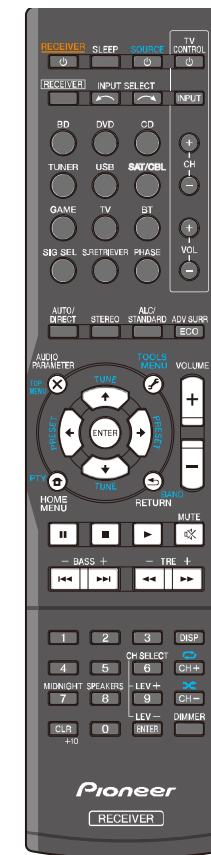
### Speaker System (without AMP.) :

- L Left channel
- R Right channel
- 0 Center channel

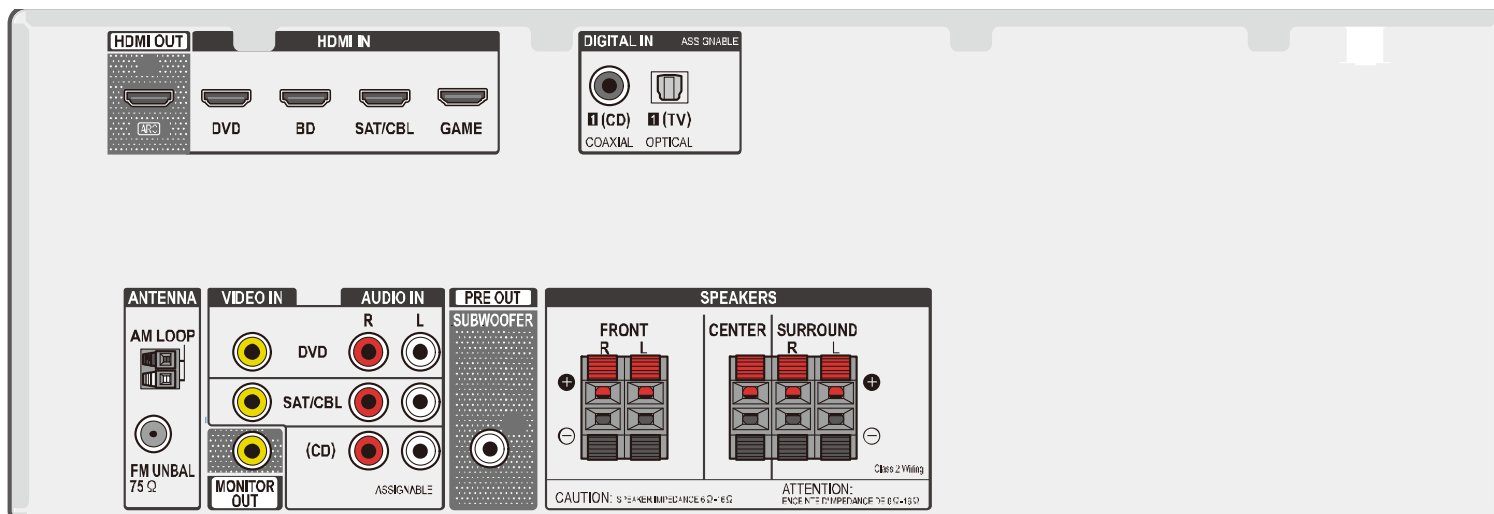
Front Panel



Remote Control Unit



Rear Panel



Furnished Parts

- Remote control . . . . . 1
- Dry cell batteries (AAA size IEC R03) . . . . . 2
- AM loop antenna . . . . . 1
- FM wire antenna . . . . . 1
- Quick start guide
- Safety Brochure

Dimensions . . . . . 435 mm (W) x 168 mm (H) x 326.5 mm (D)  
 Weight (without package) . . . . . 7.3 kg

# How to Reset the Unit

Reset

## Resetting the Main Unit

Use this procedure to reset all the receiver's settings to the factory default. Use the front panel controls to do this.

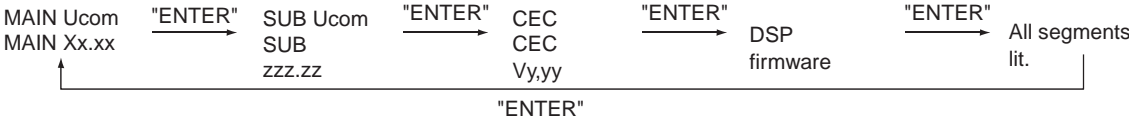
1. Switch the receiver into standby.
2. While holding down [BAND], press and hold [STANDBY/ON] for about two seconds.
3. When you see RESET? appear in the display, press [AUTO SURROUND/STREAM DIRECT]. OK? shows in the display.
4. Press [ALC/STANDARD SURR] to confirm.

**Check to the software virsion of MAIN, HDMI & CEC (SUB) microcomputers**

1. Make sure that the main unit is in STANDBY mode.

Press and hold about 3 seconds the both of " ENTER " and " STANDBY/ON " keys as same time,  
Then it is appeared firmware version number.

At this time, When you press the " ENTER "key to display each UCOM version, Each time the " ENTER "key is pressed, then indications on the FL display change as follows:



2. Turn the unit off.

**[Necessary Tools and Connections]**

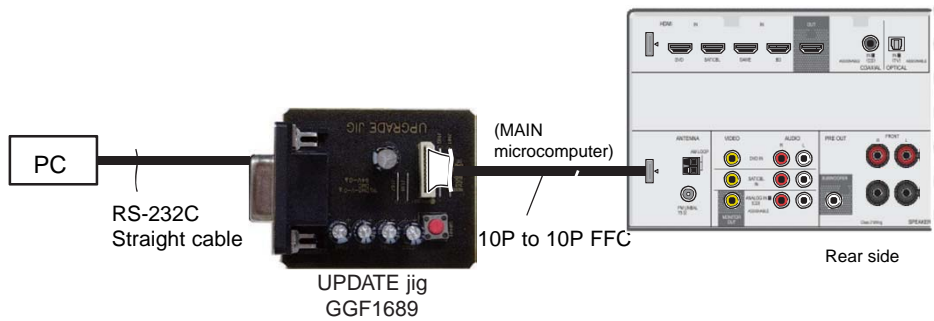
**1 MAIN microcomputer**

- PC with a serial port
- RS-232C cable (9-pin to 9-pin, straight cable) (Marketing product)
- UPDATE jig: GGF1689 (with 10P to 10P FFC)
- Firmware
- Firmware Writer Application for PC  
(Flash Programmer M16C Flash Starter M3A-0806 Software)

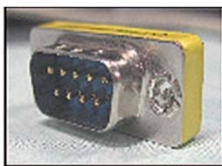
[http://am.renesas.com/products/tools/flash\\_prom\\_programming/flash\\_programmers/m3a\\_0806/downloads.jsp](http://am.renesas.com/products/tools/flash_prom_programming/flash_programmers/m3a_0806/downloads.jsp)

Connect as shown in the below figure and follow the procedure as below

1. Install the software for updating on the PC
2. Unplug the AC Cord of the main unit
3. Insert the FFC with its contact surface facing the " " mark.



Straight Cable



Adapter



JIG's side

**2 HDMI & CEC (SUB) microcomputer**

- PC with a USB port
- USB cable (Marketing product)
- UPDATE jig: GGF1689 (with 10P to 10P FFC)
- Firmware
- Firmware Writer Application for PC  
(Cypress/Spansion FLASH MCU Programmer for FM0+/FM3/FM4)

<http://www.spansion.com/support/microcontrollers/developmentenvironment/Pages/mcu-download.aspx>

Connect as shown in the below figure and follow the procedure as below

1. Install the software for updating on the PC.
2. Unplug the power cord of the main unit.  
Connect the FFC of the updating jig for updating to the main unit.  
(Orient the FFC so that the conductive surface of the connector faces the triangular a symbol.)



3. Start the software for updating on the PC.

No Necessary connect Main and HDMI&CEC at the same time When you update Main, you connect Main only.  
When you update HDMI&CEC, you connect HDMI&CEC only.

Microcomputers update

[Procedures]

for MAIN microcomputer

1. Unplug the AC cord.

Connect the FFC cable. ( MAIN microcomputer )

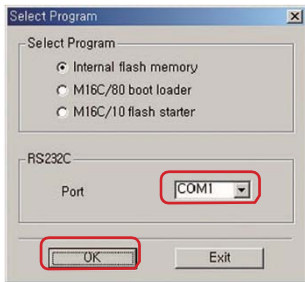
Start up application "FlashSta" on the PC.



2. Plug the AC cord. (STANDBY mode)

For updating of the MAIN microcomputer, proceed with the following steps in STANDBY mode.

3. Press the OK button.



Select for COM port.

Note:

You need COM port number on Windows system "My computer", "Right Click", "Properties", "Device manager" Click COM port properties and Make sure COM port number.

[ if the following messages are displayed ]

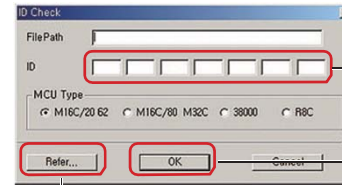


Please push the cancel button and press the JIG's RESET button.

And confirm a connection of FFC.

Please return to procedure 1.

4. Select the update file and enter ID.

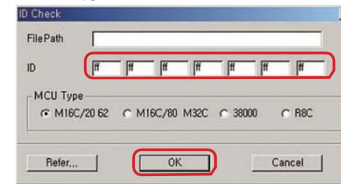


2. Enter ID. Enter "ff" in all field.

3 Press OK button to go to next step.

1 Selection of upgrade file

2 Enter ID.



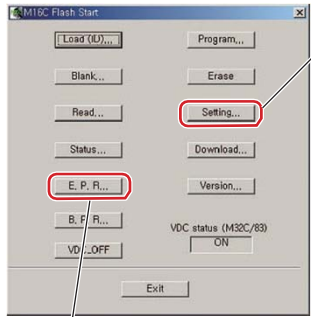
Press the OK button.



Press the OK

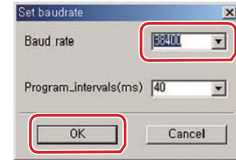
# How to Update (Main MCU) 2/5

5. Set speed update and update the MCU.



1 Set speed of update.

1 Set speed of update. Set Baud rate to 38400.



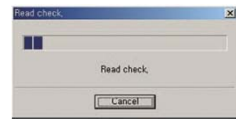
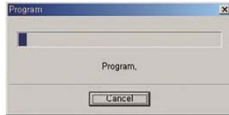
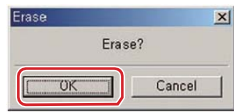
Press the OK button.

2 Update the MCU.

E.P.R=>Erase+Program+Read

2 Update the MCU

Press the E.P.R ... button

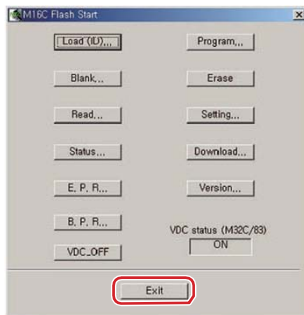


Click on "Open" 3 to open the File Selection window.  
Select Intel Hex files (\*.hex) in File Type.

6. Update Finished MAIN microcomputer.



Press the OK button.

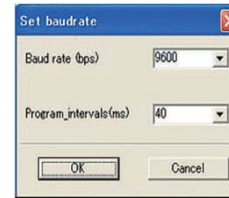


Press the Exit button.  
Please wait for until this window disappears.

If the following messages are displayed, shut the update program down, and start the update again from step 1.



Push the JIG's RESET button during 1 sec.  
Press the OK button.



Select the 9600 of the Board rate then press the OK button



7. Unplug the AC cord.  
Disconnect the FFC cable.



for HDMI & CEC (SUB) microcomputer

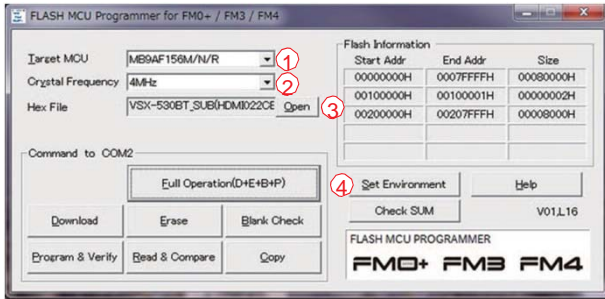
[Procedures]

To perform updating, proceed as follows:

- 1. Set the values for Target MCU and Crystal Frequency, as follows:

Target MCU: MB9AF156M/N/R 1

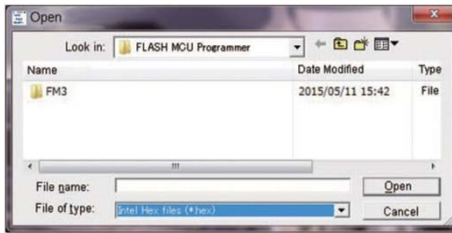
Crystal Frequency: 4MHz 2



- 2. Specify the software file to be updated.

Click on "Open" 3 to open the File Selection window.

Select Intel Hex files (\*.hex) in File Type

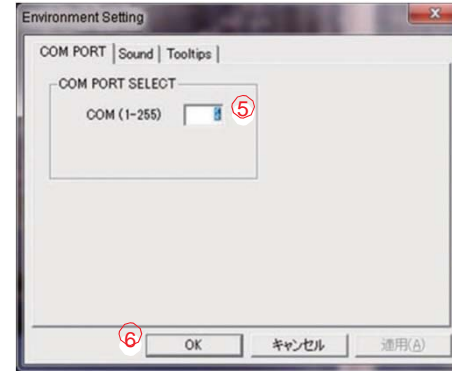


- 3. Specify the COM PORT.

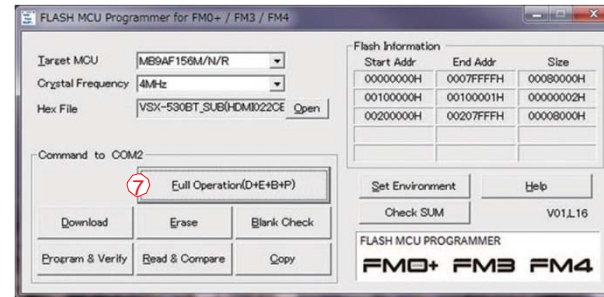
Click on "Set Environment" 4 to open the Environment Setting window.

Assign the COM PORT number 5, according to the environment.

Click on "OK" 6 to close the Environment Setting window.



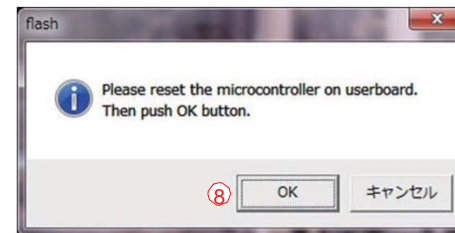
Click on "Full Operation (D+E+B+P)" 7.



- 5. After the window shown below is displayed, turn the main unit on.

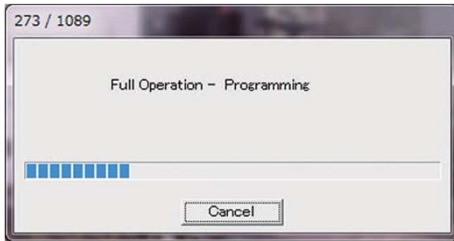
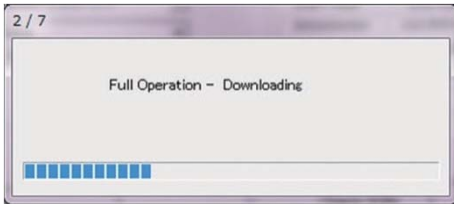
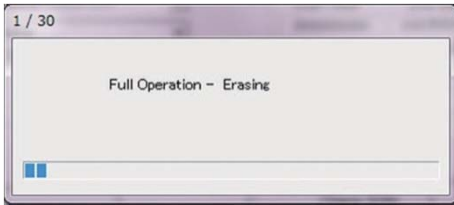
- 6. Press the Reset button of the updating jig for updating.

- 7. When it is appeared below window, Then power turn on unit (ON)

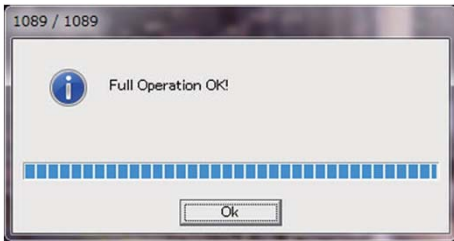


- 8. Click on "OK" 8.

9. The indications in the window change, as indicated below:

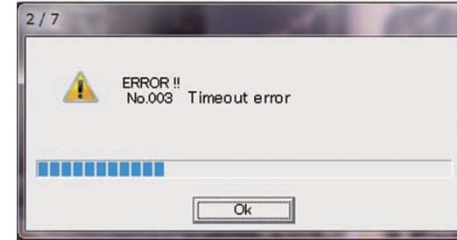


10. Updating has been successfully completed if "Full Operation OK!" is displayed.



**Note:**

If an error message like the one shown below is displayed, after checking the connection of the updating jig for updating and the COM PORT setting, start updating again from Step 1.



Or You have to make sure that It is necessary to turn on the unit at procedure 7

11. Turn the main unit off then disconnect the updating jig for updating.

12. Perform Factory Reset on the main unit.

**DSP firmware update**

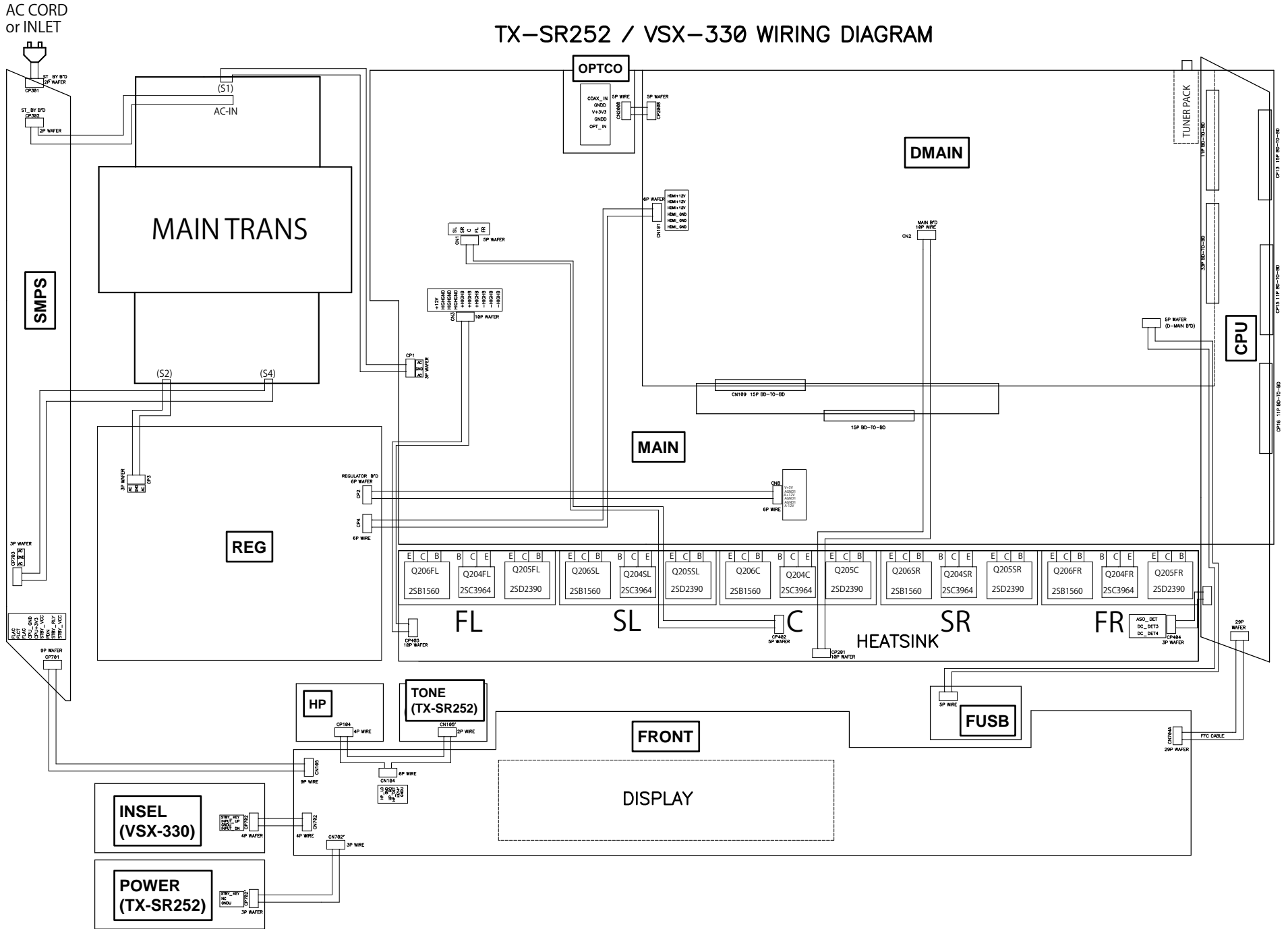
**[Procedures]**

1. Select TV function, and, with Signal select as OPTICAL1 then set the unit to STBY\_Off mode.
2. Press the SPEAKERS and STANDBY/ON keys simultaneously to enter DSP UpDate mode.  
("DSP UP" is displayed.)
3. When "PLAY" is displayed, playback of the .wav file starts. (Play the file only once.  
NEVER repeat playback.) ("PLAY" is displayed.)
4. After playback is finished and "ENTER" is displayed, press the ENTER key on the front panel.  
("ENTER" is displayed.)
5. "WRITING" is automatically displayed.
6. After writing is completed, "COMPLETE" is displayed.
7. Turn the unit off then confirm that the version has been updated.

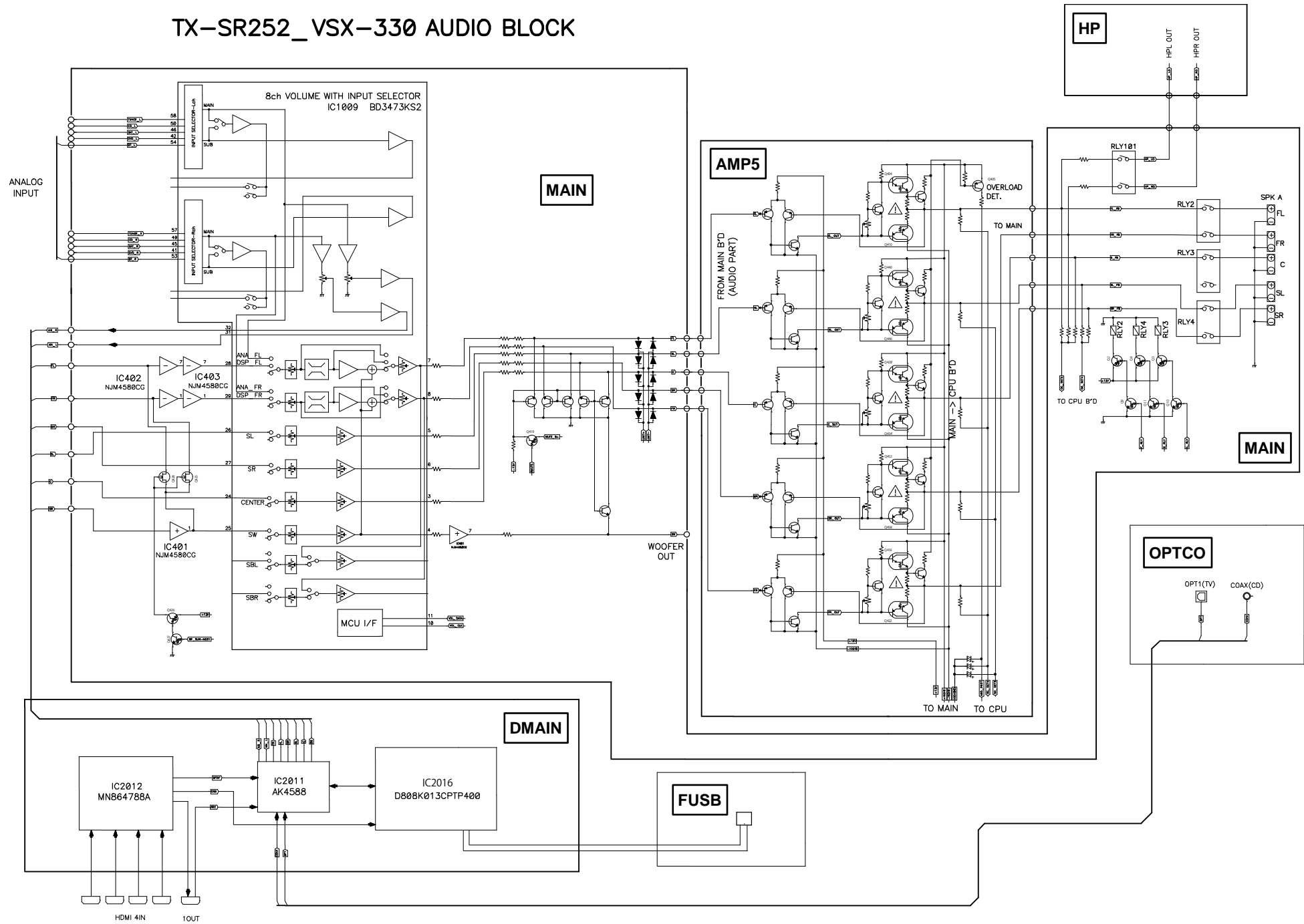
# OVERALL WIRING DIAGRAM

# Schematic Diagram

## TX-SR252 / VSX-330 WIRING DIAGRAM



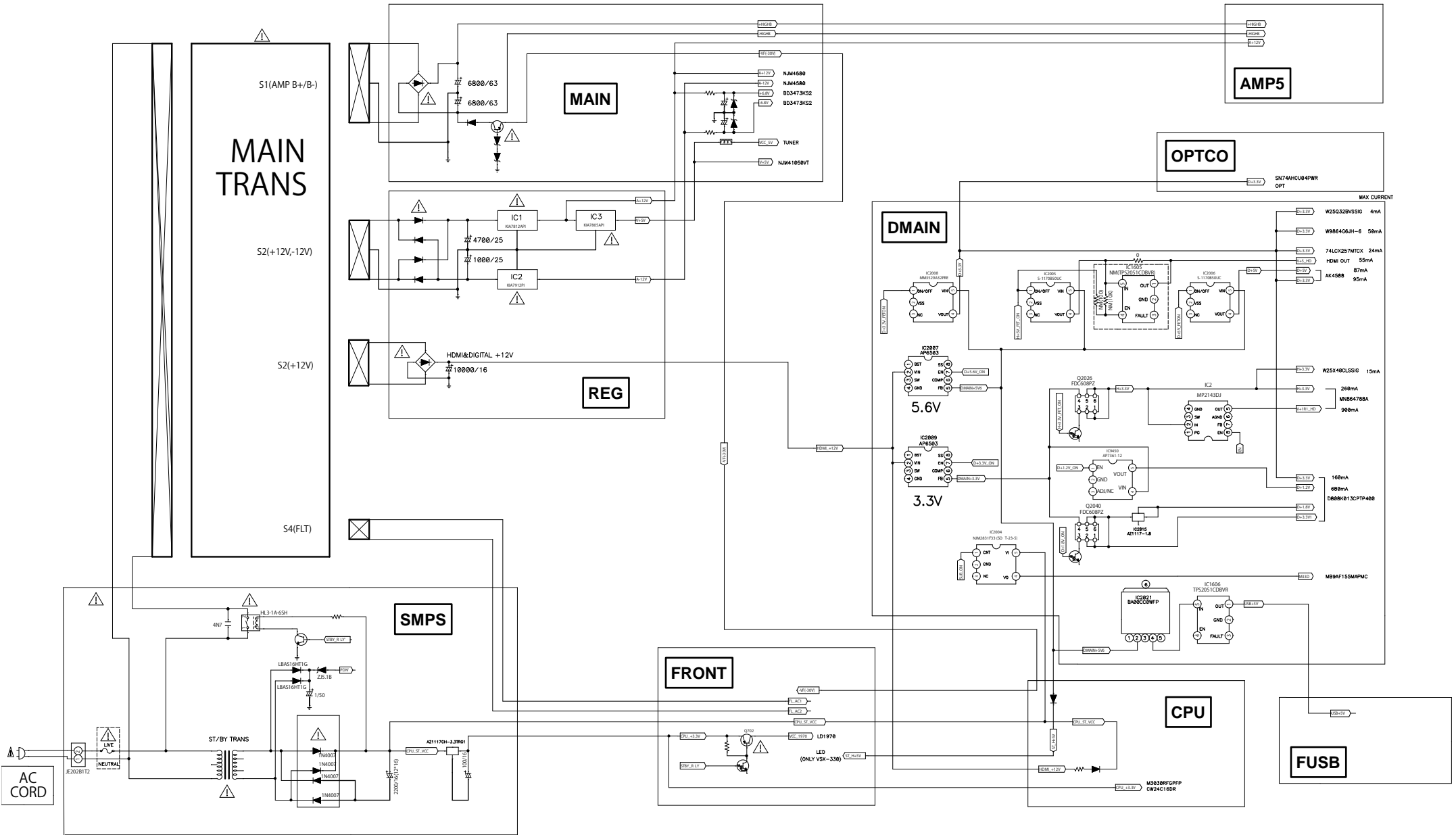
TX-SR252\_VSX-330 AUDIO BLOCK



# POWER SUPPLY BLOCK DIAGRAM

# Schematic Diagram

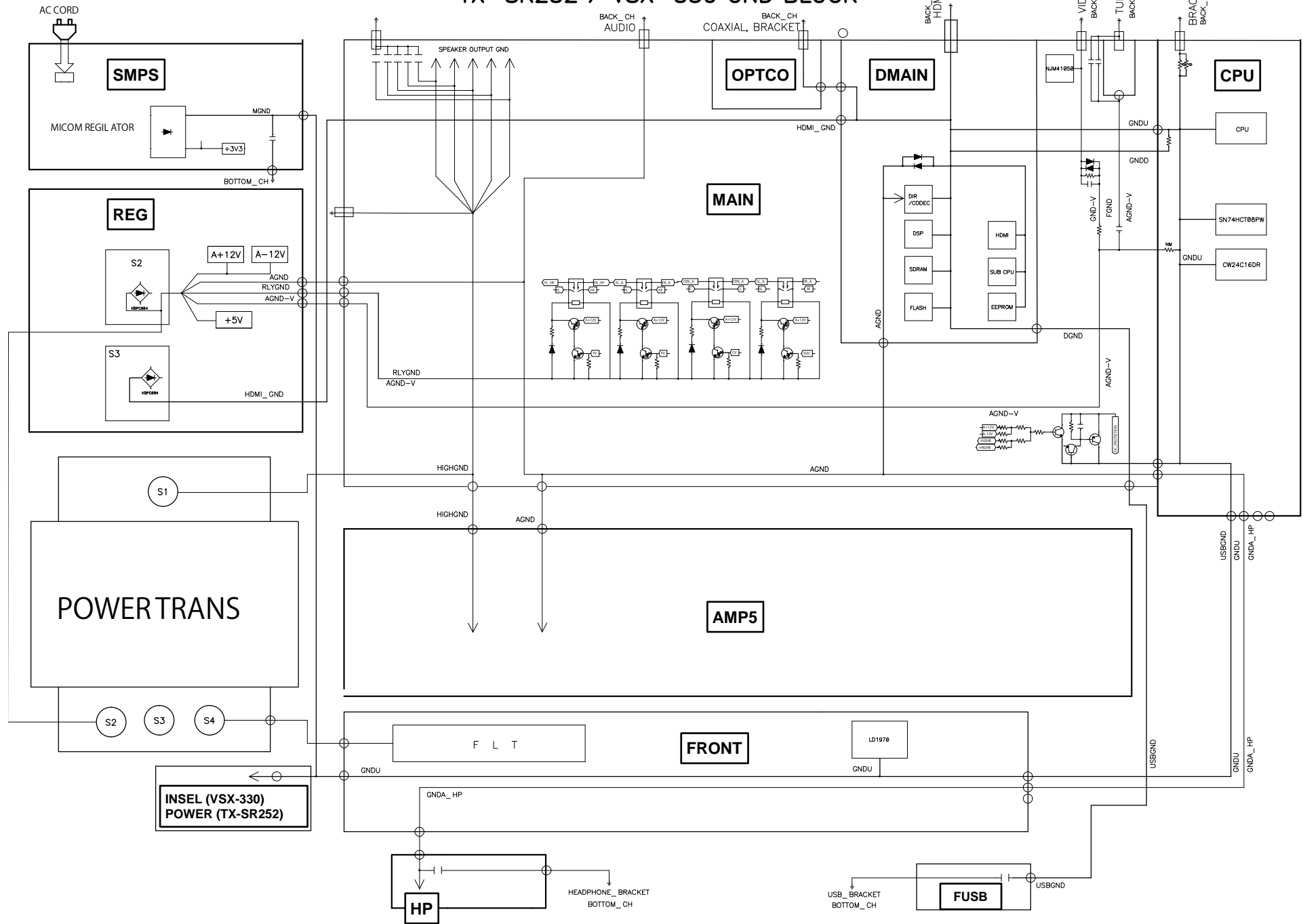
## TX-SR252 / VSX-330 VCC BLOCK



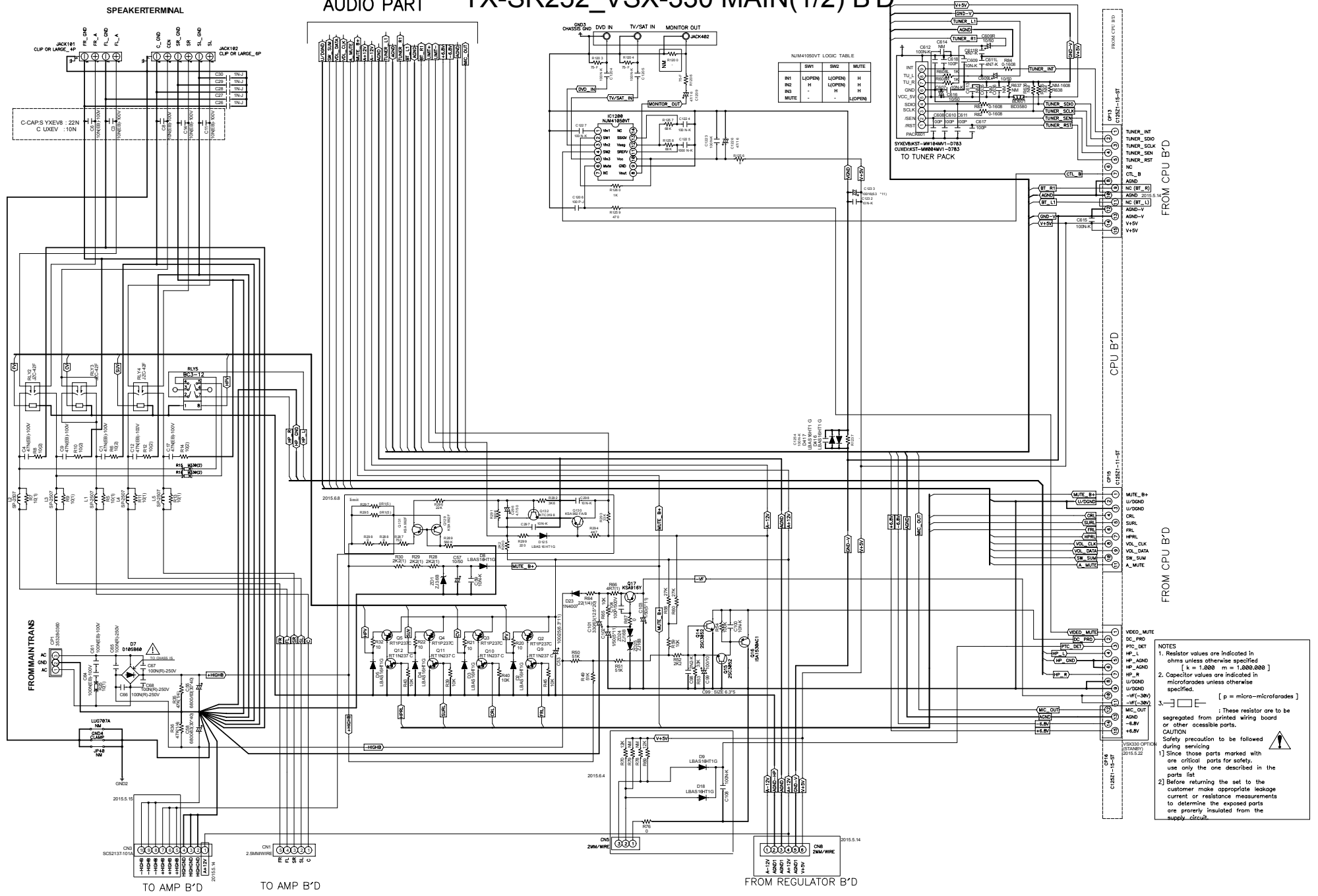
# GND BLOCK DIAGRAM

# Schematic Diagram

## TX-SR252 / VSX-330 GND BLOCK



AUDIO PART TX-SR252\_VSX-330 MAIN(1/2) B'D



NIM41050VT LOGIC TABLE

SW1	SW2	MUTE
IN1	LOPEN	H
IN2	H	H
IN3	H	H
MUTE	.	LOPEN

**NOTES**

- Resistor values are indicated in ohms unless otherwise specified. [k = 1,000 m = 1,000,000]
- Capacitor values are indicated in microfarads unless otherwise specified. [p = micro-microfarads]

segregated from printed wiring board or other accessible parts.

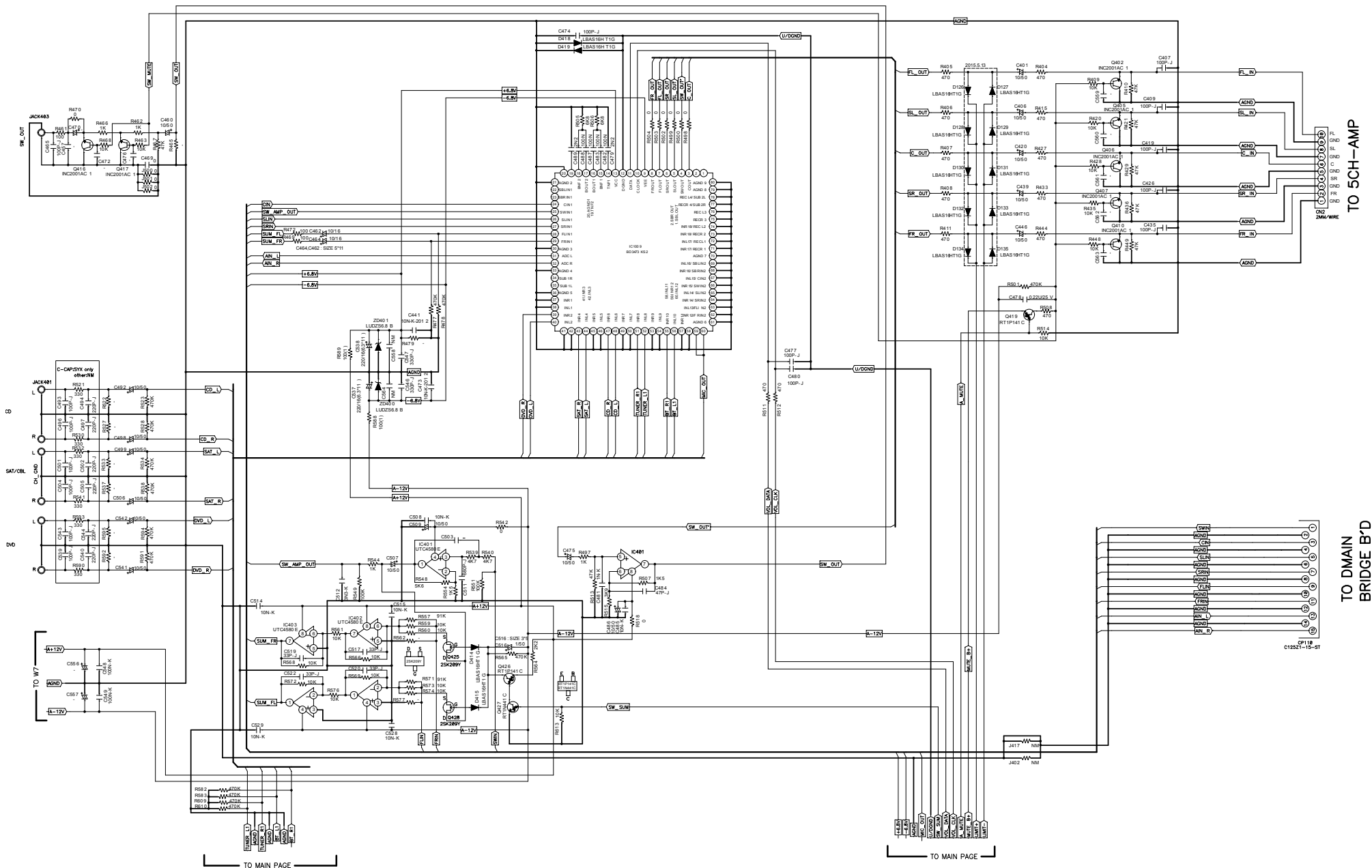
**CAUTION**  
Safety precaution to be followed during servicing

- Since those parts marked with are critical parts for safety, use only the one described in the parts list
- Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.



TX-SR252\_VSX-330 MAIN(2/2) B'D(AUDIO PART)

The  $\triangle$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation

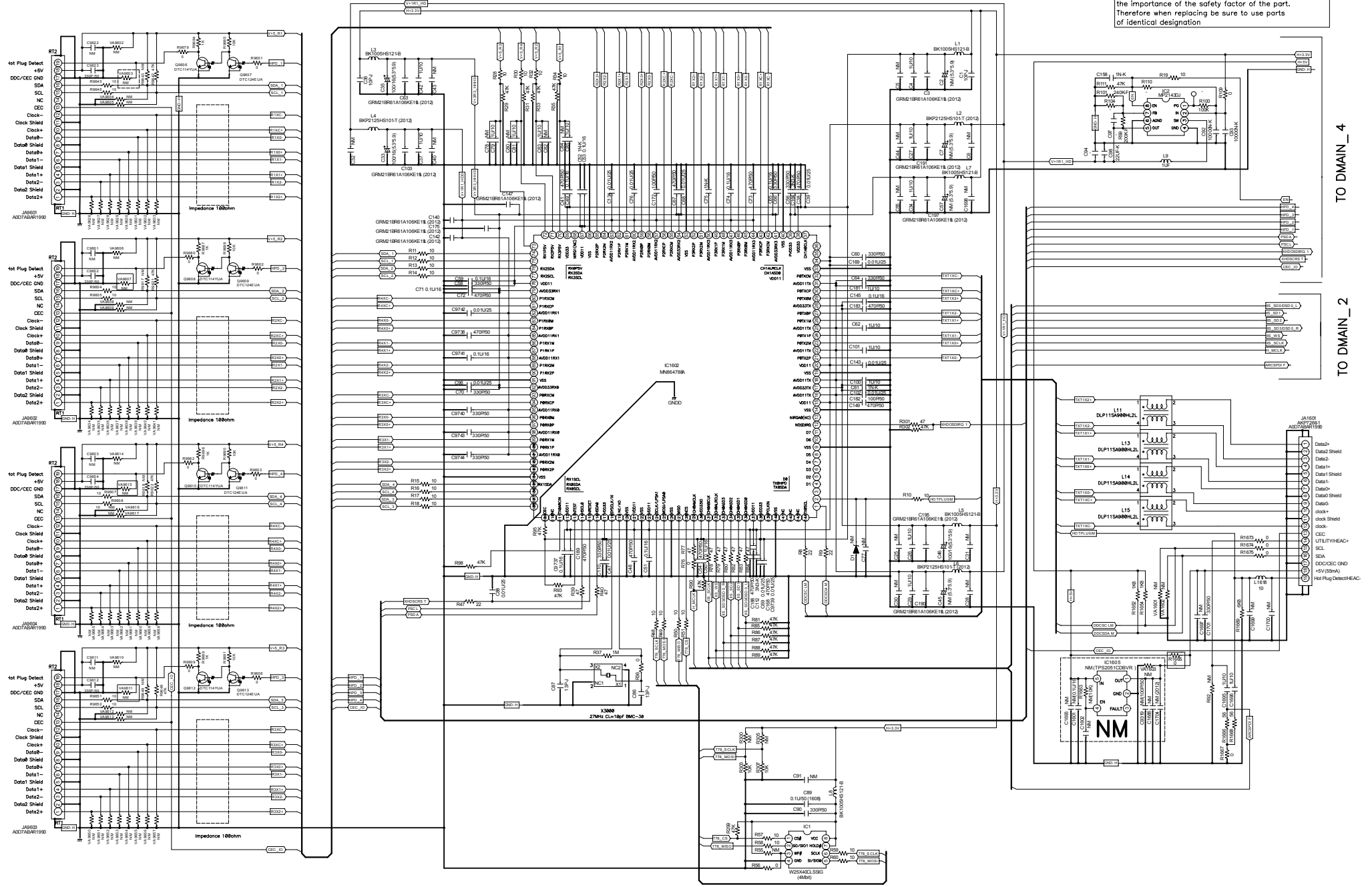


D  
C  
B  
A

D  
C  
B  
A

TX-SR252 / VSX-330 DMAIN 1

The mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation



TO DMAIN\_4

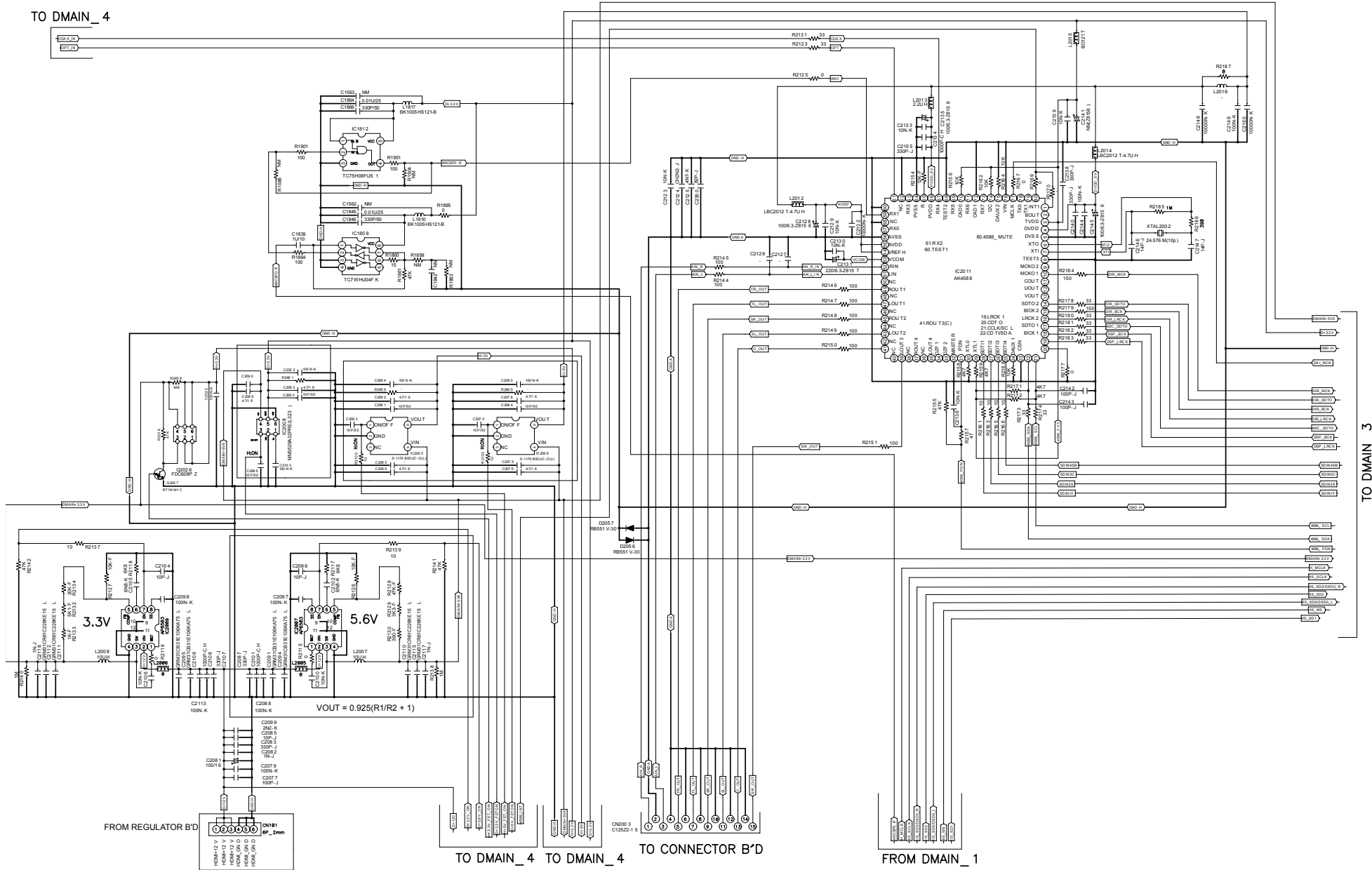
TO DMAIN\_2

TO DMAIN\_3

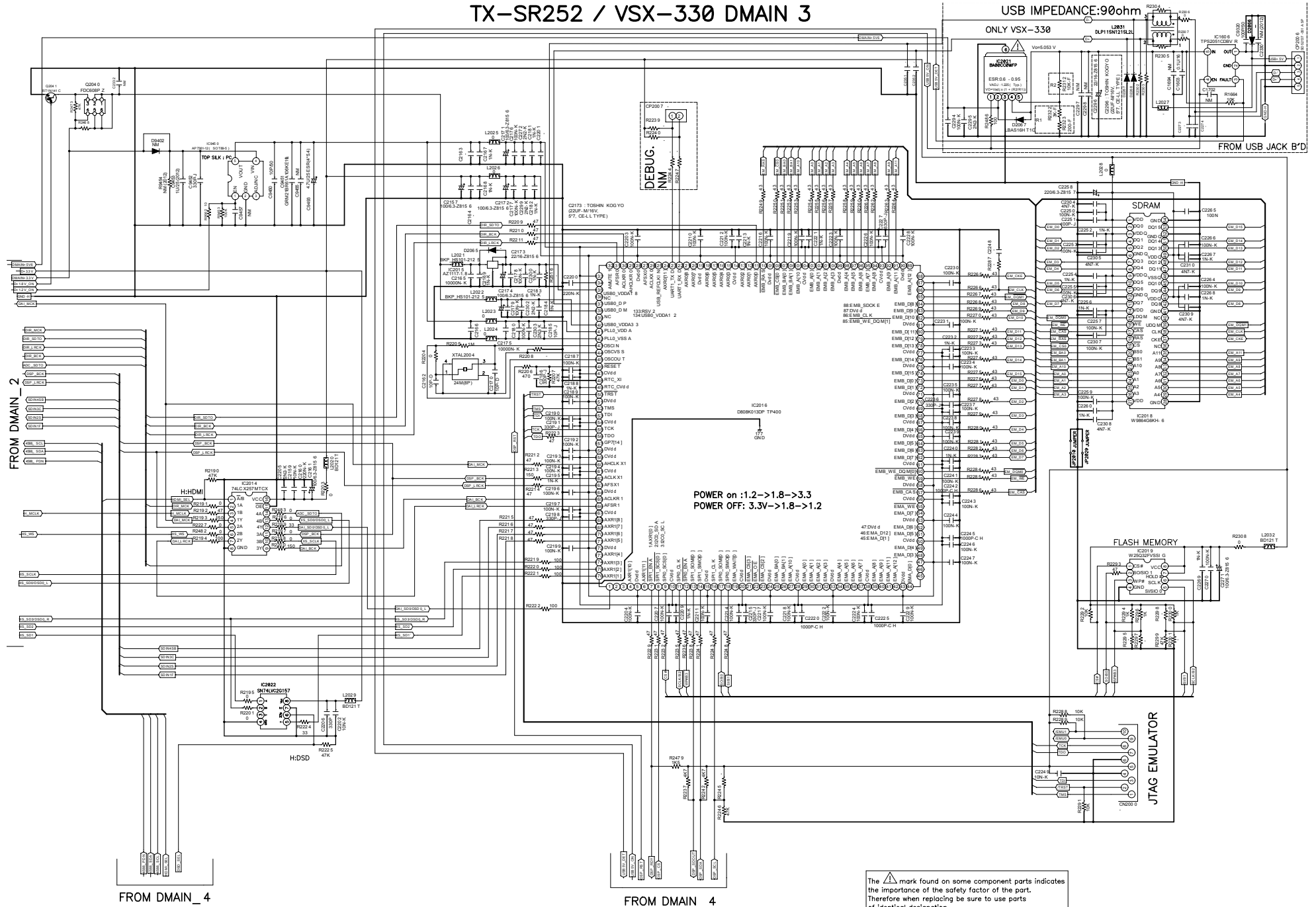
TO DMAIN\_1

TX-SR252 / VSX-330 DMAIN 2

The mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation



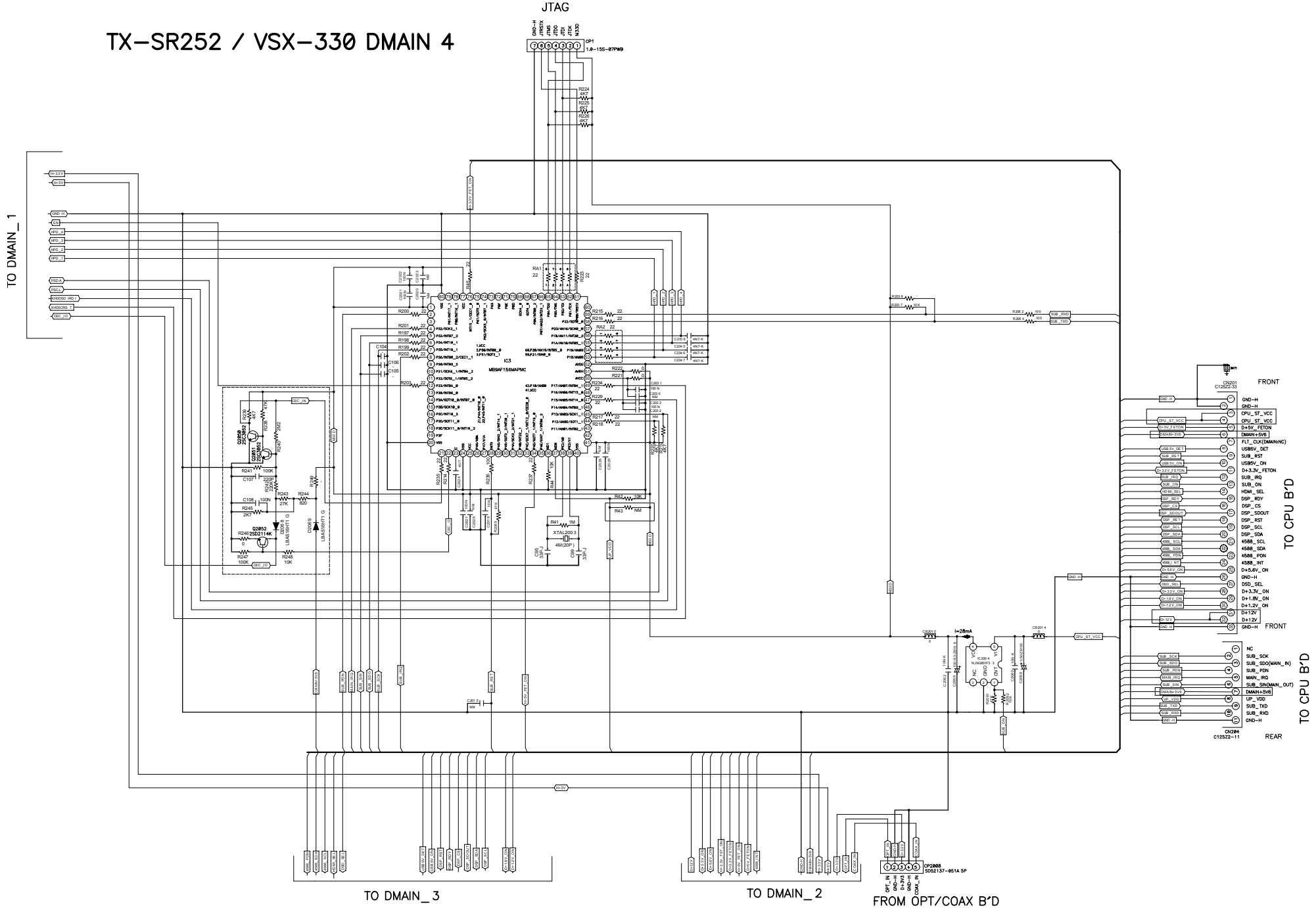
TX-SR252 / VSX-330 DMAIN 3



The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation

TX-SR252 / VSX-330 DMAIN 4

JTAG



TO DMAIN\_3

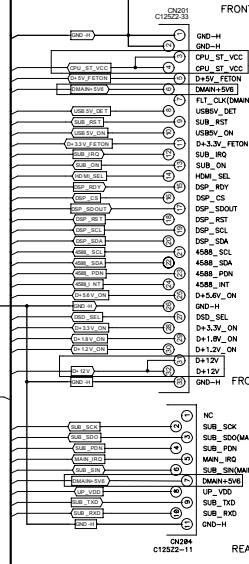
TO DMAIN\_2

FROM OPT/COAX B'D

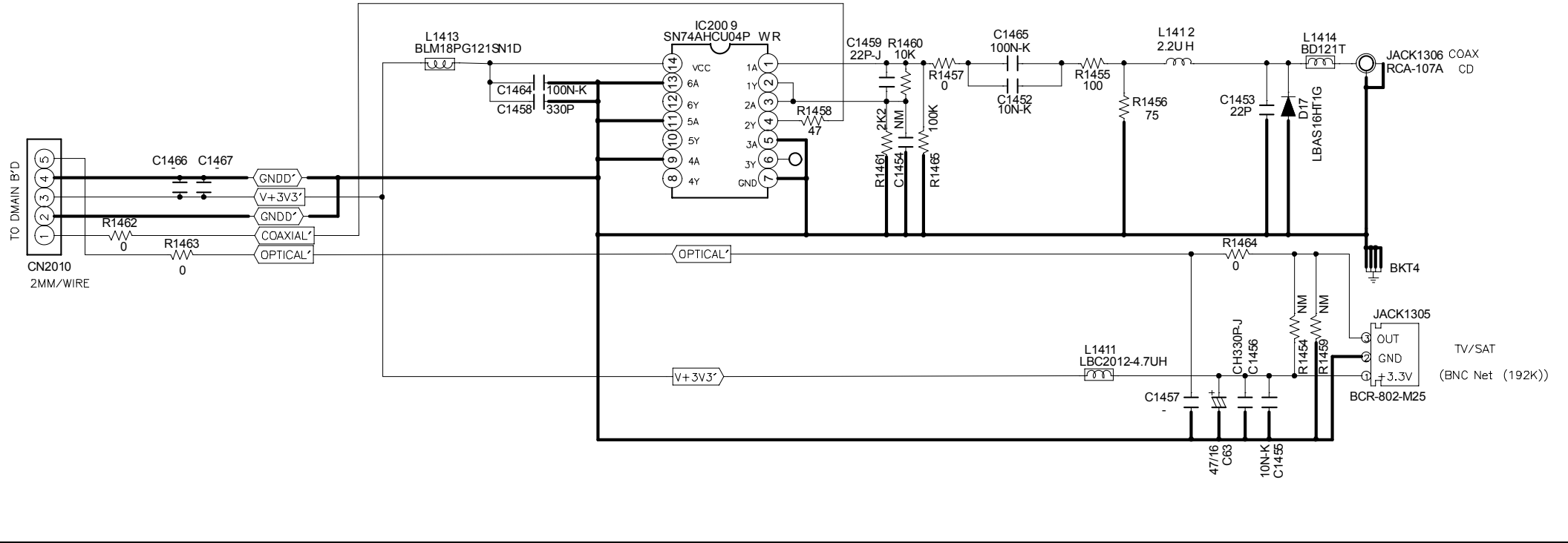
TO CPU B'D

TO CPU B'D

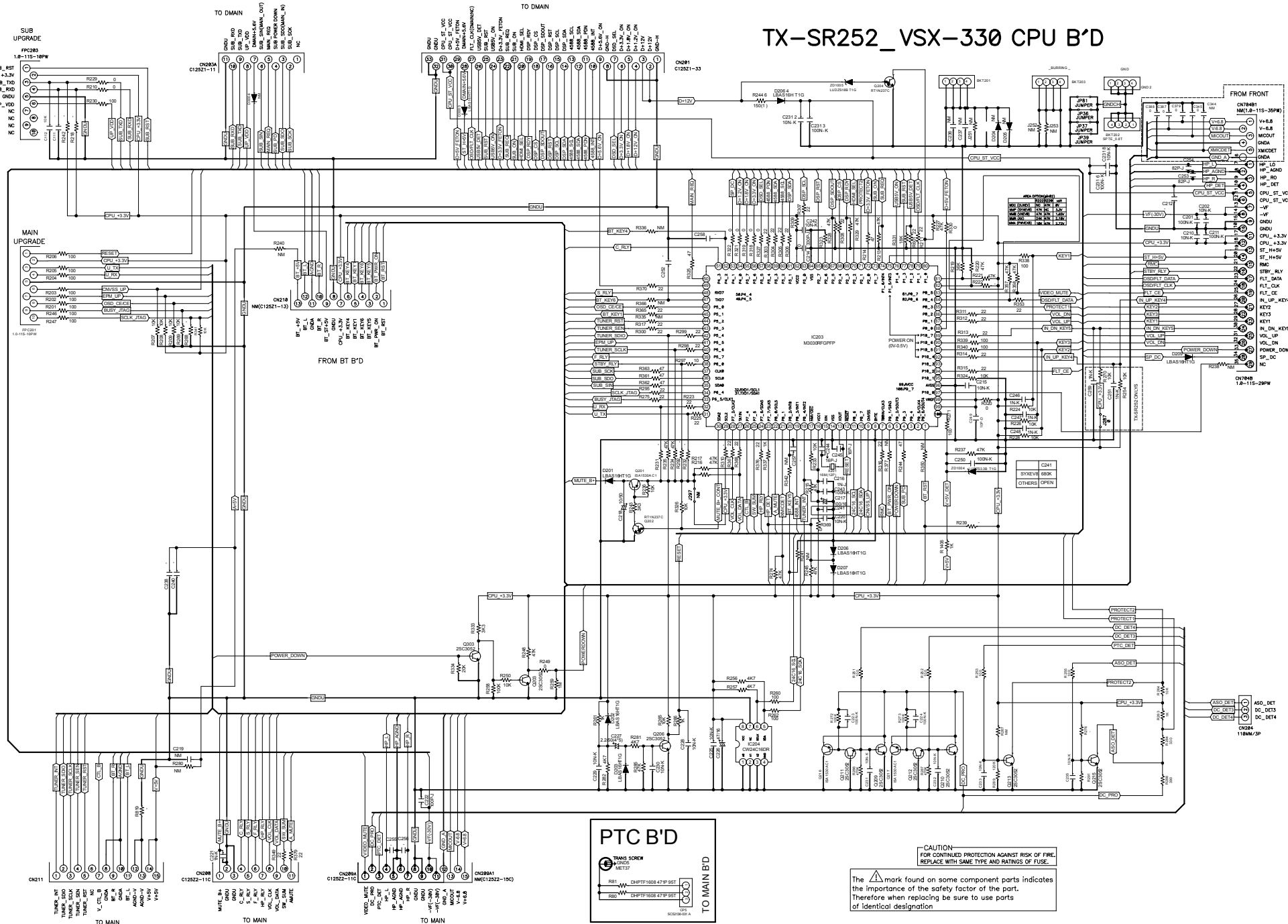
REAR



# TX-SR252\_VSX-330 OPT/COAX B'D



TX-SR252\_VSX-330 CPU B'D



**PTC B'D**

TRANS SCREW  
MET37

R81 DMPFT1608 47P 951  
R82 DMPFT1608 47P 951  
SC019000-A

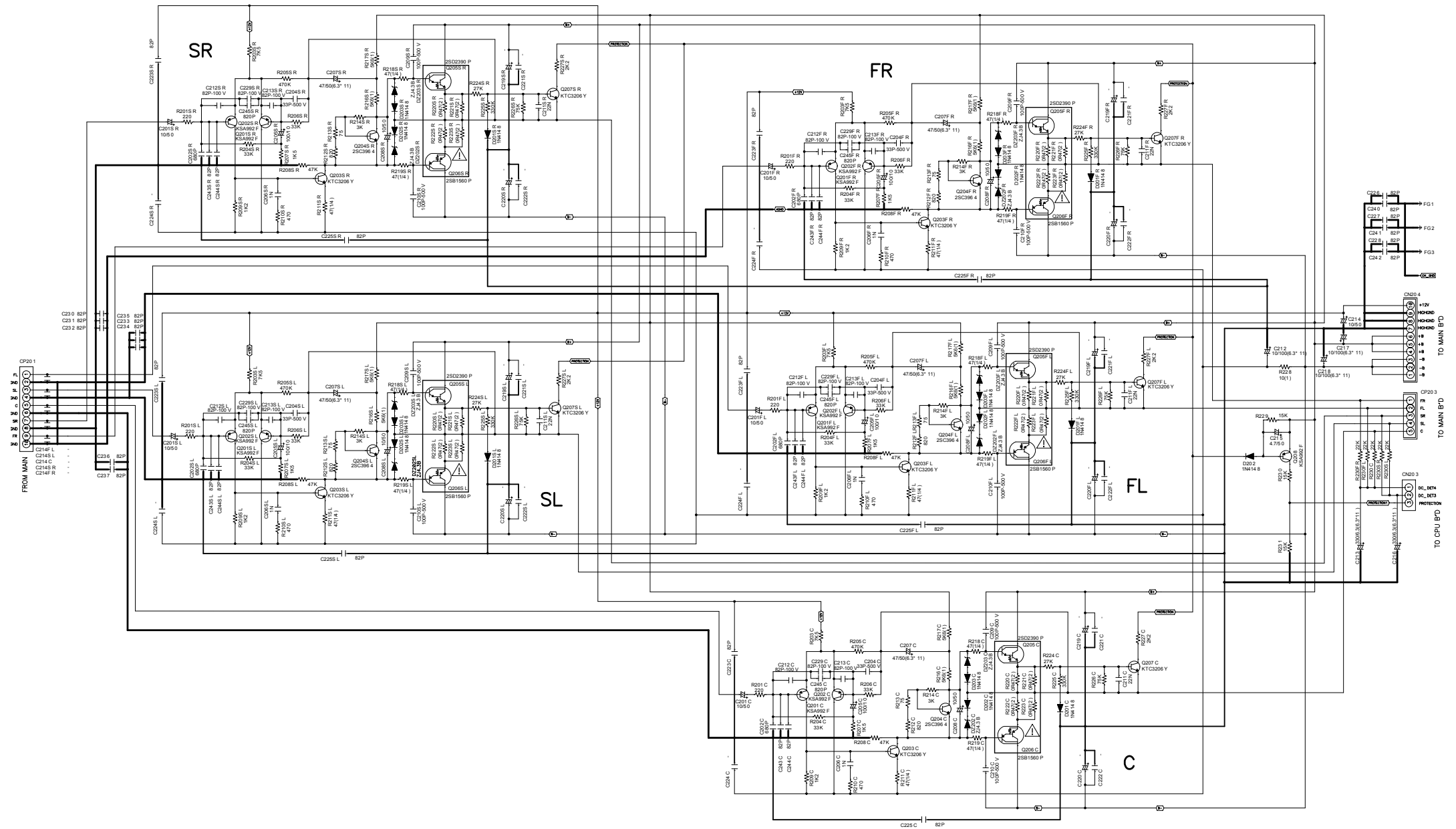
TO MAIN B'D

**CAUTION**  
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,  
REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation

TX-SR252\_VSX-330 5CHAMP B'D

The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation



D

C

B

A

D

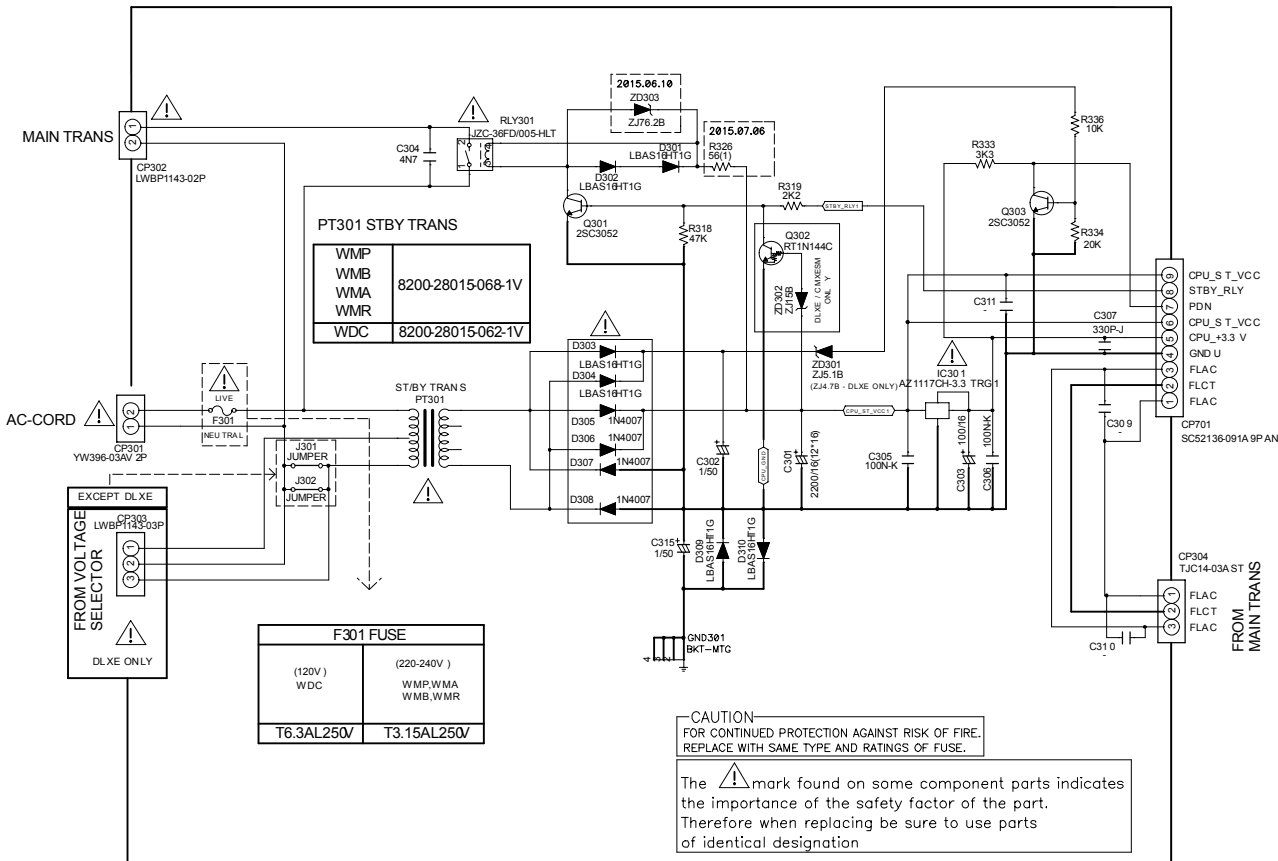
C

B

A



# TX-SR252\_VSX-330 ST\_BY B'D



**NOTES**

1. Resistor values are indicated in ohms unless otherwise specified  
[ k = 1,000 m = 1,000,000 ]
2. Capacitor values are indicated in microfarads unless otherwise specified.  
[ p = micro-microfarades ]
3. : These resistor are to be segregated from printed wiring board or other accessible parts.

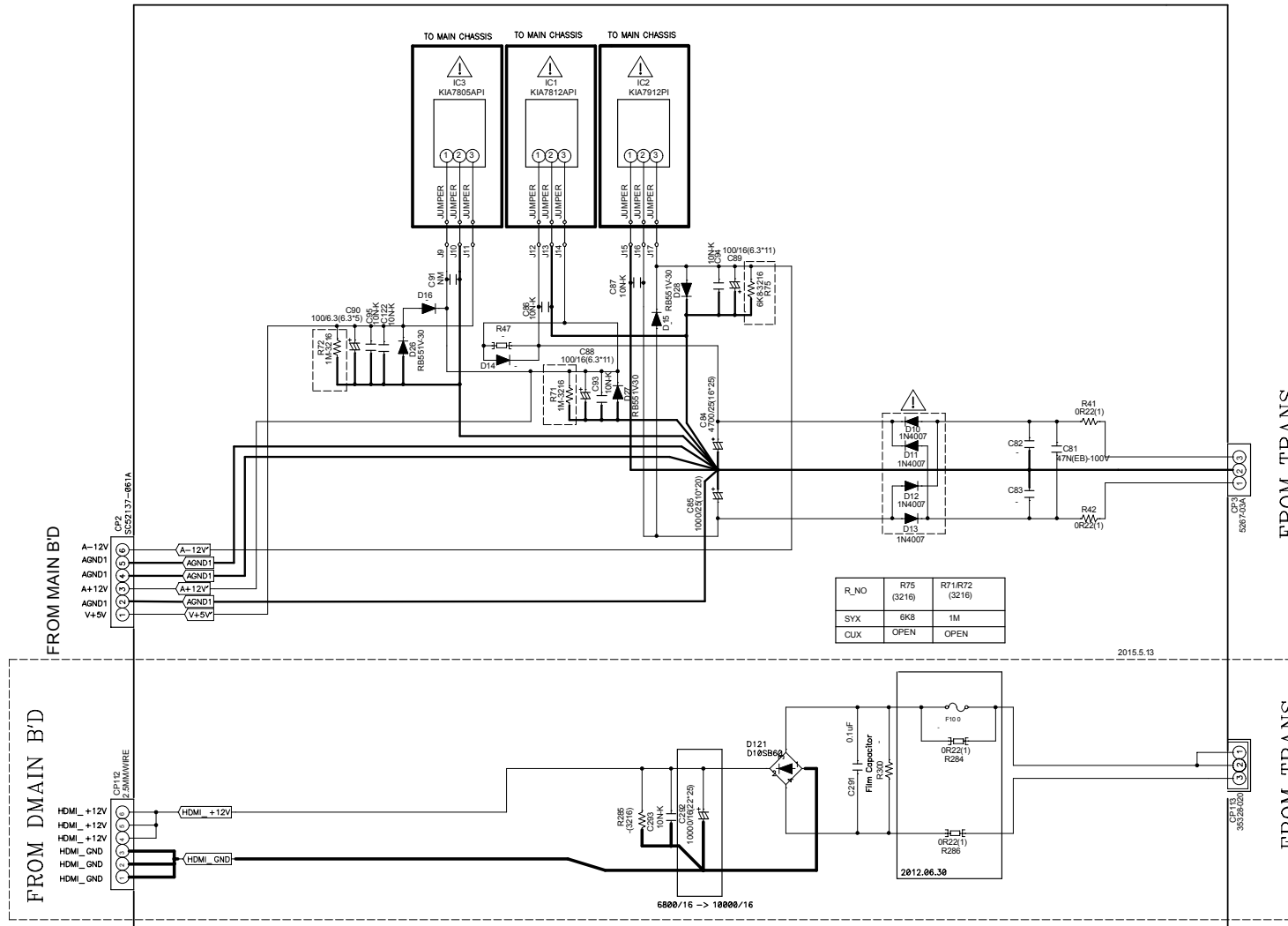
**CAUTION**  
Safety precaution to be followed during servicing


- 1] Since those parts marked with are critical parts for safety, use only the one described in the parts list
- 2] Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

**CAUTION**  
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,  
REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

The mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation

TX-SR252\_VSX-330 REGULATOR B'D




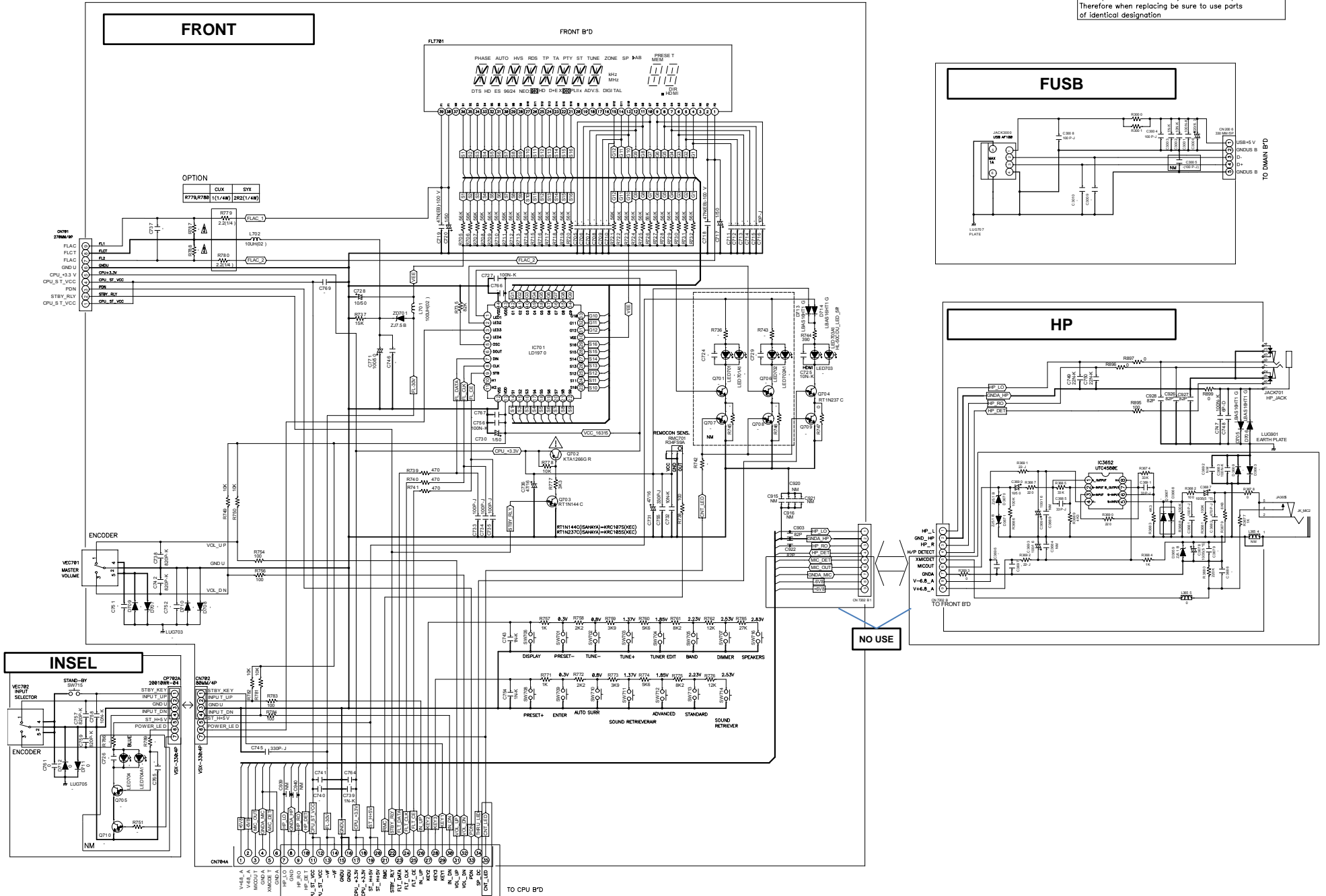
- NOTES
- Resistor values are indicated in ohms unless otherwise specified  
[ k = 1.000 m = 1.000.000 ]
  - Capacitor values are indicated in microfarades unless otherwise specified.  
[ p = micro-microfarades ]
  -  : These resistor are to be segregated from printed wiring board or other accessible parts.  
CAUTION  
Safety precaution to be followed during servicing  
1] Since those parts marked with are critical parts for safety, use only the one described in the parts list  
2] Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.



# FRONT, INSEL, FUSB and HP ASSYS (VSX-330)

# Schematic Diagram

The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore when replacing be sure to use parts of identical designation.



**FRONT**

FRONT B'D

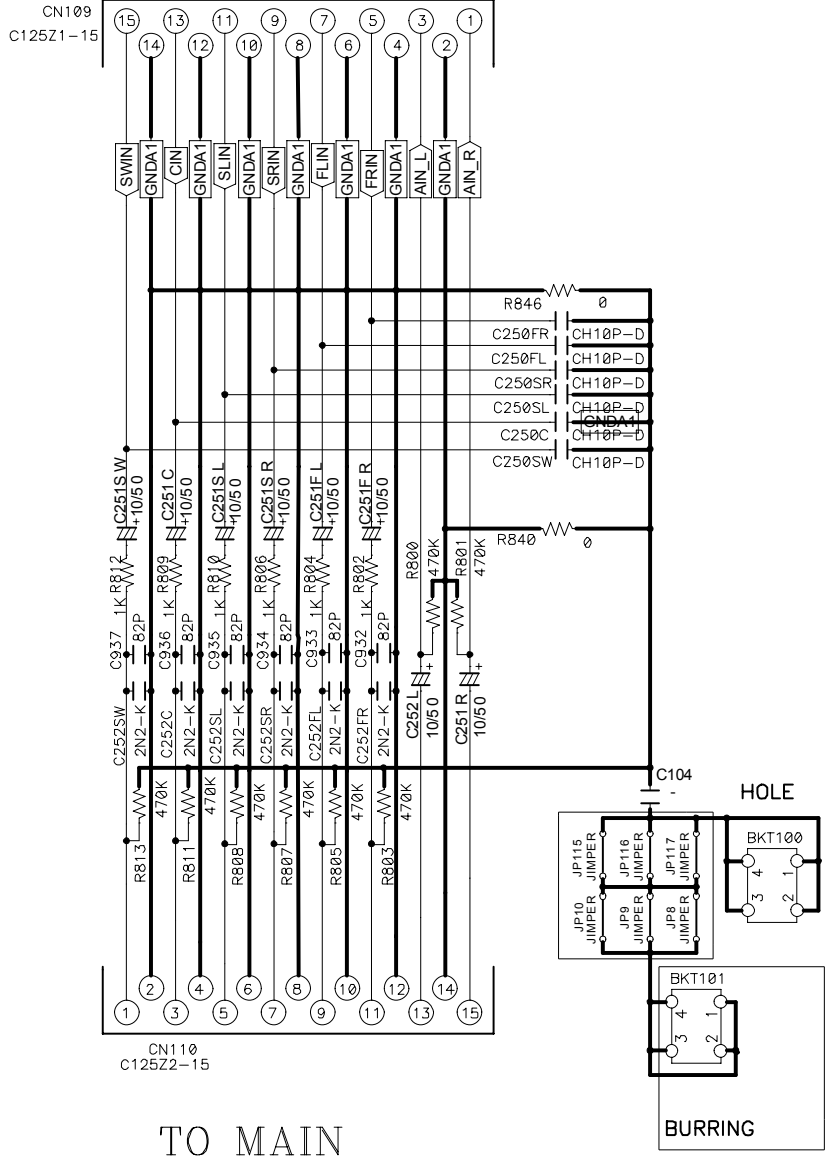
**FUSB**

**HP**

**INSEL**

**NO USE**

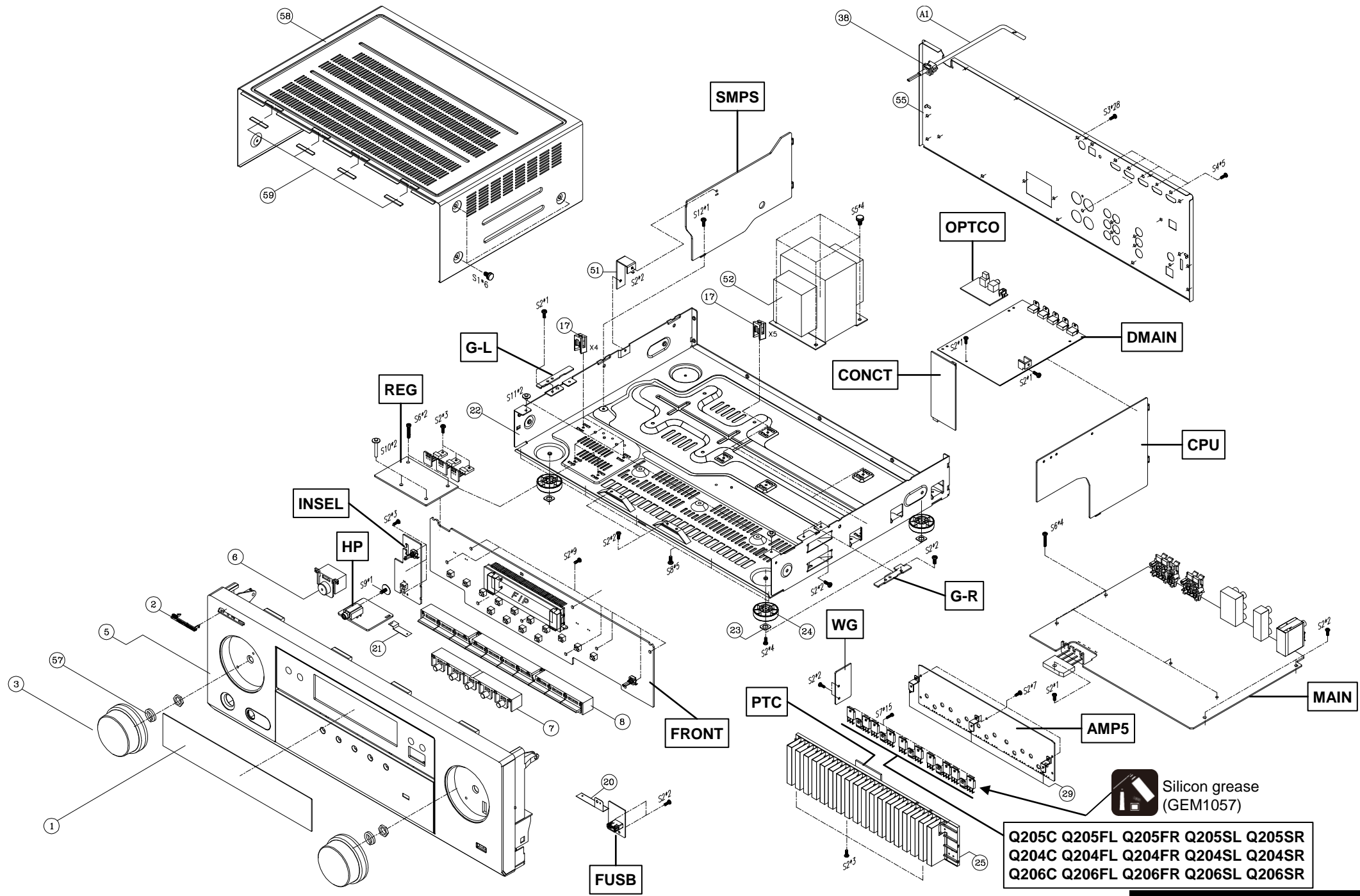
DMAIN CONNECTOR B'D TO DMAIN



TO MAIN

# Overview

# Exploded View

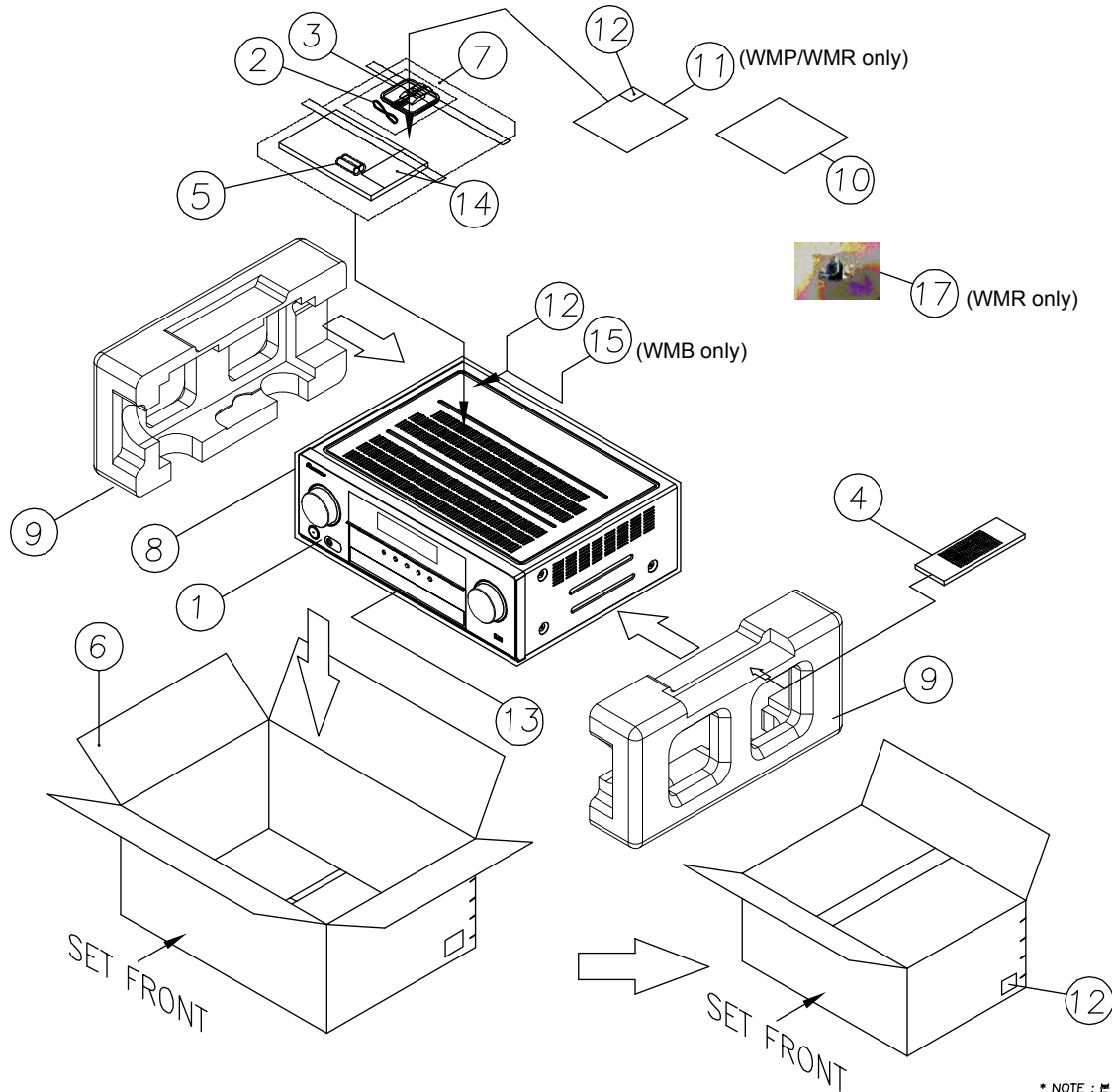


- Q205C Q205FL Q205FR Q205SL Q205SR
- Q204C Q204FL Q204FR Q204SL Q204SR
- Q206C Q206FL Q206FR Q206SL Q206SR

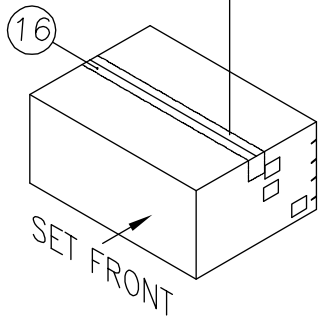
Silicon grease (GEM1057)

# Packing Section

# Exploded View

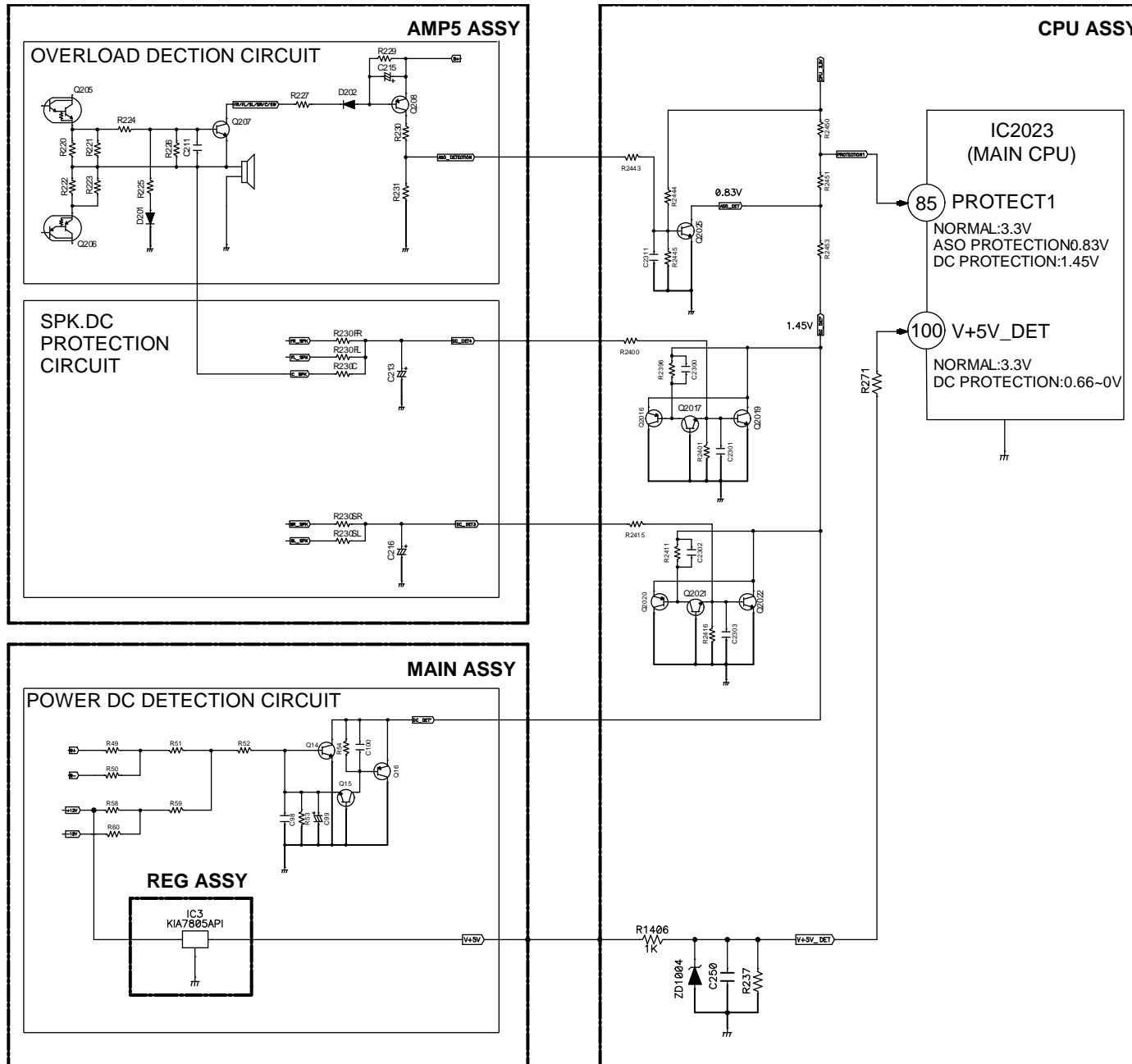


1.The upper parts of packing box should be taped single, the bottom parts should be less than double.  
 2.The allowable margin of error for double tapping should be less than 10mm.  
 3.In case of repacking for box tapped double,remove tape by using hair-dryer or change packing box for new one.



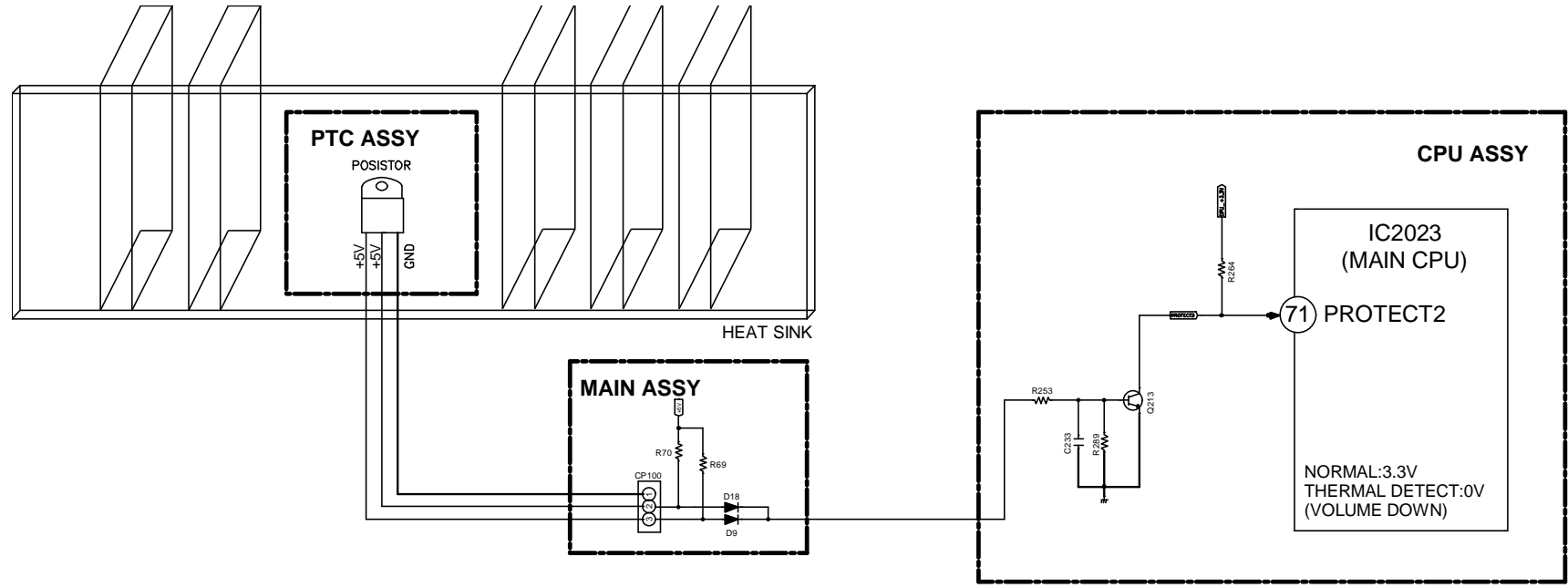
* POLY BAG PACKING STYLE	* BOX BOTTOM TAPE-( O )	* BOX BOTTOM CLIP-( X )

\* NOTE : 본 도면은 기구 및 외부 부품의 포장 사양에 한하며 LABEL 및 기타 외장사양은 의장 인쇄 시방서에 준해서 마련 할것.  
 \* NOTE : This drawing is limited the mechanism, accessory packing specification. Conformed to the limit design specifications. (label, etc.)



# TEMP Detection Circuit

# Protection Circuit





# [1] Display mode for numbers of protection detections

**[Purpose]**  
The numbers of detections for various protection processes are displayed.

**[How to enter/exit]**  
During Standby mode, simultaneously press and hold the [PRESET ←] and [STANDBY/ON] keys for 2 seconds to enter this mode.  
The display will return to the normal indication when no key operation is performed for 5 seconds.

**[Basic operations]**

Key Operation	FL Display	Time (sec.)	Description of Indications
(STANDBY state)			
[PRESET ←] + [STANDBY/ON] keys (Initial display)		5 (-> normal) *1	Number of DC error detections
[ENTER] key		5 (-> normal) *1	Number of abnormal-temperature error detections
[ENTER] key		5 (-> normal) *1	Number of abnormal-temperature error detections
[ENTER] key (Initial display)		5 (-> normal) *1	Number of OVERLOAD error detections

\*1 "5 (-> normal)" denotes that the display will return to the normal indication when no key operation is performed for 5 seconds.  
\*2 Variable range: 0 to 255

The above-mentioned Display mode is available only when the product operates properly.

If any protection function is activated while the product is in use, the product cannot be turned ON and enter the above Display mode. In such a case, cancel the protection function, referring to "[3] 3.4 How to cancel the status after detection of the DC error." If a protection function is activated immediately after the previous protection function is canceled, cancel that protection function again then enter STBY mode immediately. You can then see the error logs, following the above procedures, until a next protection function is activated.

## [2] Reset mode for numbers of protection detections

**[Purpose]**  
 For clearing all the counts of protection detections.  
 (This mode resets the counts of protection detections.)

**[How to enter/exit]**  
 During Standby mode, simultaneously press and hold the [ALC/STANDARD SURR] and [STANDBY/ON] keys for 10 seconds to enter this mode.  
 The display will return to the normal indication when no key operation is performed for 5 seconds.

**[Basic operations]**

Key Operation	FL Display	Time (sec.)	Description of Indications
(STANDBY state)	<input type="text" value="000"/> <input type="text" value="0"/>		
[ALC/STANDARD SURR] + [STANDBY/ON] keys (press and hold the keys for 10 seconds.)	<input type="text" value="CLEAR?"/> <input type="text" value="0"/>	5 (-> normal) *1	
[ENTER] key ↓	↓		
(Counter Clear end)	<input type="text" value="0 K"/> <input type="text" value="0"/>	5 (-> normal) *1	
(Normal display)	<input type="text" value="BD"/> <input type="text" value="0"/> *2	usually	

\*1 "5 (-> normal)" denotes that the display will return to the normal indication when no key operation is performed for 5 seconds.  
 \*2 Indication when the BD function is selected

**[Detailed explanations]**

- When the procedures for Reset mode for numbers of protection detections are completed, all the counters will be reset to "000."
- Prohibitions:  
 The protection detection counts cannot be cleared (reset to 000) with the MEMORY CLEAR process.  
 They can only be cleared when the procedures of Reset mode are completed.

**[Purpose]**

- The unit's operation when a DC/OVER/TEMP error is detected is described here.
- How to cancel the status after detection of a DC error is described here, because no key input will be accepted after a DC error detection.

**[Basic operations]**

**3.1 DC (AMP is abnormality) error detection**

Key Operation	FL Display	Time (sec.)	Description of Indications
(Normal display)	BD <input type="checkbox"/>	usually	Normal display
(DC detection)	BD <input type="checkbox"/>		
↓ (Auto) (RECEIVER POWER OFF)	<input type="checkbox"/>		

If the AC power cord is plugged in while the AVR is prohibited from being ON because of DC detection, the HDMI LED will flash at intervals of 500 msec.

**3.2 OVERLOAD (overcurrent) error detection**

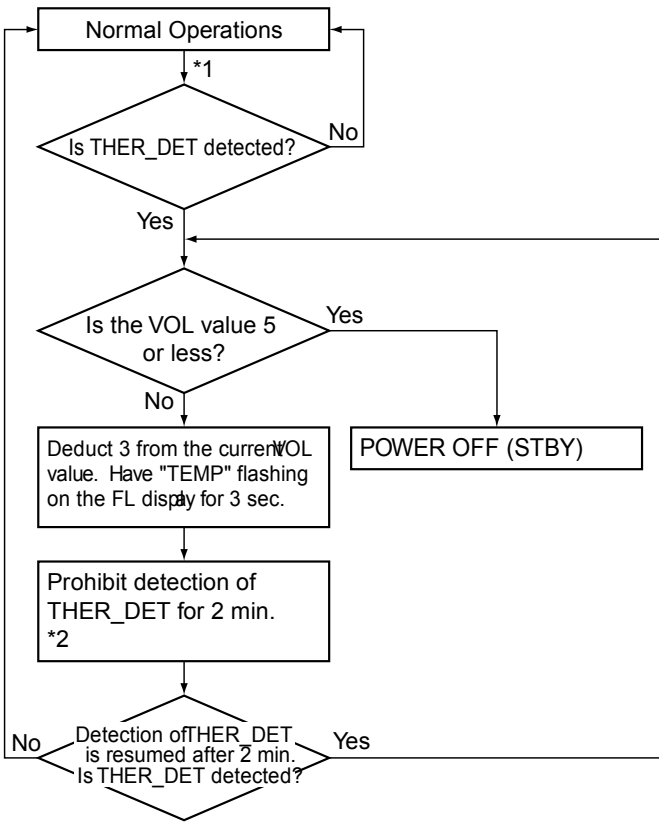
Key Operation	FL Display	Time (sec.)	Description of Indications
(Normal display)	BD <input type="checkbox"/>	usually	Normal display
(OVERLOAD detection)	BD <input type="checkbox"/>		
↓ (Auto) (RECEIVER POWER OFF)	<input type="checkbox"/>		

**3.3 TEMP (AMP overheat) error detection**

For detection of a TEMP error, the unit monitors both the THER\_DET and OVERLOAD & DC\_DET signals. If a TEMP error is detected, the processes shown below will be performed. The processes shown below are rough operational specifications and are not the actual commands from the mounted components. After a TEMP error is detected, the count of protection activation detections will be updated.

**Counter: Temp2** PROTECT2  
P2\_2 (pin 70)  
(THER\_DET from MAIN Assy)

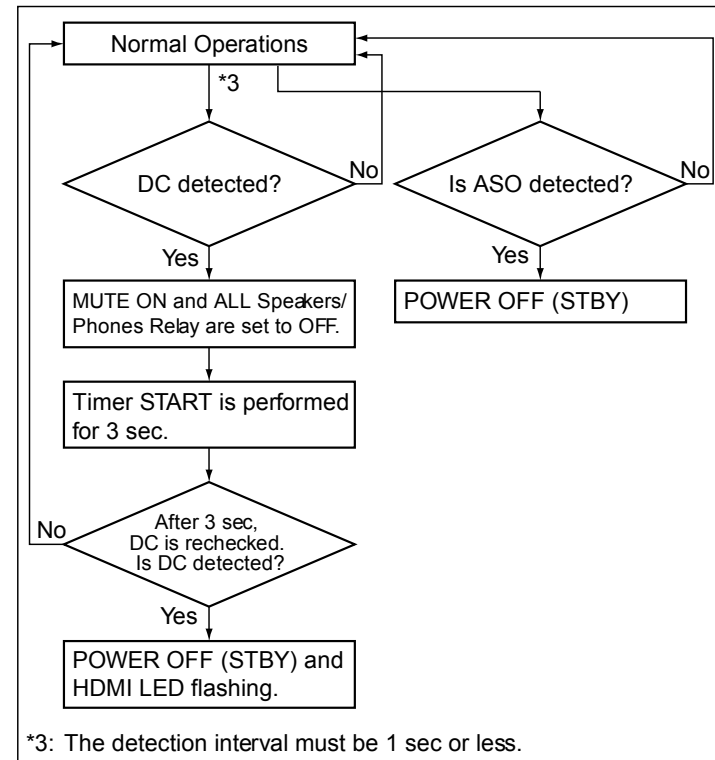
**Counter: OVER / DC** PROTECT1  
P0\_3 (pin 85)  
(OVERLOAD & DC\_DET from AMP6 Assy)



\*1: The detection interval must be 1 sec or less.  
\*2: If PROTECT 2 is detected while THER\_DET detection is prohibited for 2 min, the PROTECT 2 function will be activated.


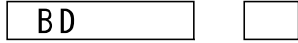
**PROTECT1 Function**

<PROTECT1: Voltage at Pin 85>  
NORMAL: 3.3 V  
When ASO destruction (excess current) is detected: 0.83 V  
When DC is detected: 1.45 V  
<Operation upon detection>  
When ASO destruction is detected: POWER OFF (STBY)  
When DC is detected:  
CASE 1 (Instantaneous detection [for less than 3 sec]): Speaker RELAY OFF  
CASE 2 (Continuous detection [for 3 sec or longer]) Shutdown and flashing of the HDMI LED  
(To turn the unit back ON again, simultaneous pressing of the two keys is necessary.  
-> See "3.4 How to cancel the status after detection of the DC error".)



\*3: The detection interval must be 1 sec or less.

**3.4 How to cancel the status after detection of the DC error**

Key Operation	FL Display	Time (sec.)	Description of Indications
(STANDBY state) [ADVANCED SURROUND] + [STANDBY/ON] keys (press and hold the keys for 2 seconds.) ↓ (Normal display)	 	usually	Normal display

**[Detailed explanations]** Simultaneously holding the [ADVANCED SURROUND] and [STANDBY/ON] keys on the front panel pressed for 2 seconds will cancel Key Input Inhibition mode after a DC error detection and turn the unit ON.

If the AC power cord is plugged in while the AVR is prohibited from being ON because of DC detection, the HDMI LED will flash at intervals of 500 msec.

**VSX-330-KWMA**

<Note>

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

**NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.**

<Notes>

<MA> : 220-240V

Australian model

NSP

**VSX-330-KWMA**

**EXPLODED VIEW PARTS LIST**

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
<b>[ Cabinet, Chassis, Screws, Nuts ]</b>				
1	* CASING ASSY	1	1018HK1508020	
2	* SCREW	6	1500040083B10SV	
2	* CABINET ASSY	1	3008212076000V	
3	59 SHEET	4	1210210235000SV	
3	58 CABINET	1	3007212076020S	
2	57 SPRING	2	3720210556000S	
2	3 KNOB	2	5080212431000S	
2	* SCREW,TAP TITE	4	B020030103B11SV	
1	* WIRING ASSY	1	1028HK1508020	
2	* SCREW	2	1500001206010SV	
2	* SCREW	2	1500001206020SV	
2	55 CHASSIS	1	3207215246260V	
2	* CHASSIS ASSY	1	3208214556201V	
3	22 CHASSIS	1	3200214556211S	
3	24 FOOT	4	4000210391010S	
3	23 CUSHION	4	4050211605000SV	
3	17 SUPPORTER	9	4070001601020S	
3	* SCREW,TAP TITE	4	B020030081B10SV	
2	51 BRACKET	1	401021488600DS	
2	* CLAMP	8	4330040343010S	
2	38 STOPPER	1	4380040162010S	!
2	* SCREW,TAP TITE	5	B020030043B10SV	
2	* SCREW,TAP TITE	22	B020030081B10SV	
2	* SCREW,TAP TITE	5	B020030083B10SV	
2	* SCREW,TAP TITE	24	B020030103B11SV	
2	* SCREW,TAP TITE	6	B020030171B10SV	
2	* SCREW,TAP TITE	1	B020230063B10SV	
2	* SCREW,TAP TITE ASSY	4	B028940101B11SV	
2	A1 CORD ASSY	1	L068250751710S	!
1	* PREPARE ASSY	1	1038HK1508020	
2	* SCREW	1	1500001456010SV	
2	* HEAT SINK ASSY	1	2128212168110BV	
3	25 HEAT SINK	1	2120212168110S	
3	29 BRACKET	3	4010056906010S	
3	* SCREW,TAPPING ASSY	15	B018230141H11SV	
3	* SCREW,TAP TITE	7	B020030081B10SV	
2	5 PANEL	1	3067215861150V	
2	20 PLATE	1	4470212736000S	
2	1 WINDOW	1	50772131130T1S	
2	6 BUTTON	1	5090213741100S	
2	7 BUTTON	1	5090214561200S	
2	8 BUTTON	1	5090214571200S	
2	2 BADGE	1	5637210321200S	
2	* SCREW,TAP TITE	14	B020030081B10SV	
2	* CABLE,FLAT CARD 1.0MM	1	N711290822480S	
<b>[ Semi-conductors ]</b>				
3	Q206C Q206FL SEMI,TR/GE PNP 2SB	5	J5011560P0000S	!
	Q206FR			
	Q206SL			
3	Q204C Q204FL SEMI,TR/GE NPN 2SC	5	J502396400010S	!
	Q204FR			
	Q204SL			
3	Q205C Q205FL SEMI,TR/GE NPN 2SD	5	J5032390P0000S	!
	Q205FR			
	Q205SL			
<b>[ Transformers, Coils ]</b>				
2	52 POWER TRANS	1	8200858500321V	!
<b>[ Frontend, Units ]</b>				
1	<b>U001 P.C.B TOTAL ASSY MAIN</b>	1	<b>7025HK1508020</b>	
2	MAIN P.C.B SUB ASSY MAIN	1	7028079411010	
2	REG P.C.B SUB ASSY REG	1	7028079412010	
2	OPTCO P.C.B SUB ASSY OPTCO	1	7028079413010	
2	G-R P.C.B SUB ASSY G-R	1	7028079415010	
2	G-L P.C.B SUB ASSY G-L	1	7028079416010	
2	WG P.C.B SUB ASSY WG	1	7028079417010	
1	<b>U002 P.C.B TOTAL ASSY DMAIN</b>	1	<b>7025HK1508021</b>	
2	DMAIN P.C.B SUB ASSY DMAIN	1	7028079471010	
1	<b>U003 P.C.B TOTAL ASSY FRONT</b>	1	<b>7025HK1508022</b>	
2	FRONT P.C.B SUB ASSY FRONT	1	7028079481010	
2	HP P.C.B SUB ASSY HP	1	7028079482010	
2	FUSB P.C.B SUB ASSY FUSB	1	7028079483010	
2	INSEL P.C.B SUB ASSY INSEL	1	7028079484010	
2	SONCT P.C.B SUB ASSY CONCT	1	7028079485010	
1	<b>U004 P.C.B TOTAL ASSY CPU</b>	1	<b>7025HK1508023</b>	
2	CPU P.C.B SUB ASSY CPU	1	7028079431080	
2	PTC P.C.B SUB ASSY PTC	1	7028079432010	
1	<b>U005 P.C.B TOTAL ASSY AMP5</b>	1	<b>7025HK1508024</b>	
2	SMP5 P.C.B SUB ASSY AMP5	1	7028073661020	
1	<b>U006 P.C.B TOTAL ASSY SMPS</b>	1	<b>7025HK1508025</b>	
2	SMPS P.C.B SUB ASSY SMPS	1	7028079491010	

VSX-330-KWMA

## PACKING PROCEDURES PARTS LIST

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
	[ Packing ]			
1	* PACKING ASSY	1	1008HK1508020	
2	6 BOX,GIFT	1	60072125800JOV	
2	8 PE,SHEET	1	6327040059000S	
2	9 CUSHION,SNOW	1	6230213384100S	
2	12 LABEL	2	5507000020230V	
2	16 TAPE	1.4	1220210772000S	
	[ Accessories ]			
2	2 ANTENNA,WIRE	1	E605010140010S	
2	3 ANTENNA,LOOP	1	E601019000010S	
2	4 REMOCON	1	8300774100010S	
2	5 BATTERY,DRY	2	G670001R50243S	
2	7 POLY BAG	1	6337040062010S	
2	10 SHEET	1	5227000008840V	
2	14 INSTRUCTION MANUAL	1	5707000010510V	
2	* TAPE	1.2	A710000360000S	

VSX-330-KWMA

## PC BOARD PARTS LIST

U001 P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	MAIN	1	7028079411010	
3	* P.C.B INS ASSY	1	7027079411A10	
4	* P.C.B	1	7020079410000S	
4	BD601 BEAD,COIL	1	7610010030000S	
4	R20 R21 R22 R,CARBON FILM	4	C00001006P520S	
4	R1260 R,CARBON FILM	1	C00001026P520S	
4	R463 R468 R,CARBON FILM	2	C00001036P520S	
4	R299 R,CARBON FILM	1	C00002216P520S	
4	R290 R52 R,CARBON FILM	2	C00002226P520S	
4	R296 R,CARBON FILM	1	C00002236P520S	
4	R293 R,CARBON FILM	1	C00003336P520S	
4	R292 R,CARBON FILM	1	C00003626P520S	
4	R294 R,CARBON FILM	1	C00004726P520S	
4	R291 R,CARBON FILM	1	C00005646P520S	
4	R287 R,CARBON FILM	1	C00007516P520S	
4	D23 D,SWITCHING	1	K000400700220S	
4	ZD1 D,ZENER	1	K06003R644522S	
4	ZD24 ZD25 D,ZENER	2	K06016R044522S	
	J418 JP1 JP10			
	JP100 JP101			
	JP102 JP103			
	JP104 JP105			
	JP106 JP107			
	JP108 JP109			
	JP11 JP110			
	JP111 JP112			
	JP113 JP114			
	JP115 JP116			
	JP117 JP118			
	JP119 JP12			
	JP120 JP121			
4	JP122 JP123 CN,WIRE 1P	128	L045084006040S	
	JP125 JP126			
	JP127 JP128			
	JP129 JP13			
	JP130 JP131			
	JP132 JP133			
	JP135 JP14			
	JP140 JP141			
	JP147 JP15			
	JP16 JP17 JP18			
	JP19 JP2 JP20			
	JP21 JP22 JP23			
	JP24 JP25 JP26			
	JP28 JP29 JP3			
3	* P.C.B INS ASSY	1	7027079411M10	
4	CLAMP2 CLAMP	1	4330000120000S	
4	R295 R297 R,CEMENT RADIAL FORM	2	C141R10069010S	
4	C101 C,ELECT GE 85C	1	D040331088230S	
4	C55 C58 C,ELECT GE 85C	2	D040682088010S	
4	L1 L2 L3 L4 L5 COIL,FILTER-INDUCTOR	5	D330900001330S	
4	PACK601 TUNER,FM/AM	1	E903104100783S	
4	JACK101 TER,BOARD PUSH 4P	1	G594408SA030YS	
4	JACK102 TER,BOARD PUSH 6P	1	G596601SA010YS	
4	JACK403 TER,RCA 1PIN	1	G600107A0000YS	
4	JACK401 TER,RCA 6PIN	1	G603610A0001YS	
4	JACK402 TER,RCA 3PIN	1	G606305AW140YS	
4	RLY2 RLY3 RELAY	3	G680060103010S	
4	RLY5 RELAY	1	G680240202030S	
4	D7 D,RECTIFIER BRIDGE	1	K047100600220S	!
4	CN1 CN,WIRE	1	L026131052250S	
4	CN8 CN,WIRE	1	L026171062620S	
4	CN2 CN,WIRE ASSY	1	L028201102620S	
4	CN5 CN,WIRE ASSY	1	L028221030010S	
4	CN3 CN,WAFER 2.0MM	1	L101521371010S	
4	CP1 CN,WAFER 7.92MM	1	L108353280360S	
4	CP15 CP16 CN,WAFER	2	L109012511140S	
4	CP110 CP13 CN,WAFER	2	L109012511540S	

3	*	P.C.B INS ASSY	1	7027079411R10
4	GND4	TERMINAL	1	3790040886000S
4	R11 R13 R25 R5 R7 R9	R,METAL FILM 100PPM	6	C060010065050S
4	R10 R12 R14 R6 R8	R,METAL FILM 100PPM	5	C060010066050S
4	R588 R589	R,METAL FILM 100PPM	2	C060010165060S
4	R64	R,METAL FILM 100PPM	1	C060022063050S
4	R28 R29 R30	R,METAL FILM 100PPM	3	C06002265050S
4	R15 R16	R,METAL FILM 100PPM	2	C060033166050S
4	R35 R36	R,METAL FILM 100PPM	2	C060047363050S
4	R66	R,METAL FILM 100PPM	1	C0604R7065050S
4	C104	C,CERAMIC HIK DISC	1	D00410107D051S
4	C61 C64	C,FILM POLYESTER	2	D02010406C060S
4	C65 C66 C67	C,FILM POLYESTER	4	D02010407H080S
4	C11 C14 C3 C6 C8	C,FILM POLYESTER	5	D02022306C060S
4	C1 C12 C17 C4 C9	C,FILM POLYESTER	5	D02047306C060S
4	C102 C103	C,ELECT GE 85C	3	D040010087150S
4	C462 C464	C,ELECT GE 85C	2	D040100083100S
4	C401 C406 C420 C439 C446 C460 C475 C486 C492 C498 C499 C506 C507 C509	C,ELECT GE 85C	20	D040100087070S
4	C99	C,ELECT GE 85C	1	D040101082070S
4	C1233	C,ELECT GE 85C	1	D040101083070S
4	C53	C,ELECT GE 85C	1	D040101084060S
4	C537 C538	C,ELECT GE 85C	2	D040221083110S
4	C1209 C1226	C,ELECT GE 85C	2	D040470083080S
4	C296	C,ELECT GE 85C	1	D0404R7087250S
4	Q17	SEMI,TR/GE PNP 2SA	1	J5000916Y0050S
4	Q129 Q130	SEMI,TR/GE PNP 2SA	3	J5000992FA050S
4	Q132	SEMI,TR/GE NPN 2SC	1	J5023198Y0000S
3	*	P.C.B INS ASSY	1	7027079411S10
4	JP207 JP214 JP215 JP216 JP217 JP218 JP219 JP220 JP221 JP223 JP224	R,CHIP THICK	11	C200000060200S
4	JP146 JP148 JP149 JP156 JP167 JP168 JP210 JP211	R,CHIP THICK	8	C200000061300S
4	C469 J500 J501 J502 J503 JP155 JP200 JP201 JP208 JP209 JP212 JP213 R470 R498 R499 R500 R502 R503 R504 R549 R549 R572	R,CHIP THICK	26	C20000006M160S
4	R461 R469	R,CHIP THICK	3	C20001016M160S
4	R462 R466 R497 R544 R608L R608R	R,CHIP THICK	6	C20001026M160S
4	R39 R40 R409 R420 R428 R43 R435 R448 R45 R514 R559 R560 R561 R566 R568 R569 R572 R572 R574	R,CHIP THICK	23	C20001036M160S
4	R54 R549 R551	R,CHIP THICK	3	C20001046M160S
4	R69 R70	R,CHIP THICK	2	C20001236M160S
4	R507 R554	R,CHIP THICK	2	C20001526M160S
4	R564	R,CHIP THICK	1	C20002226M160S
4	R58 R60	R,CHIP THICK	2	C20002736M160S
4	R521 R530 R532 R541	R,CHIP THICK	6	C20003316M160S
4	R53	R,CHIP THICK	1	C20003336M160S
4	R515	R,CHIP THICK	1	C20003926M160S
4	R1259 R404 R405 R406 R407 R408 R411 R415 R427 R433	R,CHIP THICK	14	C20004716M160S
4	R539 R540	R,CHIP THICK	2	C20004726M160S
4	R410 R421 R429 R436 R449 R467	R,CHIP THICK	7	C20004736M160S
4	R477 R478 R501 R523 R528 R534 R538 R565 R582 R583	R,CHIP THICK	14	C20004746M160S
4	R49 R50 R51	R,CHIP THICK	3	C20005136M160S
4	R548	R,CHIP THICK	1	C20005626M160S
4	R289	R,CHIP THICK	1	C20005646M160S
4	R505 R506	R,CHIP THICK	2	C20006826M160S
4	R1257 R1258	R,CHIP THICK	2	C20006836M160S
4	R1203 R1204 R1206	R,CHIP THICK	3	C20007504M160S
4	R557 R571	R,CHIP THICK	2	C20009136M160S



4	C1206 C407 C409 C419 C426 C435 C465 C474 C477 C480 <del>C493 C496</del>	C,CERAMIC CHIP T.C	16	D010101167160S	
4	C608 C610 C611 C617	C,CERAMIC CHIP T.C	5	D010101167163S	
4	C26 C27 C28 C29 C30 C481	C,CERAMIC CHIP T.C	6	D010102167160S	
4	C494 C497 C502 C505	C,CERAMIC CHIP T.C	6	D010221167160S	
4	C517 C519 C520 C522	C,CERAMIC CHIP T.C	4	D010330167160S	
4	C546 C547	C,CERAMIC CHIP T.C	2	D010331167160S	
4	C484	C,CERAMIC CHIP T.C	1	D010470167160S	
4	C511	C,CERAMIC CHIP T.C	1	D010681167160S	
4	C100 C1232 C297 C298 C485 C508 C514 C515 <del>C528 C529 C59</del>	C,CERAMIC CHIP HIK	13	D011103777162S	
4	C441 C473	C,CERAMIC CHIP HIK	2	D011103777200S	
4	C108 C1204 C1205 C1223 C1224 C1227 C1254 C482 C483 C487 <del>C488 C548</del>	C,CERAMIC CHIP HIK	15	D011104577162S	
4	C1225	C,CERAMIC CHIP HIK	1	D011105173161S	
4	C479 C489 C98	C,CERAMIC CHIP HIK	3	D011222777160S	
4	C478	C,CERAMIC CHIP HIK	1	D011224774162S	
4	C512	C,CERAMIC CHIP HIK	1	D011332777160S	
4	C611L C611R	C,CERAMIC CHIP HIK	2	D011472777160S	
4	IC1009	IC,ELECT VR	1	J084347320010S	
4	IC401 IC402 IC403	IC,LINEAR OP	3	J121458001010S	
4	IC1200	IC,LINEAR-DRIVER	1	J127410500010S	
4	Q16	SEMI,CHIP TR/PNP 2SA	1	J520015301210S	
4	Q419 Q426	SEMI,CHIP TR/PNP 2SA	2	J520101411210S	
4	Q2 Q3 Q4 Q5	SEMI,CHIP TR/PNP 2SA	4	J520102371210S	
4	Q402 Q405 Q406 Q407 Q410 Q416	SEMI,CHIP TR/NPN 2SC	7	J522020011210S	
4	Q10 Q11 Q12	SEMI,CHIP TR/NPN 2SC	4	J522102371210S	
4	Q427	SEMI,CHIP TR/NPN 2SC	1	J522104411210S	
4	Q14 Q15	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q425 Q428	SEMI,FET/2SN	2	J544209Y01150S	
4	D125 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D18 D2 D3 D4 D414 <del>D445 D446</del>	D,SWITCHING CHIP	24	K005041480230S	
4	ZD400 ZD401	D,ZENER CHIP	2	K06606R84P430S	
2	REGULATOR	P.C.B SUB ASSY	1	7028079412010	
3	*	P.C.B INS ASSY	1	7027079412A10	
4	D10 D11 D12	D,SWITCHING	4	K000400700220S	!
4	J10 J11 J12 J13 J14 J15 J16 J17 J9 JP158 JP159 JP160 JP161 JP163 JP164 JP165 JP166 JP20	CN,WIRE 1P	18	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079412M10	
4	C85	C,ELECT GE 85C	1	D040102084060S	
4	C292	C,ELECT GE 85C	1	D040103083020S	
4	C84	C,ELECT GE 85C	1	D040472084240S	
4	IC3	IC,LINEAR-REGULATOR	1	J126780500110S	!
4	IC1	IC,LINEAR-REGULATOR	1	J126781200040S	!
4	IC2	IC,LINEAR-REGULATOR	1	J126791200060S	!
4	D121	D,RECTIFIER BRIDGE	1	K047100600220S	
4	CP112	CN,WIRE ASSY	1	L028321062250S	
4	CP2	CN,WAFER 2.0MM	1	L101521370610S	
4	CP3	CN,WAFER 2.5MM	1	L102526700300S	
4	CP113	CN,WAFER 3.96MM	1	L104353130360S	
3	*	P.C.B INS ASSY	1	7027079412R10	
4	R284 R286 R41 R42	R,METAL FILM 100PPM	4	C060R22065050S	
4	C291	C,FILM POLYESTER	1	D02010406C060S	
4	C81	C,FILM POLYESTER	1	D02047306C060S	
4	C90	C,ELECT GE 85C	1	D040101082070S	
4	C88 C89	C,ELECT GE 85C	2	D040101083070S	
3	*	P.C.B INS ASSY	1	7027079412S10	
4	R71 R72	R,CHIP THICK	2	C200010563300S	
4	R75	R,CHIP THICK	1	C200068261300S	
4	C122 C293 C86 C87 C93 C94	C,CERAMIC CHIP HIK	7	D011103777162S	
4	D26 D27 D28	D,SCHOTTKY CHIP	3	K125551300010S	
2	OPT COAX	P.C.B SUB ASSY	1	7028079413010	
3	*	P.C.B INS ASSY	1	7027079413A10	
4	J59 J60 J75	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079413M10	
4	BKT4	BRACKET	1	4010210196100S	
4	JACK1305	MODULE	1	E100802000250S	
4	JACK1306	TER,RCA 1PIN	1	G600107A0000Y5	
4	CN2010	CN,WIRE	1	L026500052620S	
3	*	P.C.B INS ASSY	1	7027079413R10	

4	C63	C.ELECT GE 85C	1	D040470083080S
3	*	P.C.B INS ASSY	1	7027079413S10
4	R1457 R1462	R,CHIP THICK	4	C20000006M160S
	R1463 R1464			
4	R1455	R,CHIP THICK	1	C20001016M160S
4	R1460	R,CHIP THICK	1	C20001036M160S
4	R1465	R,CHIP THICK	1	C20001046M160S
4	R1461	R,CHIP THICK	1	C20002226M160S
4	R1458	R,CHIP THICK	1	C20004706M160S
4	R1456	R,CHIP THICK	1	C20007506M160S
4	C1459	C,CERAMIC CHIP T.C	1	D010220167160S
4	C1453	C,CERAMIC CHIP T.C	1	D010220167163S
4	C1456	C,CERAMIC CHIP T.C	1	D010331167160S
4	C1458	C,CERAMIC CHIP T.C	1	D010331167165S
4	C1452 C1455	C,CERAMIC CHIP HIK	2	D011103777162S
4	C1464 C1465	C,CERAMIC CHIP HIK	2	D011104577162S
4	L1411	COIL,INDUCTOR	1	D3104R7010200S
4	L1412	COIL,CHIP	1	D311160802220S
4	L1414	COIL,BEAD	1	D340160811210S
4	L1413	COIL,BEAD	1	D340160831210S
4	IC2009	IC,LOGIC	1	J040740400290S
4	D17	D,SWITCHING CHIP	1	K005041480230S
2	GUIDE R	P.C.B SUB ASSY	1	7028079415010
2	GUIDE L	P.C.B SUB ASSY	1	7028079416010
3	*	P.C.B INS ASSY	1	7027079416M10
4	CLAMP1	CLAMP	1	4330000120000S
2	AMP GUIDE	P.C.B SUB ASSY	1	7028079417010

**U002** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	D MAIN	1	7028079471010	
3	*	1	7027079471M10	
4	BKT1	1	4010210196100S	
4	XTAL2003	1	E80004R000990S	
4	XTAL2002	1	E80024R576890S	
4	CP2006 CP2008	2	L101521370510S	
4	CN101	1	L102001400620S	
4	CN204	1	L109012521150S	
4	CN2003	1	L109012521550S	
4	CN201	1	L109012523350S	
3	*	1	7027079471S10	
4	*	1	7020079470200S	
4	RA1 RA2	2	C180220042100S	
4	JP114 L2025	4	C200000060200S	
	L2026 R1665			
4	JP121 JP122	35	C200000061300S	
	JP123 JP127			
	JP128 JP129			
	JP130 JP132			
	JP133 JP134			
	JP135 JP154			
	JP2003 JP2004			
	JP2005 JP2009			
	JP2011 JP2012			
	JP2013 JP2014			
	JP2017 JP2022			
	JP2024 JP2026			
	JP2027 JP2029			
	JP2031 JP2032			
	JP2038 JP2042			
	JP2043 JP2045			
	JP2051 JP2052			
4	R1667 R1673	40	C20000006M100S	
	R1674 R1675			
	R1895 R2115			
	R2116 R2125			
	R2167 R2169			
	R2177 R2187			
	R2191 R2195			
	R2196 R2197			
	R2198 R2201			
	R2203 R2204			
	R221 R222			
	R2227 R2306			
	R2307 R2308			
	R246 R2482			
	R2483 R36 R56			
	R76 R9601			
	R9602 R9603			
	R9606 R9609			
4	CB2010 CB2014	19	C20000006M160S	
	JP111 JP2001			
	JP2002 JP2010			
	JP2028 JP2034			
	JP2037 JP2039			
	JP2040 JP2041			
	JP2047 JP2053			
	L2005 L2006			
	L2023 L2024			
4	L1618	1	C200010060200S	

4	R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R2100 R2103 R2137 R2139 R2161 R2163 R2165 R2166 R28 R30 R32 R34 R48 R49 R50 R51 R57 R58 R59 R60 R9562 R9604 R9605	R,CHIP THICK	39	C20001006M100S
4	R1864 R1901 R1951 R2062 R2064 R2144 R2145 R2146 R2147 R2148 R2149 R2150 R2151 R2194 R2219 R2220 R2221 R2222 <del>R2223 R2224</del>	R,CHIP THICK	20	C20001016M100S
4	R2133	R,CHIP THICK	1	C20001024M100S
4	R2294 R2296 R2300 R9684 R9687 R9689 <del>R9696</del>	R,CHIP THICK	7	C20001026M101S
4	R2126 R2127 R2312	R,CHIP THICK	3	C20001034M100S
4	R1664 R2037 R2092 R2156 R2162 R2164 R2168 R2288 R2289 R2291 R2292 R248 R303 R307 R42 R44 R9685 <del>R9688 R9690</del>	R,CHIP THICK	20	C20001036M110S
4	R241 R247	R,CHIP THICK	3	C20001046M100S
4	R100	R,CHIP THICK	1	C20001046M160S
4	R2138 R2140	R,CHIP THICK	2	C200010560200S
4	R2185 R2205 R37 R41	R,CHIP THICK	4	C20001056M101S
4	R2154	R,CHIP THICK	1	C20001234M160S
4	R1860	R,CHIP THICK	1	C20001506M101S
4	R2179 R2184 R2193 R2200 R2213	R,CHIP THICK	5	C20001516M100S
4	R2479	R,CHIP THICK	1	C20001526M101S
4	R1652 R1654	R,CHIP THICK	2	C20001826M101S
4	R2323	R,CHIP THICK	1	C20002014M100S
4	R2134	R,CHIP THICK	1	C20002034M100S
4	R99	R,CHIP THICK	1	C20002044M100S
4	R197 R198 R199 R200 R201 R202 R203 R214 R215 R216 R217 R218 <del>R222 R223</del>	R,CHIP THICK	21	C20002206M101S
4	R242	R,CHIP THICK	1	C20002246M101S
4	R240	R,CHIP THICK	1	C20002256M101S
4	R101	R,CHIP THICK	1	C20002444M100S
4	R245	R,CHIP THICK	1	C20002726M101S
4	R243	R,CHIP THICK	1	C20002736M101S
4	R2322	R,CHIP THICK	1	C20003024M101S
4	R2123 R2131 R2173 R2174 R2178 R2180 R2181 R2182 R2183 R2199 <del>R2224</del>	R,CHIP THICK	11	C20003306M101S
4	R2129	R,CHIP THICK	1	C20003324M100S
4	R2130	R,CHIP THICK	1	C20003914M100S
4	R2186	R,CHIP THICK	1	C20003916M101S
4	R2249 R2250 R2251 R2252 R2253 R2254 R2255 R2256 R2257 R2258 R2259 R2260 R2261 R2262 R2263 R2264 R2265 R2266 R2267 R2268 R2269 R2270 R2271 R2272 R2273 R2274 R2275 R2276 R2277 R2278 R2279 R2280 R2281 R2282 R2283 R2284	R,CHIP THICK	38	C20004306M101S

4	R2157 R2192 R2209 R2210 R2211 R2212 R2214 R2215 R2216 R2217 R2218 R2223 R2229 R2231 R2232 R2235 R2236 R2238 R2241 R2243 R2248 R2293 R301 R39 R40 R77 R78 R79	R,CHIP THICK	32	C20004706M101S
4	R2206	R,CHIP THICK	1	C20004716M101S
4	R2158 R2159 R2171 R2172 R219 R220 R2237 R224 R2242 R225	R,CHIP THICK	12	C20004726M101S
4	R2128	R,CHIP THICK	1	C20004734M100S
4	R111 R1861 R2065 R2091 R2141 R2142 R2155 R2190 R2207 R2225 R2246 R2299 R2316 R238 R2473 R29 R299 R302 R31 R33 R35 R81 R85 R86 R87 R88 R89 R90 R93 R95 R9621	R,CHIP THICK	35	C20004736M101S
4	R2132	R,CHIP THICK	1	C20005124M101S
4	R1666 R1668	R,CHIP THICK	2	C20005606M101S
4	R1669 R2117 R2118	R,CHIP THICK	3	C20006826M101S
4	R244	R,CHIP THICK	1	C20008216M101S
4	C2134 C2220 C2225 C2242 C2245	C,CERAMIC CHIP T.C	5	D010102167100S
4	C2101 C2108	C,CERAMIC CHIP T.C	2	D010102167160S
4	C2091 C2094 C2095 C2109	C,CERAMIC CHIP T.C	4	D010106174300S
4	C86 C87	C,CERAMIC CHIP T.C	2	D010130167100S
4	C2146 C2147	C,CERAMIC CHIP T.C	2	D010140167100S
4	C2124	C,CERAMIC CHIP T.C	1	D010222167160S
4	C2162 C2170	C,CERAMIC CHIP HIK	2	D011100117101S
4	C1 C2061 C2063 C2070 C2084 C2085 C2086 C2093 C2096 C2104 C2185 C216	C,CERAMIC CHIP HIK	13	D011100167101S
4	C172 C182 C2077 C2142 C2143 C2251	C,CERAMIC CHIP HIK	7	D011101167101S
4	C158 C2082 C2117 C2118 C2167 C2168 C2169 C2181 C2182 C2183 C2184 C2188 C2195 C2209 C2213 C2221 C2232 C2240 C2252 C2254 C2256 C2260 C2267 C2268 C2269 C2300	C,CERAMIC CHIP HIK	29	D011102177100S
4	C102 C134 C143 C169 C1845 C1864 C2019 C2052 C2060 C2123 C2129 C2130 C2133 C2136 C2139 C2159 C2202 C2249 C39 C47 C68 C200 C206	C,CERAMIC CHIP HIK	27	D011103774102S
4	C2100 C2106	C,CERAMIC CHIP HIK	2	D011103777162S

	C108 C145			
	C2021 C2022			
	C2027 C2029			
	C2031 C2033			
	C2080 C2097			
	C2098 C2103			
	C2144 C2149			
	C2176 C2177			
	C2178 C2179			
	C2180 C2187			
	C2189 C2190			
	C2192 C2193			
	C2194 C2196			
4	C2197 C2199	C,CERAMIC CHIP HIK	80	D011104177100S
	C2203 C2204			
	C2207 C2210			
	C2211 C2212			
	C2214 C2216			
	C2217 C2218			
	C2219 C2222			
	C2223 C2224			
	C2226 C2228			
	C2229 C2230			
	C2231 C2233			
	C2234 C2235			
	C2237 C2238			
	C2239 C2241			
4	C1603 C2064	C,CERAMIC CHIP HIK	7	D011104577162S
	C2079 C2088			
	C2113 C2322			
4	C100 C101	C,CERAMIC CHIP HIK	18	D011105772101S
	C1695 C1696			
	C181 C1839			
	C26 C27 C29			
	C34 C37 C4			
	C42 C62 C79			
4	C9453	C,CERAMIC CHIP HIK	1	D011105774201S
4	C92 C93	C,CERAMIC CHIP HIK	2	D011106571160S
4	C103 C140	C,CERAMIC CHIP HIK	12	D011106572200S
	C142 C147			
	C175 C190			
	C191 C195			
4	C2132 C2148	C,CERAMIC CHIP HIK	5	D011106573200S
	C2150 C2165			
	C2175			
4	C107	C,CERAMIC CHIP HIK	1	D011221177101S
4	C2099 C2205	C,CERAMIC CHIP HIK	7	D011222177101S
	C2272 C2295			
	C2299 C2302			
	C2303			
4	C2200	C,CERAMIC CHIP HIK	1	D011224771100S
4	C2160	C,CERAMIC CHIP HIK	1	D011224774162S
4	C2110 C2111	C,CERAMIC CHIP HIK	4	D011226573303S
	C2112 C2115			
4	C98	C,CERAMIC CHIP HIK	1	D011226581200S
4	C95 C99	C,CERAMIC CHIP HIK	2	D011330167101S
4	C2083 C2087	C,CERAMIC CHIP HIK	13	D011331167101S
	C2107 C2138			
	C2140 C2155			
	C2186 C2191			
	C2198 C2215			
	C2227 C2236			
	C9452			
4	C110 C1701	C,CERAMIC CHIP HIK	19	D011331177100S
	C1846 C1866			
	C2206 C56 C58			
	C60 C64 C66			
	C70 C90 C9602			
	C9604 C9612			
	C9623 C9740			
	C9742 C9744			
4	C112 C164	C,CERAMIC CHIP HIK	2	D011332177101S
4	C149 C168	C,CERAMIC CHIP HIK	13	D011471177101S
	C183 C188			
	C189 C38 C41			
4	C48 C54 C67	C,CERAMIC CHIP HIK	11	D011472177101S
	C2125 C2156			
	C2304 C2305			
	C2306 C2308			
	C2309 C2310			
	C2345 C2346			
	C2347			
4	C2024	C,CERAMIC CHIP HIK	1	D011475772161S
4	C2062 C2066	C,CERAMIC CHIP HIK	6	D011475773201S
	C2076 C2078			
	C2089 C2092			
4	C2102 C2105	C,CERAMIC CHIP HIK	2	D011682177101S
4	C2350	C,CERAMIC CHIP HIK	1	D011820167101S
4	C2059	C,ELECT CHIP(GE)	1	D050010087200S
4	C2055 C2128	C,ELECT CHIP(GE)	10	D050101081650S
	C2135 C2145			
	C2157 C2161			
	C2171 C2172			
	C2174 C2271			
4	C2081 C33 C35	C,ELECT CHIP(GE)	4	D050101083350S
	C46			
4	C2173 C2296	C,ELECT CHIP(GE)	2	D050220083230S
4	C2131 C2258	C,ELECT CHIP(GE)	2	D050221081220S
4	C9493	C,ELECT CHIP(GE)	1	D0504R7084230S

4	L2012 L2014	COIL,INDUCTOR	2	D3104R7010200S	
4	L9	COIL,INDUCTOR	1	D310604590100S	
4	L2007 L2008	COIL,INDUCTOR	2	D310804061001S	
4	L2031	COIL,CHIP	1	D311121011210S	
4	L11 L13 L14 L15	COIL,CHIP	4	D311121019000S	
4	L2013	COIL,CHIP	1	D311160802220S	
4	L1 L1810 L1817	COIL,BEAD	7	D340100561210S	
4	L3 L5 L7 L8				
4	L2015 L2020	COIL,BEAD	4	D340160811210S	
4	L2029 L2032				
4	L2 L2021 L2022	COIL,BEAD	5	D340212561010S	
4	L4 L6				
4	XTAL2004	CRYSTAL CHIP	1	E80524R000990S	
4	X3000	CRYSTAL CHIP	1	E80527R000890S	
4	IC2018	IC.MEMORY-RAM	1	J001986466020S	
4	IC2019	IC.MEMORY FLASH	1	J005253200060S	
4	IC1	IC.MEMORY FLASH	1	J005254001010S	
4	IC3	IC.CPU MICRO PROCESS	1	J020901560010S	
4	IC1808	IC.LOGIC	1	J040704005550S	
4	IC1812	IC.LOGIC	1	J040741080360S	
4	IC2022	IC.LOGIC	1	J040741570110S	
4	IC2014	IC.LOGIC	1	J040742570040S	
4	IC1602	IC.LOGIC	1	J040864788022S	
4	IC1606	IC.LOGIC-INTERFACE	1	J046205101010S	
4	IC2007 IC2009	IC.LOGIC-D/D CONVER	2	J048650300010S	
4	IC2016	IC.ANALOG	1	J080320805520S	
4	IC2011	IC.ANALOG	1	J080458800010S	
4	IC2	IC.LINEAR POWER	1	J122214300010S	
4	IC2021	IC.LINEAR-REGULATOR	1	J126000005510S	!
4	IC2015	IC.LINEAR-REGULATOR	1	J126111718630S	
4	IC2005 IC2006	IC.LINEAR-REGULATOR	2	J126117050010S	
4	IC2004	IC.LINEAR-REGULATOR	1	J126283133010S	
4	IC2008	IC.LINEAR-REGULATOR	1	J126352932080S	
4	IC9450	IC.LINEAR-REGULATOR	1	J126736112010S	
4	Q9606 Q9608	SEMI,CHIP TR/NPN 2SC	4	J522011400020S	
4	Q9610 Q9612				
4	Q9607 Q9609	SEMI,CHIP TR/NPN 2SC	4	J522012400010S	
4	Q9611 Q9613				
4	Q2027 Q2041	SEMI,CHIP TR/NPN 2SC	2	J522101411210S	
4	Q2050 Q2051	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q2052	SEMI,CHIP TR/NPN 2SD	1	J5232114K0010S	
4	Q2026 Q2040	SEMI.FET CHIP	2	J543608000010S	
4	D2067 D2068	D.SWITCHING CHIP	3	K005041480230S	
4	D2069				
4	D2056 D2057	D.SCHOTTKY CHIP	2	K125551300010S	
4	JA1601 JA9601	CN.WAFER	5	L109100190710S	
4	JA9602 JA9603				
4	JA9604				

**U003** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	FRONT	1	7028079481010	
3	*	1	7027079481A10	
4	*	1	7020079480000S	
4	L702	1	D330100120520S	
4	L701	1	D330101120520S	
4	ZD701	1	K06007R544522S	
4	JP109 JP111	63	L045084006040S	
	JP112 JP120			
	JP121 JP123			
	JP124 JP125			
	JP128 JP129			
	JP15 JP16 JP17			
	JP18 JP19 JP20			
	JP21 JP22 JP23			
	JP24 JP3 JP30			
	JP31 JP32 JP33			
	JP34 JP36 JP37			
	JP38 JP39 JP4			
	JP40 JP42 JP47			
	JP48 JP5 JP6			
	JP61 JP62 JP63			
	JP65 JP66 JP7			
	JP70 JP72 JP77			
	JP78 JP79 JP80			
	JP81 JP82 JP83			
	JP85 JP86 JP87			
	JP88 JP89 JP90			
	JP91 JP92 JP93			
3	*	1	7027079481M10	
4	*	2	4328211306000	
5	*	1	1220211559000S	
5	*	1	4320211306000S	
4	RMC701	1	E940349003810S	
4	VEC701	1	G121122400231S	
4	FLT701	1	K530122400010S	
4	CN702	1	L026600042620S	
4	CN7202B1	1	L026800040170S	
4	CN701	1	L028221092620S	
4	CN704A	1	L130100112950S	
3	*	1	7027079481R10	
4	R779 R780	2	C0602R2063050S	!
4	C718 C719	2	D02047306C060S	
4	C717 C720	3	D040010087150S	
4	C728	1	D040100087070S	
4	C771	1	D040101087060S	
4	C731 C736	2	D040470083080S	

4	SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW716	SW,TACT	15	G180501000010S	
4	Q702	SEMI.TR/GE PNP 2SA	1	J5001266G0050S	!
4	LED703A1	LED,ROUND	1	K500052009011S	
3	*	P.C.B INS ASSY	1	7027079481S10	
4	JP41 JP50 JP51 JP52 JP53 JP54 JP55 JP56 JP57 JP58 JP59 JP60	R,CHIP THICK	12	C200000060201S	
4	JP100 JP101 JP102 JP103 JP104 JP105 JP122 JP126 JP127 JP64 JP67 JP68 JP73 JP74 JP76 JP95 JP96 JP99	R,CHIP THICK	18	C200000061300S	
4	J202 J203 J204 J205 J209 J210 J211 R747	R,CHIP THICK	8	C20000006M160S	
4	R738 R754 R756 R783	R,CHIP THICK	5	C20001016M160S	
4	R757 R771	R,CHIP THICK	2	C20001026M160S	
4	R749 R750 R778 R781	R,CHIP THICK	5	C20001036M160S	
4	R762 R776	R,CHIP THICK	2	C20001236M160S	
4	R737	R,CHIP THICK	1	C20001536M160S	
4	R758 R772	R,CHIP THICK	2	C20002226M160S	
4	R785	R,CHIP THICK	1	C20002736M160S	
4	R777	R,CHIP THICK	1	C20003326M160S	
4	R744	R,CHIP THICK	1	C20003916M160S	
4	R759 R773	R,CHIP THICK	2	C20003926M160S	
4	R739 R740	R,CHIP THICK	3	C20004716M160S	
4	R760 R774	R,CHIP THICK	2	C20005626M160S	
4	R705 R706 R707 R708 R709 R710 R711 R712 R713 R714 R715 R716 R717 R718 R719 R720 R721 R722 R723 R724	R,CHIP THICK	28	C20005636M160S	
4	R761 R775	R,CHIP THICK	2	C20008226M160S	
4	R735	R,CHIP THICK	1	C20008236M160S	
4	C716	C.CERAMIC CHIP T.C	1	D010100167161S	
4	C733 C734	C.CERAMIC CHIP T.C	3	D010101167160S	
4	C745 C755	C.CERAMIC CHIP T.C	2	D010331167160S	
4	C903 C922	C.CERAMIC CHIP T.C	2	D010820167160S	
4	C739 C743	C.CERAMIC CHIP HIK	3	D011102777160S	
4	C725 C732	C.CERAMIC CHIP HIK	2	D011103777162S	
4	C727 C756	C.CERAMIC CHIP HIK	2	D011104577162S	
4	C738 C742	C.CERAMIC CHIP HIK	2	D011821777160S	
4	IC701	IC,LINEAR-DRIVER	1	J127197044010S	
4	Q703	SEMI,CHIP TR/NPN 2SC	1	J522101441210S	
4	Q704	SEMI,CHIP TR/NPN 2SC	1	J522102371210S	
4	D713 D714	D.SWITCHING CHIP	2	K005041480230S	
2	HP	P.C.B SUB ASSY	1	7028079482010	
3	*	P.C.B INS ASSY	1	7027079482A10	
4	JP106 JP108 JP94	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079482M10	
4	Z1	PLATE	1	4470212746000S	
4	JACK701	JACK,D6.5	1	G402PJ612A09YS	
3	*	P.C.B INS ASSY	1	7027079482S10	
4	R896 R897	R,CHIP THICK	3	C200000060201S	
4	JP113 JP118 JP119	R,CHIP THICK	3	C200000061300S	
4	R895	R,CHIP THICK	1	C20001016M160S	
4	C748	C.CERAMIC CHIP T.C	1	D010060117160S	
4	C749 C750	C.CERAMIC CHIP T.C	2	D010223777160S	
4	C926 C927	C.CERAMIC CHIP T.C	3	D010820167160S	
4	C747	C.CERAMIC CHIP HIK	1	D011104577162S	
4	D705 D706	D.SWITCHING CHIP	2	K005041480230S	
2	USB	P.C.B SUB ASSY	1	7028079483010	
3	*	P.C.B INS ASSY	1	7027079483A10	
4	JP14	CN,WIRE 1P	1	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079483M10	
4	JACK3000	CN,PLUG CONTACT	1	G480040000180S	
4	CN2006	CN,WIRE ASSY	1	L028321050070S	
3	*	P.C.B INS ASSY	1	7027079483R10	
4	C3006	C,ELECT GE 85C	1	D040221081060S	
3	*	P.C.B INS ASSY	1	7027079483S10	
4	R3000 R3001	R,CHIP THICK	2	C20000006M160S	
4	C3004 C3008	C.CERAMIC CHIP T.C	2	D010101167160S	
4	C3003	C.CERAMIC CHIP HIK	1	D011102777160S	
4	C3002	C.CERAMIC CHIP HIK	1	D011103777162S	
4	C3001	C.CERAMIC CHIP HIK	1	D011104577160S	
2	INPUT SEL	P.C.B SUB ASSY	1	7028079484010	
3	*	P.C.B INS ASSY	1	7027079484A10	
4	JP1 JP114 JP12	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079484M10	
4	VEC702	SW,ENCODER	1	G121121200230S	
4	CP702A	CN.WAFER 2.0MM	1	L101521360420S	

3	*	P.C.B INS ASSY	1	7027079484R10	
4	SW715	SW.TACT	1	G180501000010S	
3	*	P.C.B INS ASSY	1	7027079484S10	
4	D711 D712	R.CHIP THICK	2	C200000060201S	
4	C761	R.CHIP THICK	1	C20000006M160S	
4	C758	C.CERAMIC CHIP HIK	1	D011103777162S	
4	C757 C759	C.CERAMIC CHIP HIK	2	D011821777160S	
2	CONNECTOR	P.C.B SUB ASSY	1	7028079485010	
3	*	P.C.B INS ASSY	1	7027079485A10	
4	JP10 JP115	CN,WIRE 1P	6	L045084006040S	
	JP116 JP117				
	JP8 JP9				
3	*	P.C.B INS ASSY	1	7027079485M10	
4	BKT100	BRACKET	1	4010210196000S	
4	BKT101	BRACKET	1	4010210196100S	
4	CN109	CN,WAFER	1	L109012511540S	
4	CN110	CN,WAFER	1	L109012521550S	
3	*	P.C.B INS ASSY	1	7027079485R10	
4	C251C C251FL	C.ELECT GE 85C	8	D040100087070S	
	C251FR C251R				
	C251SL				
	C251SR				
3	*	P.C.B INS ASSY	1	7027079485S10	
4	R840 R846	R.CHIP THICK	2	C20000006M160S	
4	R802 R804	R.CHIP THICK	6	C20001026M160S	
	R806 R809				
4	R800 R801	R.CHIP THICK	8	C20004746M160S	
	R803 R805				
	R807 R808				
4	C250C C250FL	C.CERAMIC CHIP T.C	6	D010100117160S	
	C250FR				
	C250SL				
4	C932 C933	C.CERAMIC CHIP T.C	6	D010820167160S	
	C934 C935				
4	C252C C252FL	C.CERAMIC CHIP HIK	6	D011222777160S	
	C252FR				
	C252SL				

**U004** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	CPU	1	7028079431080	
3	*	1	7027079431A80	
4	*	1	7020079430000S	
	JP10 JP100			
	JP101 JP102			
	JP103 JP104			
	JP105 JP106			
	JP107 JP108			
	JP109 JP110			
	JP111 JP112			
	JP113 JP114			
	JP115 JP116			
	JP117 JP118			
	JP119 JP12			
	JP120 JP121			
	JP122 JP123			
4	JP124 JP125	157	L045084006040S	
	JP126 JP127			
	JP128 JP129			
	JP13 JP130			
	JP131 JP133			
	JP134 JP135			
	JP136 JP138			
	JP139 JP14			
	JP140 JP141			
	JP142 JP143			
	JP144 JP145			
	JP146 JP147			
	JP148 JP149			
	JP150 JP151			
3	*	1	7027079431M80	
4	BKT202	1	4010210196000S	
4	BKT201 BKT203	2	4010210196100S	
4	X201	1	E80016R000890S	
4	CN204	1	L026121032620S	
4	CN203A	1	L109012511140S	
4	CN201	1	L109012513340S	
4	CN208 CN209A	2	L109012521150S	
4	CN211	1	L109012521550S	
4	FPC201	2	L130100111050S	
4	CN704B	1	L130100112950S	
3	*	1	7027079431R80	
4	GND2	1	3790040886000S	
4	R2446	1	C060015165050S	
4	C218	1	D040100087070S	
4	C217	1	D040101083090S	
4	C227	1	D0402R2087160S	
4	C226	1	D040470083080S	
3	*	1	7027079431S80	
4	J332 J333 R309	4	C200000060200S	
	R369			
4	J254 J255 J288	13	C200000061300S	
	J290 J291 J296			
	J297 J298 J299			
	J300 J302 J303			
	J304			



4	C345 C379 C387 C388 J209 J213 J250 J251 J252 J253 J289 J292 J293 J294 J295 J301 J305 R210 R229 R249 R318 <del>R240 R220</del>	R,CHIP THICK	27	C20000006M160S	
4	R297	R,CHIP THICK	1	C20001006M160S	
4	R201 R202 R203 R204 R205 R206 R230 R246 R247 R251 R252 R253 <del>R255 R260</del>	R,CHIP THICK	19	C20001016M160S	
4	R1406 R261 R263 R266	R,CHIP THICK	5	C20001026M160S	
4	C112 R207 R208 R209 R222 R224 R226 R228 R233 R236 <del>R250 R264</del>	R,CHIP THICK	17	C20001036M160S	
4	R258 R272	R,CHIP THICK	3	C20001046M160S	
4	R259	R,CHIP THICK	1	C20001056M160S	
4	R289	R,CHIP THICK	1	C20001246M160S	
4	R331	R,CHIP THICK	1	C20001836M160S	
4	R334	R,CHIP THICK	1	C20002036M160S	
4	R211 R223 R225 R275 R295 R298 R299 R300 R303 R304 R305 R306 R307 R308 R311 R312 R313 R314 <del>R245 R246</del>	R,CHIP THICK	30	C20002206M160S	
4	R284	R,CHIP THICK	1	C20003316M160S	
4	R243 R333	R,CHIP THICK	2	C20003326M160S	
4	R219	R,CHIP THICK	1	C20003636M160S	
4	R288	R,CHIP THICK	1	C20003916M160S	
4	R214 R244 R325 R361	R,CHIP THICK	6	C20004706M160S	
4	R256 R257 R281 R282	R,CHIP THICK	4	C20004726M160S	
4	R213 R215 R216 R217 R220 R221 R227 R234 R235 R237 <del>R245 R248</del>	R,CHIP THICK	18	C20004736M160S	
4	R286 R287	R,CHIP THICK	2	C20004746M160S	
4	C249	C,CERAMIC CHIP T.C	1	D010100117160S	
4	C222	C,CERAMIC CHIP T.C	1	D010101167160S	
4	C216	C,CERAMIC CHIP T.C	1	D010102167160S	
4	C244 C245	C,CERAMIC CHIP T.C	2	D010160167161S	
4	C214	C,CERAMIC CHIP T.C	1	D010331167160S	
4	C253 C254	C,CERAMIC CHIP T.C	2	D010820167160S	
4	C221 C246 C247 C248	C,CERAMIC CHIP HIK	4	D011102777160S	
4	C202 C210 C215 C220 C225 C228 C229 C230 C231 C2312 <del>C2318 C232</del>	C,CERAMIC CHIP HIK	15	D011103777162S	
4	C201 C211 C223 C224 C2313 C2316	C,CERAMIC CHIP HIK	8	D011104577162S	
4	IC204	IC,MEMORY-EEPROM	1	J000241600190S	
4	IC203	IC,CPU MICRO PROCESS	1	J020303020040S	
4	Q201 Q216	SEMI,CHIP TR/PNP 2SA	3	J520015301210S	
4	Q202 Q204	SEMI,CHIP TR/NPN 2SC	2	J522102371210S	
4	Q203 Q206 Q209 Q210 Q211 Q212	SEMI,CHIP TR/NPN 2SC	9	J522305200050S	
4	D201 D202 D203 D206 D2064 D207	D,SWITCHING CHIP	8	K005041480230S	
4	ZD1004	D,ZENER CHIP	1	K06603R34P430S	
4	ZD1005	D,ZENER CHIP	1	K06618R04P430S	
2	PTC	P.C.B SUB ASSY	1	7028079432010	
3	*	P.C.B INS ASSY	1	7027079432M10	
4	CP5	CN.WAFER 2.0MM	1	L101521360320S	
3	*	P.C.B INS ASSY	1	7027079432R10	
4	GND5	TERMINAL	1	3790040886000S	
3	*	P.C.B INS ASSY	1	7027079432S10	
4	R80 R81	POSISTOR	2	F320471000950S	

**U005** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	5CH AMP	P.C.B SUB ASSY	1	7028073661020	
3	*	P.C.B INS ASSY	1	7027073661A20	
4	*	P.C.B	1	7020073660002S	

4	R209C R209FL R,CARBON FILM R209FR R209SL	5	C00001226P520S
4	R207C R207FL R,CARBON FILM R207FR R207SL	5	C00001526P520S
4	R229 R230 R,CARBON FILM	3	C00001536P520S
4	R201C R201FL R,CARBON FILM R201FR R201SL	5	C00002216P520S
4	R227C R227FL R,CARBON FILM R227FR R227SL	5	C00002226P520S
4	R230C R230FL R,CARBON FILM R230FR R230SL	5	C00002236P520S
4	R224C R224FL R,CARBON FILM R224FR R224SL	5	C00002736P520S
4	R214C R214FL R,CARBON FILM R214FR R214SL	5	C00003026P520S
4	R204C R204FL R,CARBON FILM R204FR R204SL R204SR R206C R206FL	10	C00003336P520S
4	R225C R225FL R,CARBON FILM R225FR R225SL	5	C00003346P520S
4	R210C R210FL R,CARBON FILM R210FR R210SL	5	C00004716P520S
4	R208C R208FL R,CARBON FILM R208FR R208SL	5	C00004736P520S
4	R205C R205FL R,CARBON FILM R205FR R205SL	5	C00004746P520S
4	R213C R213FL R,CARBON FILM R213FR R213SL	5	C00007506P520S
4	R203C R203FL R,CARBON FILM R203FR R203SL	5	C00007526P520S
4	R226C R226FL R,CARBON FILM R226FR R226SL	5	C00007536P520S
4	R212C R212FL R,CARBON FILM R212FR R212SL	5	C00008216P520S
4	C206C C206FL C,CERAMIC HIK AXIAL C206FR C206SL	5	D005102177531S
4	C211C C211FL C,CERAMIC HIK AXIAL C211FR C211SL	5	D005223594521S
4	C202C C202FL C,CERAMIC HIK AXIAL C202FR C202SL	5	D005681177521S
4	D201C D201FL D,SWITCHING D201FR D201SL D201SR D202 D202C D202FL D202FR D202SL D202SR D202C	16	K000414800050S
4	DZ202C D,ZENER DZ202FL DZ202FR DZ202SL DZ202SR DZ203C DZ203FL DZ203FR	10	K06004R344522S

	J246 J247 J248			
	J249 J250 J251			
	J252 J253 J254			
	J255 J256 J257			
	J258 J259 J260			
	J261 J262 J263			
	J264 J265 J266			
	J267 J268 J269			
	J270 J271 J272			
	J273 J274 J275			
	J276 J277 J278			
	J279 J280 J281			
	J282 J283 J284			
4	J285 J286 J287 CN,WIRE 1P		94	L045084006040S
	J288 J289 J290			
	J291 J292 J293			
	J294 J295 J296			
	J297 J298 J299			
	J300 J301 J302			
	J303 J304 J305			
	J306 J307 J308			
	J309 J310 J311			
	J312 J313 J314			
	J315 J316 J317			
	J318 J319 J320			
	J321 J322 J323			
	J324 J325 J326			
3	* P.C.B INS ASSY		1	7027073661M20
4	CLP200 CLAMP		1	4330000120000S
4	* SOLDER		####	A740000120020
4	* SOLDER		####	A740000330000
4	CN204 CN,WIRE 2MM		1	L002900102620S
4	CP205 CN.WAFER 2.0MM		1	L101200100310S
4	CP201 CN.WAFER 2.0MM		1	L101200101010S
4	CP203 CN.WAFER 2.5MM		1	L102526700500S
3	* P.C.B INS ASSY		1	7027073661R20
4	FG1 FG2 FG3 TERMINAL		3	3790040886000S
4	R228 R,METAL FILM 100PPM		1	C060010065050S
4	R211C R211FL R,METAL FILM 100PPM		15	C060047063050S
	R211FR			
	R211SL			
	R211SR R218C			
	R218FL			
	R218FR			
	R218SL			
4	R216C R216FL R,METAL FILM 100PPM		10	C060056265050S
	R216FR			
	R216SL			
	R216SR R217C			
	R217FL			
4	C204C C204FL C,CERAMIC T.C DISC		5	D00033006D051S
	C204FR			
	C204SL			
4	C209C C209FL C,CERAMIC HIK DISC		10	D00410107D051S
	C209FR			
	C209SL			
	C209SR C210C			
	C210FL			
4	C201C C201FL C,ELECT GE 85C		11	D040100087070S
	C201FR			
	C201SL			
	C201SR C208C			
	C208FL			
	C208FR			
4	C212 C217 C,ELECT GE 85C		3	D04010008C050S
4	C205C C205FL C,ELECT GE 85C		5	D040101082070S
	C205FR			
	C205SL			
4	C213 C216 C,ELECT GE 85C		2	D040331081050S
4	C207C C207FL C,ELECT GE 85C		5	D040470087070S
	C207FR			
	C207SL			
4	C215 C,ELECT GE 85C		1	D0404R7087250S
4	Q201C Q201FL SEMI,TR/GE PNP 2SA		11	J5000992F0050S
	Q201FR			
	Q201SL			
	Q201SR Q202C			
	Q202FL			
	Q202FR			
4	Q203C Q203FL SEMI,TR/GE NPN 2SC		10	J5023206Y0050S
	Q203FR			
	Q203SL			
	Q203SR Q207C			
	Q207FL			
4	R220C R220FL R,FIXED,M.O.		20	N113136647820S
	R220FR			
	R220SL			
	R220SR R221C			
	R221FL			
	R221FR			
	R221SL			
	R221SR R222C			
	R222FL			
	R222FR			
3	* P.C.B INS ASSY		1	7027073661S20

4	C223C C223FL C,CERAMIC CHIP T.C	34	D010820167200S
	C223FR		
	C223SL		
	C223SR C225C		
	C225FL		
	C225FR		
	C225SL		
	C225SR C226		
	C227 C228		
	C230 C231		
	C232 C233		
	C234 C235		
	C236 C237		
	C240 C241		
4	C212C C212FL C,CERAMIC CHIP T.C	15	D01082016C201S
	C212FR		
	C212SL		
	C212SR C213C		
	C213FL		
	C213FR		
	C213SL		
	C213SR C229C		
4	C245C C245FL C,CERAMIC CHIP T.C	5	D01082116C160S
	C245FR		
	C245SL		

**U006** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	ST BY	P.C.B SUB ASSY	1	7028079491010	
3	*	P.C.B INS ASSY	1	7027079491A10	
4	*	P.C.B	1	7020079490000S	
4	R333	R.CARBON FILM	1	C00003326P520S	
4	D305 D306	D.SWITCHING	4	K000400700220S	!
	D307 D308				
4	ZD301	D.ZENER	1	K06005R144522S	
4	ZD303	D.ZENER	1	K06006R244522S	
4	ZD302	D.ZENER	1	K06015R044522S	
4	J301 J302 J303	CN,WIRE 1P	10	L045084006040S	
	J305 J306 J307				
	J308 J309 J310				
	J311				
3	*	P.C.B INS ASSY	1	7027079491M10	
4	BKT301	BRACKET	1	4010210196000S	
4	BKT302 BKT303	BRACKET	2	4010215796000S	
4	PT301	POWER TRANS	1	8200280150681V	!
4	C304	C.CERAMIC AC(SAFETY)	1	D00847208H010S	
4	C301	C.ELECT GE 85C	1	D040222083010S	
4	RLY301	RELAY	1	G680060103030S	!
4	CP701	CN.WAFER 2.0MM	1	L101521360920S	
4	CP304	CN.WAFER 2.5MM	1	L102001400320S	
4	CP302	CN.WAFER 7.92MM	1	L108011430210S	!
4	CP301	CN.WAFER 7.92MM	1	L108396030010S	!
4	F301	FUSE GLASS TUBE 20MM	1	N751503151160S	!
3	*	P.C.B INS ASSY	1	7027079491R10	
4	R326	R.METAL FILM 100PPM	1	C060056065050S	
4	C302 C315	C.ELECT GE 85C	2	D040010087150S	
4	C303	C.ELECT GE 85C	1	D040101083090S	
4	F301A F301B	HOLDER,FUSE CLIP	2	G645000050010S	
3	*	P.C.B INS ASSY	1	7027079491S10	
4	R336	R.CHIP THICK	1	C20001036M160S	
4	R334	R.CHIP THICK	1	C20002036M160S	
4	R319	R.CHIP THICK	1	C20002226M160S	
4	R318	R.CHIP THICK	1	C20004736M160S	
4	C307	C.CERAMIC CHIP T.C	1	D010331167160S	
4	C305 C306	C.CERAMIC CHIP HIK	2	D011104577160S	
4	IC301	IC.LINEAR-REGULATOR	1	J126111733630S	!
4	Q302	SEMI.CHIP TR/NPN 2SC	1	J522101441210S	
4	Q301 Q303	SEMI.CHIP TR/NPN 2SC	2	J522305200050S	
4	D301 D302	D.SWITCHING CHIP	6	K005041480230S	!
	D303 D304				

**VSX-330-KWMB**

**<Note>**

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

**NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.**

**<Notes>**

**<MB> : 220-240V  
UK model**

**■ : NSP**

**VSX-330-KWMB**

**EXPLODED VIEW PARTS LIST**

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
<b>[ Cabinet, Chassis, Screws, Nuts ]</b>				
1	* CASING ASSY	1	1018HK1508010	
2	* SCREW	6	1500040083B10SV	
2	* CABINET ASSY	1	3008212076000V	
3	59 SHEET	4	1210210235000SV	
3	58 CABINET	1	3007212076020S	
2	57 SPRING	2	3720210556000S	
2	3 KNOB	2	5080212431000S	
2	* SCREW,TAP TITE	4	B020030103B11SV	
1	* WIRING ASSY	1	1028HK1508010	
2	* SCREW	2	1500001206010SV	
2	* SCREW	2	1500001206020SV	
2	55 CHASSIS	1	3207215246250V	
2	* CHASSIS ASSY	1	3208214556201V	
3	22 CHASSIS	1	3200214556211S	
3	24 FOOT	4	4000210391010S	
3	23 CUSHION	4	4050211605000SV	
3	17 SUPPORTER	9	4070001601020S	
3	* SCREW,TAP TITE	4	B020030081B10SV	
2	51 BRACKET	1	401021488600DS	
2	* CLAMP	8	4330040343010S	
2	38 STOPPER	1	4380040162010S	!
2	* SCREW,TAP TITE	5	B020030043B10SV	
2	* SCREW,TAP TITE	22	B020030081B10SV	
2	* SCREW,TAP TITE	5	B020030083B10SV	
2	* SCREW,TAP TITE	24	B020030103B11SV	
2	* SCREW,TAP TITE	6	B020030171B10SV	
2	* SCREW,TAP TITE	1	B020230063B10SV	
2	* SCREW,TAP TITE ASSY	4	B028940101B11SV	
2	A1 CORD ASSY	1	L068250130010S	!
1	* PREPARE ASSY	1	1038HK1508010	
2	* SCREW	1	1500001456010SV	
2	* HEAT SINK ASSY	1	2128212168110BV	
3	25 HEAT SINK	1	2120212168110S	
3	29 BRACKET	3	4010056906010S	
3	* SCREW,TAPPING ASSY	15	B018230141H11SV	
3	* SCREW,TAP TITE	7	B020030081B10SV	
2	5 PANEL	1	3067215861150V	
2	20 PLATE	1	4470212736000S	
2	1 WINDOW	1	50772131130T1S	
2	6 BUTTON	1	5090213741100S	
2	7 BUTTON	1	5090214561200S	
2	8 BUTTON	1	5090214571200S	
2	2 BADGE	1	5637210321200S	
2	* SCREW,TAP TITE	14	B020030081B10SV	
2	* CABLE,FLAT CARD 1.0MM	1	N711290822480S	
<b>[ Semi-conductors ]</b>				
3	Q206C Q206FL SEMI,TR/GE PNP 2SB	5	J5011560P0000S	!
	Q206FR			
	Q206SL			
3	Q204C Q204FL SEMI,TR/GE NPN 2SC	5	J502396400010S	!
	Q204FR			
	Q204SL			
3	Q205C Q205FL SEMI,TR/GE NPN 2SD	5	J5032390P0000S	!
	Q205FR			
	Q205SL			
<b>[ Transformers, Coils ]</b>				
2	52 POWER TRANS	1	8200858500321V	!
<b>[ Frontend, Units ]</b>				
1	<b>U001 P.C.B TOTAL ASSY MAIN</b>	<b>1</b>	<b>7025HK1508010</b>	
2	MAIN P.C.B SUB ASSY MAIN	1	7028079411010	
2	REG P.C.B SUB ASSY REG	1	7028079412010	
2	OPTCO P.C.B SUB ASSY OPTCO	1	7028079413010	
2	G-R P.C.B SUB ASSY G-R	1	7028079415010	
2	G-L P.C.B SUB ASSY G-L	1	7028079416010	
2	WG P.C.B SUB ASSY WG	1	7028079417010	
1	<b>U002 P.C.B TOTAL ASSY DMAIN</b>	<b>1</b>	<b>7025HK1508011</b>	
2	DMAIN P.C.B SUB ASSY DMAIN	1	7028079471010	
1	<b>U003 P.C.B TOTAL ASSY FRONT</b>	<b>1</b>	<b>7025HK1508012</b>	
2	FRONT P.C.B SUB ASSY FRONT	1	7028079481010	
2	HP P.C.B SUB ASSY HP	1	7028079482010	
2	FUSB P.C.B SUB ASSY FUSB	1	7028079483010	
2	INSEL P.C.B SUB ASSY INSEL	1	7028079484010	
2	CONCT P.C.B SUB ASSY CONCT	1	7028079485010	
1	<b>U004 P.C.B TOTAL ASSY CPU</b>	<b>1</b>	<b>7025HK1508013</b>	
2	CPU P.C.B SUB ASSY CPU	1	7028079431070	
2	PTC P.C.B SUB ASSY PTC	1	7028079432010	
1	<b>U005 P.C.B TOTAL ASSY AMP5</b>	<b>1</b>	<b>7025HK1508014</b>	
2	AMP5 P.C.B SUB ASSY AMP5	1	7028073661020	
1	<b>U006 P.C.B TOTAL ASSY SMPS</b>	<b>1</b>	<b>7025HK1508015</b>	
2	SMPS P.C.B SUB ASSY SMPS	1	7028079491030	

**VSX-330-KWMB**

**PACKING PROCEDURES PARTS LIST**

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
	<b>[ Packing ]</b>			
1	* PACKING ASSY	1	1008HK1508010	
2	6 BOX,GIFT	1	60072125800H0V	
2	8 PE,SHEET	1	6327040059000S	
2	9 CUSHION,SNOW	1	6230213384100S	
2	12 LABEL	2	5507000020220V	
2	15 LABEL	1	5507000020150V	
2	16 TAPE	1.4	1220210772000S	
	<b>[ Accessories ]</b>			
2	2 ANTENNA,WIRE	1	E605010140010S	
2	3 ANTENNA,LOOP	1	E601019000010S	
2	4 REMOCON	1	8300774100010S	
2	5 BATTERY,DRY	2	G670001R50243S	
2	7 POLY BAG	1	6337040062010S	
2	10 SHEET	1	5227000008840V	
2	14 INSTRUCTION MANUAL	1	5707000010510V	
2	* TAPE	1.2	A710000360000S	

**VSX-330-KWMB****PC BOARD PARTS LIST****U001 P.C.B TOTAL ASSY**

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	MAIN	1	7028079411010	
3	* P.C.B INS ASSY	1	7027079411A10	
4	* P.C.B	1	7020079410000S	
4	BD601	1	7610010030000S	
4	R20 R21 R22	4	C00001006P520S	
4	R1260	1	C00001026P520S	
4	R463 R468	2	C00001036P520S	
4	R299	1	C00002216P520S	
4	R290 R52	2	C00002226P520S	
4	R296	1	C00002236P520S	
4	R293	1	C00003336P520S	
4	R292	1	C00003626P520S	
4	R294	1	C00004726P520S	
4	R291	1	C00005646P520S	
4	R287	1	C00007516P520S	
4	D23	1	K000400700220S	
4	ZD1	1	K06003R644522S	
4	ZD24 ZD25	2	K06016R044522S	
4	JP100 JP101			
4	JP102 JP103			
4	JP104 JP105			
4	JP106 JP107			
4	JP108 JP109			
4	JP11 JP110			
4	JP111 JP112			
4	JP113 JP114			
4	JP115 JP116			
4	JP117 JP118			
4	JP119 JP12			
4	JP120 JP121			
4	JP122 JP123	128	L045084006040S	
4	JP125 JP126			
4	JP127 JP128			
4	JP129 JP13			
4	JP130 JP131			
4	JP132 JP133			
4	JP135 JP14			
4	JP140 JP141			
4	JP147 JP15			
4	JP16 JP17 JP18			
4	JP19 JP2 JP20			
4	JP21 JP22 JP23			
4	JP24 JP25 JP26			
4	JP28 JP29 JP3			
3	* P.C.B INS ASSY	1	7027079411M10	
4	CLAMP2	1	4330000120000S	
4	R295 R297	2	C141R10069010S	
4	C101	1	D040331088230S	
4	C55 C58	2	D040682088010S	
4	L1 L2 L3 L4 L5	5	D330900001330S	
4	PACK601	1	E903104100783S	
4	JACK101	1	G594408SA030YS	
4	JACK102	1	G596601SA010YS	
4	JACK403	1	G600107A0000YS	
4	JACK401	1	G603610A0001YS	
4	JACK402	1	G606305AW140YS	
4	RLY2 RLY3	3	G680060103010S	
4	RLY5	1	G680240202030S	
4	D7	1	K047100600220S	
4	CN1	1	L026131052250S	
4	CN8	1	L026171062620S	
4	CN2	1	L028201102620S	
4	CN5	1	L028221030010S	
4	CN3	1	L101521371010S	
4	CP1	1	L108353280360S	
4	CP15 CP16	2	L109012511140S	
4	CP110 CP13	2	L109012511540S	
3	* P.C.B INS ASSY	1	7027079411R10	
4	GND4	1	3790040886000S	

4	R11 R13 R25 R5 R7 R9	R,METAL FILM 100PPM	6	C060010065050S
4	R10 R12 R14 R6 R8	R,METAL FILM 100PPM	5	C060010066050S
4	R588 R589	R,METAL FILM 100PPM	2	C060010165060S
4	R64	R,METAL FILM 100PPM	1	C060022063050S
4	R28 R29 R30	R,METAL FILM 100PPM	3	C06002265050S
4	R15 R16	R,METAL FILM 100PPM	2	C060033166050S
4	R35 R36	R,METAL FILM 100PPM	2	C060047363050S
4	R66	R,METAL FILM 100PPM	1	C0604R7065050S
4	C104	C,CERAMIC HIK DISC	1	D00410107D051S
4	C61 C64	C,FILM POLYESTER	2	D02010406C060S
4	C65 C66 C67	C,FILM POLYESTER	4	D02010407H080S
4	C11 C14 C3 C6 C8	C,FILM POLYESTER	5	D02022306C060S
4	C1 C12 C17 C4 C9	C,FILM POLYESTER	5	D02047306C060S
4	C102 C103	C,ELECT GE 85C	3	D040010087150S
4	C462 C464	C,ELECT GE 85C	2	D040100083100S
4	C401 C406	C,ELECT GE 85C	20	D040100087070S
	C420 C439 C446 C460 C475 C486 C492 C498 C499 C506 C507 C509			
4	C99	C,ELECT GE 85C	1	D040101082070S
4	C1233	C,ELECT GE 85C	1	D040101083070S
4	C53	C,ELECT GE 85C	1	D040101084060S
4	C537 C538	C,ELECT GE 85C	2	D040221083110S
4	C1209 C1226	C,ELECT GE 85C	2	D040470083080S
4	C296	C,ELECT GE 85C	1	D0404R7087250S
4	Q17	SEMI,TR/GE PNP 2SA	1	J5000916Y0050S
4	Q129 Q130	SEMI,TR/GE PNP 2SA	3	J5000992FA050S
4	Q132	SEMI,TR/GE NPN 2SC	1	J5023198Y0000S
3	*	P.C.B INS ASSY	1	7027079411S10
4	JP207 JP214 JP215 JP216 JP217 JP218 JP219 JP220 JP221 JP223 JP224	R,CHIP THICK	11	C200000060200S
4	JP146 JP148 JP149 JP156 JP167 JP168 JP210 JP211	R,CHIP THICK	8	C200000061300S
4	C469 J500 J501 J502 J503 JP155 JP200 JP201 JP208 JP209 JP212 JP213 R470 R498 R499 R500 R502 R503 R504 R548 R549 R577	R,CHIP THICK	26	C20000006M160S
4	R461 R469	R,CHIP THICK	3	C20001016M160S
4	R462 R466 R497 R544 R608L R608R	R,CHIP THICK	6	C20001026M160S
4	R39 R40 R409 R420 R428 R43 R435 R448 R45 R514 R559 R560 R561 R566 R568 R569 R572 R573 R574	R,CHIP THICK	23	C20001036M160S
4	R54 R549 R551	R,CHIP THICK	3	C20001046M160S
4	R69 R70	R,CHIP THICK	2	C20001236M160S
4	R507 R554	R,CHIP THICK	2	C20001526M160S
4	R564	R,CHIP THICK	1	C20002226M160S
4	R58 R60	R,CHIP THICK	2	C20002736M160S
4	R521 R530 R532 R541	R,CHIP THICK	6	C20003316M160S
4	R53	R,CHIP THICK	1	C20003336M160S
4	R515	R,CHIP THICK	1	C20003926M160S
4	R1259 R404 R405 R406 R407 R408 R411 R415 R427 R433	R,CHIP THICK	14	C20004716M160S
4	R539 R540	R,CHIP THICK	2	C20004726M160S
4	R410 R421 R429 R436 R449 R467	R,CHIP THICK	7	C20004736M160S
4	R477 R478 R501 R523 R528 R534 R538 R565 R582 R583	R,CHIP THICK	14	C20004746M160S
4	R49 R50 R51	R,CHIP THICK	3	C20005136M160S
4	R548	R,CHIP THICK	1	C20005626M160S
4	R289	R,CHIP THICK	1	C20005646M160S
4	R505 R506	R,CHIP THICK	2	C20006826M160S
4	R1257 R1258	R,CHIP THICK	2	C20006836M160S
4	R1203 R1204 R1206	R,CHIP THICK	3	C20007504M160S
4	R557 R571	R,CHIP THICK	2	C20009136M160S

4	C1206 C407 C409 C419 C426 C435 C465 C474 C477 C480 <del>C493 C496</del>	C,CERAMIC CHIP T.C	16	D010101167160S	
4	C608 C610 C611 C617	C,CERAMIC CHIP T.C	5	D010101167163S	
4	C26 C27 C28 C29 C30 C481	C,CERAMIC CHIP T.C	6	D010102167160S	
4	C494 C497 C502 C505	C,CERAMIC CHIP T.C	6	D010221167160S	
4	C517 C519 C520 C522	C,CERAMIC CHIP T.C	4	D010330167160S	
4	C546 C547 C484	C,CERAMIC CHIP T.C	2	D010331167160S	
4	C511	C,CERAMIC CHIP T.C	1	D010470167160S	
4	C100 C1232 C297 C298 C485 C508 C514 C515 <del>C528 C529 C59</del>	C,CERAMIC CHIP HIK	13	D011103777162S	
4	C441 C473	C,CERAMIC CHIP HIK	2	D011103777200S	
4	C108 C1204 C1205 C1223 C1224 C1227 C1254 C482 C483 C487 <del>C488 C548</del>	C,CERAMIC CHIP HIK	15	D011104577162S	
4	C1225	C,CERAMIC CHIP HIK	1	D011105173161S	
4	C479 C489 C98	C,CERAMIC CHIP HIK	3	D011222777160S	
4	C478	C,CERAMIC CHIP HIK	1	D011224774162S	
4	C512	C,CERAMIC CHIP HIK	1	D011332777160S	
4	C611L C611R	C,CERAMIC CHIP HIK	2	D011472777160S	
4	IC1009	IC,ELECT VR	1	J084347320010S	
4	IC401 IC402 IC403	IC,LINEAR OP	3	J121458001010S	
4	IC1200	IC,LINEAR-DRIVER	1	J127410500010S	
4	Q16	SEMI,CHIP TR/PNP 2SA	1	J520015301210S	
4	Q419 Q426	SEMI,CHIP TR/PNP 2SA	2	J520101411210S	
4	Q2 Q3 Q4 Q5	SEMI,CHIP TR/PNP 2SA	4	J520102371210S	
4	Q402 Q405 Q406 Q407 Q410 Q416	SEMI,CHIP TR/NPN 2SC	7	J522020011210S	
4	Q10 Q11 Q12	SEMI,CHIP TR/NPN 2SC	4	J522102371210S	
4	Q427	SEMI,CHIP TR/NPN 2SC	1	J522104411210S	
4	Q14 Q15	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q425 Q428	SEMI,FET/2SN	2	J544209Y01150S	
4	D125 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D18 D2 D3 D4 D414 <del>D415 D416</del>	D,SWITCHING CHIP	24	K005041480230S	
4	ZD400 ZD401	D,ZENER CHIP	2	K06606R84P430S	
2	REGULATOR	P.C.B SUB ASSY	1	7028079412010	
3	*	P.C.B INS ASSY	1	7027079412A10	
4	D10 D11 D12	D,SWITCHING	4	K000400700220S	!
4	J10 J11 J12 J13 J14 J15 J16 J17 J9 JP158 JP159 JP160 JP161 JP163 JP164 JP165 JP166 JP20	CN,WIRE 1P	18	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079412M10	
4	C85	C,ELECT GE 85C	1	D040102084060S	
4	C292	C,ELECT GE 85C	1	D040103083020S	
4	C84	C,ELECT GE 85C	1	D040472084240S	
4	IC3	IC,LINEAR-REGULATOR	1	J126780500110S	!
4	IC1	IC,LINEAR-REGULATOR	1	J126781200040S	!
4	IC2	IC,LINEAR-REGULATOR	1	J126791200060S	!
4	D121	D,RECTIFIER BRIDGE	1	K047100600220S	
4	CP112	CN,WIRE ASSY	1	L028321062250S	
4	CP2	CN,WAFER 2.0MM	1	L101521370610S	
4	CP3	CN,WAFER 2.5MM	1	L102526700300S	
4	CP113	CN,WAFER 3.96MM	1	L104353130360S	
3	*	P.C.B INS ASSY	1	7027079412R10	
4	R284 R286 R41 R42	R,METAL FILM 100PPM	4	C060R22065050S	
4	C291	C,FILM POLYESTER	1	D02010406C060S	
4	C81	C,FILM POLYESTER	1	D02047306C060S	
4	C90	C,ELECT GE 85C	1	D040101082070S	
4	C88 C89	C,ELECT GE 85C	2	D040101083070S	
3	*	P.C.B INS ASSY	1	7027079412S10	
4	R71 R72	R,CHIP THICK	2	C200010563300S	
4	R75	R,CHIP THICK	1	C200068261300S	
4	C122 C293 C86 C87 C93 C94	C,CERAMIC CHIP HIK	7	D011103777162S	
4	D26 D27 D28	D,SCHOTTKY CHIP	3	K125551300010S	
2	OPT COAX	P.C.B SUB ASSY	1	7028079413010	
3	*	P.C.B INS ASSY	1	7027079413A10	
4	J59 J60 J75	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079413M10	
4	BKT4	BRACKET	1	4010210196100S	
4	JACK1305	MODULE	1	E100802000250S	
4	JACK1306	TER,RCA 1PIN	1	G600107A0000YS	
4	CN2010	CN,WIRE	1	L026500052620S	
3	*	P.C.B INS ASSY	1	7027079413R10	



4	C63	C.ELECT GE 85C	1	D040470083080S
3	*	P.C.B INS ASSY	1	7027079413S10
4	R1457 R1462	R,CHIP THICK	4	C20000006M160S
	R1463 R1464			
4	R1455	R,CHIP THICK	1	C20001016M160S
4	R1460	R,CHIP THICK	1	C20001036M160S
4	R1465	R,CHIP THICK	1	C20001046M160S
4	R1461	R,CHIP THICK	1	C20002226M160S
4	R1458	R,CHIP THICK	1	C20004706M160S
4	R1456	R,CHIP THICK	1	C20007506M160S
4	C1459	C,CERAMIC CHIP T.C	1	D010220167160S
4	C1453	C,CERAMIC CHIP T.C	1	D010220167163S
4	C1456	C,CERAMIC CHIP T.C	1	D010331167160S
4	C1458	C,CERAMIC CHIP T.C	1	D010331167165S
4	C1452 C1455	C,CERAMIC CHIP HIK	2	D011103777162S
4	C1464 C1465	C,CERAMIC CHIP HIK	2	D011104577162S
4	L1411	COIL,INDUCTOR	1	D3104R7010200S
4	L1412	COIL,CHIP	1	D311160802220S
4	L1414	COIL,BEAD	1	D340160811210S
4	L1413	COIL,BEAD	1	D340160831210S
4	IC2009	IC,LOGIC	1	J040740400290S
4	D17	D,SWITCHING CHIP	1	K005041480230S
2	GUIDE R	P.C.B SUB ASSY	1	7028079415010
2	GUIDE L	P.C.B SUB ASSY	1	7028079416010
3	*	P.C.B INS ASSY	1	7027079416M10
4	CLAMP1	CLAMP	1	4330000120000S
2	AMP GUIDE	P.C.B SUB ASSY	1	7028079417010

**U002** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	D MAIN	1	7028079471010	
3	*	1	7027079471M10	
4	BKT1	1	4010210196100S	
4	XTAL2003	1	E80004R000990S	
4	XTAL2002	1	E80024R576890S	
4	CP2006 CP2008	2	L101521370510S	
4	CN101	1	L102001400620S	
4	CN204	1	L109012521150S	
4	CN2003	1	L109012521550S	
4	CN201	1	L109012523350S	
3	*	1	7027079471S10	
4	*	1	7020079470200S	
4	RA1 RA2	2	C180220042100S	
4	JP114 L2025	4	C200000060200S	
	L2026 R1665			
4	JP121 JP122	35	C200000061300S	
	JP123 JP127			
	JP128 JP129			
	JP130 JP132			
	JP133 JP134			
	JP135 JP154			
	JP2003 JP2004			
	JP2005 JP2009			
	JP2011 JP2012			
	JP2013 JP2014			
	JP2017 JP2022			
	JP2024 JP2026			
	JP2027 JP2029			
	JP2031 JP2032			
	JP2038 JP2042			
	JP2043 JP2045			
	JP2051 JP2052			
4	R1667 R1673	40	C20000006M100S	
	R1674 R1675			
	R1895 R2115			
	R2116 R2125			
	R2167 R2169			
	R2177 R2187			
	R2191 R2195			
	R2196 R2197			
	R2198 R2201			
	R2203 R2204			
	R221 R222			
	R2227 R2306			
	R2307 R2308			
	R246 R2482			
	R2483 R36 R56			
	R76 R9601			
	R9602 R9603			
	R9606 R9609			
4	CB2010 CB2014	19	C20000006M160S	
	JP111 JP2001			
	JP2002 JP2010			
	JP2028 JP2034			
	JP2037 JP2039			
	JP2040 JP2041			
	JP2047 JP2053			
	L2005 L2006			
	L2023 L2024			
4	L1618	1	C200010060200S	

4	R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R2100 R2103 R2137 R2139 R2161 R2163 R2165 R2166 R28 R30 R32 R34 R48 R49 R50 R51 R57 R58 R59 R60 R9562 R9604 R9605	R,CHIP THICK	39	C20001006M100S
4	R1864 R1901 R1951 R2062 R2064 R2144 R2145 R2146 R2147 R2148 R2149 R2150 R2151 R2194 R2219 R2220 R2221 R2222 <del>R222 R222</del>	R,CHIP THICK	20	C20001016M100S
4	R2133	R,CHIP THICK	1	C20001024M100S
4	R2294 R2296 R2300 R9684 R9687 R9689 <del>R9696</del>	R,CHIP THICK	7	C20001026M101S
4	R2126 R2127 R2312	R,CHIP THICK	3	C20001034M100S
4	R1664 R2037 R2092 R2156 R2162 R2164 R2168 R2288 R2289 R2291 R2292 R248 R303 R307 R42 R44 R9685 <del>R9688 R9690</del>	R,CHIP THICK	20	C20001036M110S
4	R241 R247	R,CHIP THICK	3	C20001046M100S
4	R100	R,CHIP THICK	1	C20001046M160S
4	R2138 R2140	R,CHIP THICK	2	C200010560200S
4	R2185 R2205 R37 R41	R,CHIP THICK	4	C20001056M101S
4	R2154	R,CHIP THICK	1	C20001234M160S
4	R1860	R,CHIP THICK	1	C20001506M101S
4	R2179 R2184 R2193 R2200 R2213	R,CHIP THICK	5	C20001516M100S
4	R2479	R,CHIP THICK	1	C20001526M101S
4	R1652 R1654	R,CHIP THICK	2	C20001826M101S
4	R2323	R,CHIP THICK	1	C20002014M100S
4	R2134	R,CHIP THICK	1	C20002034M100S
4	R99	R,CHIP THICK	1	C20002044M100S
4	R197 R198 R199 R200 R201 R202 R203 R214 R215 R216 R217 R218 <del>R222 R222</del>	R,CHIP THICK	21	C20002206M101S
4	R242	R,CHIP THICK	1	C20002246M101S
4	R240	R,CHIP THICK	1	C20002256M101S
4	R101	R,CHIP THICK	1	C20002444M100S
4	R245	R,CHIP THICK	1	C20002726M101S
4	R243	R,CHIP THICK	1	C20002736M101S
4	R2322	R,CHIP THICK	1	C20003024M101S
4	R2123 R2131 R2173 R2174 R2178 R2180 R2181 R2182 R2183 R2199 <del>R2224</del>	R,CHIP THICK	11	C20003306M101S
4	R2129	R,CHIP THICK	1	C20003324M100S
4	R2130	R,CHIP THICK	1	C20003914M100S
4	R2186	R,CHIP THICK	1	C20003916M101S
4	R2249 R2250 R2251 R2252 R2253 R2254 R2255 R2256 R2257 R2258 R2259 R2260 R2261 R2262 R2263 R2264 R2265 R2266 R2267 R2268 R2269 R2270 R2271 R2272 R2273 R2274 R2275 R2276 R2277 R2278 R2279 R2280 R2281 R2282 R2283 R2284	R,CHIP THICK	38	C20004306M101S

4	R2157 R2192 R2209 R2210 R2211 R2212 R2214 R2215 R2216 R2217 R2218 R2223 R2229 R2231 R2232 R2235 R2236 R2238 R2241 R2243 R2248 R2293 R301 R39 R40 R77 R78 R79	R,CHIP THICK	32	C20004706M101S
4	R2206	R,CHIP THICK	1	C20004716M101S
4	R2158 R2159 R2171 R2172 R219 R220 R2237 R224 R2242 R225	R,CHIP THICK	12	C20004726M101S
4	R2128	R,CHIP THICK	1	C20004734M100S
4	R111 R1861 R2065 R2091 R2141 R2142 R2155 R2190 R2207 R2225 R2246 R2299 R2316 R238 R2473 R29 R299 R302 R31 R33 R35 R81 R85 R86 R87 R88 R89 R90 R93 R95 R9621	R,CHIP THICK	35	C20004736M101S
4	R2132	R,CHIP THICK	1	C20005124M101S
4	R1666 R1668	R,CHIP THICK	2	C20005606M101S
4	R1669 R2117 R2118	R,CHIP THICK	3	C20006826M101S
4	R244	R,CHIP THICK	1	C20008216M101S
4	C2134 C2220 C2225 C2242 C2245	C,CERAMIC CHIP T.C	5	D010102167100S
4	C2101 C2108	C,CERAMIC CHIP T.C	2	D010102167160S
4	C2091 C2094 C2095 C2109	C,CERAMIC CHIP T.C	4	D010106174300S
4	C86 C87	C,CERAMIC CHIP T.C	2	D010130167100S
4	C2146 C2147	C,CERAMIC CHIP T.C	2	D010140167100S
4	C2124	C,CERAMIC CHIP T.C	1	D010222167160S
4	C2162 C2170	C,CERAMIC CHIP HIK	2	D011100117101S
4	C1 C2061 C2063 C2070 C2084 C2085 C2086 C2093 C2096 C2104 C2185 C216	C,CERAMIC CHIP HIK	13	D011100167101S
4	C172 C182 C2077 C2142 C2143 C2251	C,CERAMIC CHIP HIK	7	D011101167101S
4	C158 C2082 C2117 C2118 C2167 C2168 C2169 C2181 C2182 C2183 C2184 C2188 C2195 C2209 C2213 C2221 C2232 C2240 C2252 C2254 C2256 C2260 C2267 C2268 C2269 C2300	C,CERAMIC CHIP HIK	29	D011102177100S
4	C102 C134 C143 C169 C1845 C1864 C2019 C2052 C2060 C2123 C2129 C2130 C2133 C2136 C2139 C2159 C2202 C2249 C39 C47 C68 C200 C206	C,CERAMIC CHIP HIK	27	D011103774102S
4	C2100 C2106	C,CERAMIC CHIP HIK	2	D011103777162S

	C108 C145			
	C2021 C2022			
	C2027 C2029			
	C2031 C2033			
	C2080 C2097			
	C2098 C2103			
	C2144 C2149			
	C2176 C2177			
	C2178 C2179			
	C2180 C2187			
	C2189 C2190			
	C2192 C2193			
	C2194 C2196			
4	C2197 C2199	C,CERAMIC CHIP HIK	80	D011104177100S
	C2203 C2204			
	C2207 C2210			
	C2211 C2212			
	C2214 C2216			
	C2217 C2218			
	C2219 C2222			
	C2223 C2224			
	C2226 C2228			
	C2229 C2230			
	C2231 C2233			
	C2234 C2235			
	C2237 C2238			
	C2239 C2241			
4	C1603 C2064	C,CERAMIC CHIP HIK	7	D011104577162S
	C2079 C2088			
	C2113 C2322			
4	C100 C101	C,CERAMIC CHIP HIK	18	D011105772101S
	C1695 C1696			
	C181 C1839			
	C26 C27 C29			
	C34 C37 C4			
	C42 C62 C79			
4	C9453	C,CERAMIC CHIP HIK	1	D011105774201S
4	C92 C93	C,CERAMIC CHIP HIK	2	D011106571160S
4	C103 C140	C,CERAMIC CHIP HIK	12	D011106572200S
	C142 C147			
	C175 C190			
	C191 C195			
4	C2132 C2148	C,CERAMIC CHIP HIK	5	D011106573200S
	C2150 C2165			
	C2175			
4	C107	C,CERAMIC CHIP HIK	1	D011221177101S
4	C2099 C2205	C,CERAMIC CHIP HIK	7	D011222177101S
	C2272 C2295			
	C2299 C2302			
	C2303			
4	C2200	C,CERAMIC CHIP HIK	1	D011224771100S
4	C2160	C,CERAMIC CHIP HIK	1	D011224774162S
4	C2110 C2111	C,CERAMIC CHIP HIK	4	D011226573303S
	C2112 C2115			
4	C98	C,CERAMIC CHIP HIK	1	D011226581200S
4	C95 C99	C,CERAMIC CHIP HIK	2	D011330167101S
4	C2083 C2087	C,CERAMIC CHIP HIK	13	D011331167101S
	C2107 C2138			
	C2140 C2155			
	C2186 C2191			
	C2198 C2215			
	C2227 C2236			
	C9452			
4	C110 C1701	C,CERAMIC CHIP HIK	19	D011331177100S
	C1846 C1866			
	C2206 C56 C58			
	C60 C64 C66			
	C70 C90 C9602			
	C9604 C9612			
	C9623 C9740			
	C9742 C9744			
4	C112 C164	C,CERAMIC CHIP HIK	2	D011332177101S
4	C149 C168	C,CERAMIC CHIP HIK	13	D011471177101S
	C183 C188			
	C189 C38 C41			
4	C48 C54 C67	C,CERAMIC CHIP HIK	11	D011472177101S
	C2125 C2156			
	C2304 C2305			
	C2306 C2308			
	C2309 C2310			
	C2345 C2346			
	C2347			
4	C2024	C,CERAMIC CHIP HIK	1	D011475772161S
4	C2062 C2066	C,CERAMIC CHIP HIK	6	D011475773201S
	C2076 C2078			
	C2089 C2092			
4	C2102 C2105	C,CERAMIC CHIP HIK	2	D011682177101S
4	C2350	C,CERAMIC CHIP HIK	1	D011820167101S
4	C2059	C,ELECT CHIP(GE)	1	D050010087200S
4	C2055 C2128	C,ELECT CHIP(GE)	10	D050101081650S
	C2135 C2145			
	C2157 C2161			
	C2171 C2172			
	C2174 C2271			
4	C2081 C33 C35	C,ELECT CHIP(GE)	4	D050101083350S
	C46			
4	C2173 C2296	C,ELECT CHIP(GE)	2	D050220083230S
4	C2131 C2258	C,ELECT CHIP(GE)	2	D050221081220S
4	C9493	C,ELECT CHIP(GE)	1	D0504R7084230S

4	L2012 L2014	COIL,INDUCTOR	2	D3104R7010200S	
4	L9	COIL,INDUCTOR	1	D310604590100S	
4	L2007 L2008	COIL,INDUCTOR	2	D310804061001S	
4	L2031	COIL,CHIP	1	D311121011210S	
4	L11 L13 L14 L15	COIL,CHIP	4	D311121019000S	
4	L2013	COIL,CHIP	1	D311160802220S	
4	L1 L1810 L1817	COIL,BEAD	7	D340100561210S	
4	L3 L5 L7 L8				
4	L2015 L2020	COIL,BEAD	4	D340160811210S	
4	L2029 L2032				
4	L2 L2021 L2022	COIL,BEAD	5	D340212561010S	
4	L4 L6				
4	XTAL2004	CRYSTAL CHIP	1	E80524R000990S	
4	X3000	CRYSTAL CHIP	1	E80527R000890S	
4	IC2018	IC.MEMORY-RAM	1	J001986466020S	
4	IC2019	IC.MEMORY FLASH	1	J005253200060S	
4	IC1	IC.MEMORY FLASH	1	J005254001010S	
4	IC3	IC.CPU MICRO PROCESS	1	J020901560010S	
4	IC1808	IC.LOGIC	1	J040704005550S	
4	IC1812	IC.LOGIC	1	J040741080360S	
4	IC2022	IC.LOGIC	1	J040741570110S	
4	IC2014	IC.LOGIC	1	J040742570040S	
4	IC1602	IC.LOGIC	1	J040864788022S	
4	IC1606	IC.LOGIC-INTERFACE	1	J046205101010S	
4	IC2007 IC2009	IC.LOGIC-D/D CONVER	2	J048650300010S	
4	IC2016	IC.ANALOG	1	J080320805520S	
4	IC2011	IC.ANALOG	1	J080458800010S	
4	IC2	IC.LINEAR POWER	1	J122214300010S	
4	IC2021	IC.LINEAR-REGULATOR	1	J126000005510S	!
4	IC2015	IC.LINEAR-REGULATOR	1	J126111718630S	
4	IC2005 IC2006	IC.LINEAR-REGULATOR	2	J126117050010S	
4	IC2004	IC.LINEAR-REGULATOR	1	J126283133010S	
4	IC2008	IC.LINEAR-REGULATOR	1	J126352932080S	
4	IC9450	IC.LINEAR-REGULATOR	1	J126736112010S	
4	Q9606 Q9608	SEMI,CHIP TR/NPN 2SC	4	J522011400020S	
4	Q9610 Q9612				
4	Q9607 Q9609	SEMI,CHIP TR/NPN 2SC	4	J522012400010S	
4	Q9611 Q9613				
4	Q2027 Q2041	SEMI,CHIP TR/NPN 2SC	2	J522101411210S	
4	Q2050 Q2051	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q2052	SEMI,CHIP TR/NPN 2SD	1	J5232114K0010S	
4	Q2026 Q2040	SEMI.FET CHIP	2	J543608000010S	
4	D2067 D2068	D.SWITCHING CHIP	3	K005041480230S	
4	D2069				
4	D2056 D2057	D.SCHOTTKY CHIP	2	K125551300010S	
4	JA1601 JA9601	CN.WAFER	5	L109100190710S	
4	JA9602 JA9603				
4	JA9604				

**U003** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	FRONT	1	7028079481010	
3	*	1	7027079481A10	
4	*	1	7020079480000S	
4	L702	1	D330100120520S	
4	L701	1	D330101120520S	
4	ZD701	1	K06007R544522S	
4	JP109 JP111	63	L045084006040S	
	JP112 JP120			
	JP121 JP123			
	JP124 JP125			
	JP128 JP129			
	JP15 JP16 JP17			
	JP18 JP19 JP20			
	JP21 JP22 JP23			
	JP24 JP3 JP30			
	JP31 JP32 JP33			
	JP34 JP36 JP37			
	JP38 JP39 JP4			
	JP40 JP42 JP47			
	JP48 JP5 JP6			
	JP61 JP62 JP63			
	JP65 JP66 JP7			
	JP70 JP72 JP77			
	JP78 JP79 JP80			
	JP81 JP82 JP83			
	JP85 JP86 JP87			
	JP88 JP89 JP90			
	JP91 JP92 JP93			
3	*	1	7027079481M10	
4	*	2	4328211306000	
5	*	1	1220211559000S	
5	*	1	4320211306000S	
4	RMC701	1	E940349003810S	
4	VEC701	1	G121122400231S	
4	FLT701	1	K530122400010S	
4	CN702	1	L026600042620S	
4	CN7202B1	1	L026800040170S	
4	CN701	1	L028221092620S	
4	CN704A	1	L130100112950S	
3	*	1	7027079481R10	
4	R779 R780	2	C0602R2063050S	!
4	C718 C719	2	D02047306C060S	
4	C717 C720	3	D040010087150S	
4	C728	1	D040100087070S	
4	C771	1	D040101087060S	
4	C731 C736	2	D040470083080S	

4	SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW716	SW,TACT	15	G180501000010S	
4	Q702	SEMI.TR/GE PNP 2SA	1	J5001266G0050S	!
4	LED703A1	LED,ROUND	1	K500052009011S	
3	*	P.C.B INS ASSY	1	7027079481S10	
4	JP41 JP50 JP51 JP52 JP53 JP54 JP55 JP56 JP57 JP58 JP59 JP60	R,CHIP THICK	12	C200000060201S	
4	JP100 JP101 JP102 JP103 JP104 JP105 JP122 JP126 JP127 JP64 JP67 JP68 JP73 JP74 JP76 JP95 JP96 JP99	R,CHIP THICK	18	C200000061300S	
4	J202 J203 J204 J205 J209 J210 J211 R747	R,CHIP THICK	8	C20000006M160S	
4	R738 R754 R756 R783	R,CHIP THICK	5	C20001016M160S	
4	R757 R771	R,CHIP THICK	2	C20001026M160S	
4	R749 R750 R778 R781	R,CHIP THICK	5	C20001036M160S	
4	R762 R776	R,CHIP THICK	2	C20001236M160S	
4	R737	R,CHIP THICK	1	C20001536M160S	
4	R758 R772	R,CHIP THICK	2	C20002226M160S	
4	R785	R,CHIP THICK	1	C20002736M160S	
4	R777	R,CHIP THICK	1	C20003326M160S	
4	R744	R,CHIP THICK	1	C20003916M160S	
4	R759 R773	R,CHIP THICK	2	C20003926M160S	
4	R739 R740	R,CHIP THICK	3	C20004716M160S	
4	R760 R774	R,CHIP THICK	2	C20005626M160S	
4	R705 R706 R707 R708 R709 R710 R711 R712 R713 R714 R715 R716 R717 R718 R719 R720 R721 R722 R723 R724	R,CHIP THICK	28	C20005636M160S	
4	R761 R775	R,CHIP THICK	2	C20008226M160S	
4	R735	R,CHIP THICK	1	C20008236M160S	
4	C716	C.CERAMIC CHIP T.C	1	D010100167161S	
4	C733 C734	C.CERAMIC CHIP T.C	3	D010101167160S	
4	C745 C755	C.CERAMIC CHIP T.C	2	D010331167160S	
4	C903 C922	C.CERAMIC CHIP T.C	2	D010820167160S	
4	C739 C743	C.CERAMIC CHIP HIK	3	D011102777160S	
4	C725 C732	C.CERAMIC CHIP HIK	2	D011103777162S	
4	C727 C756	C.CERAMIC CHIP HIK	2	D011104577162S	
4	C738 C742	C.CERAMIC CHIP HIK	2	D011821777160S	
4	IC701	IC,LINEAR-DRIVER	1	J127197044010S	
4	Q703	SEMI,CHIP TR/NPN 2SC	1	J522101441210S	
4	Q704	SEMI,CHIP TR/NPN 2SC	1	J522102371210S	
4	D713 D714	D.SWITCHING CHIP	2	K005041480230S	
2	HP	P.C.B SUB ASSY	1	7028079482010	
3	*	P.C.B INS ASSY	1	7027079482A10	
4	JP106 JP108 JP94	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079482M10	
4	*	PLATE	1	4470212746000S	
4	JACK701	JACK,D6.5	1	G402PJ612A09YS	
3	*	P.C.B INS ASSY	1	7027079482S10	
4	R896 R897	R,CHIP THICK	3	C200000060201S	
4	JP113 JP118 JP119	R,CHIP THICK	3	C200000061300S	
4	R895	R,CHIP THICK	1	C20001016M160S	
4	C748	C.CERAMIC CHIP T.C	1	D010060117160S	
4	C749 C750	C.CERAMIC CHIP T.C	2	D010223777160S	
4	C926 C927	C.CERAMIC CHIP T.C	3	D010820167160S	
4	C747	C.CERAMIC CHIP HIK	1	D011104577162S	
4	D705 D706	D.SWITCHING CHIP	2	K005041480230S	
2	USB	P.C.B SUB ASSY	1	7028079483010	
3	*	P.C.B INS ASSY	1	7027079483A10	
4	JP14	CN,WIRE 1P	1	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079483M10	
4	JACK3000	CN,PLUG CONTACT	1	G480040000180S	
4	CN2006	CN,WIRE ASSY	1	L028321050070S	
3	*	P.C.B INS ASSY	1	7027079483R10	
4	C3006	C,ELECT GE 85C	1	D040221081060S	
3	*	P.C.B INS ASSY	1	7027079483S10	
4	R3000 R3001	R,CHIP THICK	2	C20000006M160S	
4	C3004 C3008	C.CERAMIC CHIP T.C	2	D010101167160S	
4	C3003	C.CERAMIC CHIP HIK	1	D011102777160S	
4	C3002	C.CERAMIC CHIP HIK	1	D011103777162S	
4	C3001	C.CERAMIC CHIP HIK	1	D011104577160S	
2	INPUT SEL	P.C.B SUB ASSY	1	7028079484010	
3	*	P.C.B INS ASSY	1	7027079484A10	
4	JP1 JP114 JP12	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079484M10	
4	VEC702	SW,ENCODER	1	G121121200230S	
4	CP702A	CN.WAFER 2.0MM	1	L101521360420S	

3	*	P.C.B INS ASSY	1	7027079484R10	
4	SW715	SW,TACT	1	G180501000010S	
3	*	P.C.B INS ASSY	1	7027079484S10	
4	D711 D712	R,CHIP THICK	2	C200000060201S	
4	C761	R,CHIP THICK	1	C20000006M160S	
4	C758	C,CERAMIC CHIP HIK	1	D011103777162S	
4	C757 C759	C,CERAMIC CHIP HIK	2	D011821777160S	
2	CONNECTOR	P.C.B SUB ASSY	1	7028079485010	
3	*	P.C.B INS ASSY	1	7027079485A10	
4	JP10 JP115	CN,WIRE 1P	6	L045084006040S	
	JP116 JP117				
	JP8 JP9				
3	*	P.C.B INS ASSY	1	7027079485M10	
4	BKT100	BRACKET	1	4010210196000S	
4	BKT101	BRACKET	1	4010210196100S	
4	CN109	CN,WAFER	1	L109012511540S	
4	CN110	CN,WAFER	1	L109012521550S	
3	*	P.C.B INS ASSY	1	7027079485R10	
4	C251C C251FL	C,ELECT GE 85C	8	D040100087070S	
	C251FR C251R				
	C251SL				
	C251SR				
3	*	P.C.B INS ASSY	1	7027079485S10	
4	R840 R846	R,CHIP THICK	2	C20000006M160S	
4	R802 R804	R,CHIP THICK	6	C20001026M160S	
	R806 R809				
4	R800 R801	R,CHIP THICK	8	C20004746M160S	
	R803 R805				
	R807 R808				
4	C250C C250FL	C,CERAMIC CHIP T.C	6	D010100117160S	
	C250FR				
	C250SL				
4	C932 C933	C,CERAMIC CHIP T.C	6	D010820167160S	
	C934 C935				
4	C252C C252FL	C,CERAMIC CHIP HIK	6	D011222777160S	
	C252FR				
	C252SL				

**U004** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
2	CPU	P.C.B SUB ASSY	1	7028079431070	
3	*	P.C.B INS ASSY	1	7027079431A70	
4	*	P.C.B	1	7020079430000S	
	JP10 JP100				
	JP101 JP102				
	JP103 JP104				
	JP105 JP106				
	JP107 JP108				
	JP109 JP110				
	JP111 JP112				
	JP113 JP114				
	JP115 JP116				
	JP117 JP118				
	JP119 JP12				
	JP120 JP121				
4	JP122 JP123	CN,WIRE 1P	157	L045084006040S	
	JP124 JP125				
	JP126 JP127				
	JP128 JP129				
	JP13 JP130				
	JP131 JP133				
	JP134 JP135				
	JP136 JP138				
	JP139 JP14				
	JP140 JP141				
	JP142 JP143				
	JP144 JP145				
	JP146 JP147				
	JP148 JP149				
	JP150 JP151				
3	*	P.C.B INS ASSY	1	7027079431M70	
4	BKT202	BRACKET	1	4010210196000S	
4	BKT201 BKT203	BRACKET	2	4010210196100S	
4	X201	CRYSTAL	1	E80016R000890S	
4	CN204	CN,WIRE	1	L026121032620S	
4	CN203A	CN,WAFER	1	L109012511140S	
4	CN201	CN,WAFER	1	L109012513340S	
4	CN208 CN209A	CN,WAFER	2	L109012521150S	
4	CN211	CN,WAFER	1	L109012521550S	
4	FPC201	CN.FPC 1.0MM	2	L130100111050S	
4	CN704B	CN.FPC 1.0MM	1	L130100112950S	
3	*	P.C.B INS ASSY	1	7027079431R70	
4	GND2	TERMINAL	1	3790040886000S	
4	R2446	R,METAL FILM 100PPM	1	C060015165050S	
4	C218	C,ELECT GE 85C	1	D040100087070S	
4	C217	C,ELECT GE 85C	1	D040101083090S	
4	C227	C,ELECT GE 85C	1	D0402R2087160S	
4	C226	C,ELECT GE 85C	1	D040470083080S	
3	*	P.C.B INS ASSY	1	7027079431S70	
4	J332 J333 R309	R,CHIP THICK	4	C200000060200S	
	R369				
4	J254 J255 J288	R,CHIP THICK	13	C200000061300S	
	J290 J291 J296				
	J297 J298 J299				
	J300 J302 J303				
	J304				

4	C345 C379 C387 C388 J209 J213 J250 J251 J252 J253 J289 J292 J293 J294 J295 J301 J305 R210 R229 R249 R318 <del>R240 R220</del>	R,CHIP THICK	27	C20000006M160S	
4	R297	R,CHIP THICK	1	C20001006M160S	
4	R201 R202 R203 R204 R205 R206 R230 R246 R247 R251 R252 R253 <del>R255 R260</del>	R,CHIP THICK	19	C20001016M160S	
4	R1406 R261 R263 R266	R,CHIP THICK	5	C20001026M160S	
4	C112 R207 R208 R209 R224 R226 R228 R233 R236 R250 <del>R264 R265</del>	R,CHIP THICK	16	C20001036M160S	
4	R258 R272	R,CHIP THICK	3	C20001046M160S	
4	R259	R,CHIP THICK	1	C20001056M160S	
4	R289	R,CHIP THICK	1	C20001246M160S	
4	R331	R,CHIP THICK	1	C20001836M160S	
4	R334	R,CHIP THICK	1	C20002036M160S	
4	R211 R223 R225 R275 R295 R298 R299 R300 R303 R304 R305 R306 R307 R308 R311 R312 R313 R314 <del>R315 R316</del>	R,CHIP THICK	30	C20002206M160S	
4	R284	R,CHIP THICK	1	C20003316M160S	
4	R243 R333	R,CHIP THICK	2	C20003326M160S	
4	R219	R,CHIP THICK	1	C20003636M160S	
4	R288	R,CHIP THICK	1	C20003916M160S	
4	R214 R244 R325 R361	R,CHIP THICK	6	C20004706M160S	
4	R256 R257 R281 R282	R,CHIP THICK	4	C20004726M160S	
4	R213 R215 R216 R217 R220 R221 R222 R227 R234 R235 R237 R245 <del>R248 R274</del>	R,CHIP THICK	19	C20004736M160S	
4	R286 R287	R,CHIP THICK	2	C20004746M160S	
4	C249	C,CERAMIC CHIP T.C	1	D010100117160S	
4	C222	C,CERAMIC CHIP T.C	1	D010101167160S	
4	C216	C,CERAMIC CHIP T.C	1	D010102167160S	
4	C244 C245	C,CERAMIC CHIP T.C	2	D010160167161S	
4	C214	C,CERAMIC CHIP T.C	1	D010331167160S	
4	C253 C254	C,CERAMIC CHIP T.C	2	D010820167160S	
4	C221 C246 C247 C248	C,CERAMIC CHIP HIK	4	D011102777160S	
4	C202 C210 C215 C220 C225 C228 C229 C230 C231 C2312 <del>C2318 C232</del>	C,CERAMIC CHIP HIK	15	D011103777162S	
4	C201 C211 C223 C224 C2313 C2316	C,CERAMIC CHIP HIK	8	D011104577162S	
4	IC204	IC,MEMORY-EEPROM	1	J000241600190S	
4	IC203	IC,CPU MICRO PROCESS	1	J020303020040S	
4	Q201 Q216	SEMI,CHIP TR/PNP 2SA	3	J520015301210S	
4	Q202 Q204	SEMI,CHIP TR/NPN 2SC	2	J522102371210S	
4	Q203 Q206 Q209 Q210 Q211 Q212	SEMI,CHIP TR/NPN 2SC	9	J522305200050S	
4	D201 D202 D203 D206 D2064 D207	D,SWITCHING CHIP	8	K005041480230S	
4	ZD1004	D,ZENER CHIP	1	K06603R34P430S	
4	ZD1005	D,ZENER CHIP	1	K06618R04P430S	
2	PTC	P.C.B SUB ASSY	1	7028079432010	
3	*	P.C.B INS ASSY	1	7027079432M10	
4	CP5	CN,WAFFER 2.0MM	1	L101521360320S	
3	*	P.C.B INS ASSY	1	7027079432R10	
4	GND5	TERMINAL	1	3790040886000S	
3	*	P.C.B INS ASSY	1	7027079432S10	
4	R80 R81	POSISTOR	2	F320471000950S	

**U005** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	5CH AMP	P.C.B SUB ASSY	1	7028073661020	
3	*	P.C.B INS ASSY	1	7027073661A20	
4	*	P.C.B	1	7020073660002S	



4	R209C R209FL R,CARBON FILM R209FR R209SL	5	C00001226P520S
4	R207C R207FL R,CARBON FILM R207FR R207SL	5	C00001526P520S
4	R229 R230 R,CARBON FILM	3	C00001536P520S
4	R201C R201FL R,CARBON FILM R201FR R201SL	5	C00002216P520S
4	R227C R227FL R,CARBON FILM R227FR R227SL	5	C00002226P520S
4	R230C R230FL R,CARBON FILM R230FR R230SL	5	C00002236P520S
4	R224C R224FL R,CARBON FILM R224FR R224SL	5	C00002736P520S
4	R214C R214FL R,CARBON FILM R214FR R214SL	5	C00003026P520S
4	R204C R204FL R,CARBON FILM R204FR R204SL R204SR R206C R206FL	10	C00003336P520S
4	R225C R225FL R,CARBON FILM R225FR R225SL	5	C00003346P520S
4	R210C R210FL R,CARBON FILM R210FR R210SL	5	C00004716P520S
4	R208C R208FL R,CARBON FILM R208FR R208SL	5	C00004736P520S
4	R205C R205FL R,CARBON FILM R205FR R205SL	5	C00004746P520S
4	R213C R213FL R,CARBON FILM R213FR R213SL	5	C00007506P520S
4	R203C R203FL R,CARBON FILM R203FR R203SL	5	C00007526P520S
4	R226C R226FL R,CARBON FILM R226FR R226SL	5	C00007536P520S
4	R212C R212FL R,CARBON FILM R212FR R212SL	5	C00008216P520S
4	C206C C206FL C,CERAMIC HIK AXIAL C206FR C206SL	5	D005102177531S
4	C211C C211FL C,CERAMIC HIK AXIAL C211FR C211SL	5	D005223594521S
4	C202C C202FL C,CERAMIC HIK AXIAL C202FR C202SL	5	D005681177521S
4	D201C D201FL D,SWITCHING D201FR D201SL D201SR D202 D202C D202FL D202FR D202SL D202SR D202C	16	K000414800050S
4	DZ202C D,ZENER DZ202FL DZ202FR DZ202SL DZ202SR DZ203C DZ203FL DZ203FR	10	K06004R344522S

	J246 J247 J248			
	J249 J250 J251			
	J252 J253 J254			
	J255 J256 J257			
	J258 J259 J260			
	J261 J262 J263			
	J264 J265 J266			
	J267 J268 J269			
	J270 J271 J272			
	J273 J274 J275			
	J276 J277 J278			
	J279 J280 J281			
	J282 J283 J284			
4	J285 J286 J287 CN,WIRE 1P		94	L045084006040S
	J288 J289 J290			
	J291 J292 J293			
	J294 J295 J296			
	J297 J298 J299			
	J300 J301 J302			
	J303 J304 J305			
	J306 J307 J308			
	J309 J310 J311			
	J312 J313 J314			
	J315 J316 J317			
	J318 J319 J320			
	J321 J322 J323			
	J324 J325 J326			
3	* P.C.B INS ASSY		1	7027073661M20
4	CLP200 CLAMP		1	4330000120000S
4	* SOLDER		####	A740000120020
4	* SOLDER		####	A740000330000
4	CN204 CN,WIRE 2MM		1	L002900102620S
4	CP205 CN.WAFER 2.0MM		1	L101200100310S
4	CP201 CN.WAFER 2.0MM		1	L101200101010S
4	CP203 CN.WAFER 2.5MM		1	L102526700500S
3	* P.C.B INS ASSY		1	7027073661R20
4	FG1 FG2 FG3 TERMINAL		3	3790040886000S
4	R228 R,METAL FILM 100PPM		1	C060010065050S
4	R211C R211FL R,METAL FILM 100PPM		15	C060047063050S
	R211FR			
	R211SL			
	R211SR R218C			
	R218FL			
	R218FR			
	R218SL			
4	R216C R216FL R,METAL FILM 100PPM		10	C060056265050S
	R216FR			
	R216SL			
	R216SR R217C			
	R217FL			
4	C204C C204FL C,CERAMIC T.C DISC		5	D00033006D051S
	C204FR			
	C204SL			
4	C209C C209FL C,CERAMIC HIK DISC		10	D00410107D051S
	C209FR			
	C209SL			
	C209SR C210C			
	C210FL			
4	C201C C201FL C,ELECT GE 85C		11	D040100087070S
	C201FR			
	C201SL			
	C201SR C208C			
	C208FL			
	C208FR			
4	C212 C217 C,ELECT GE 85C		3	D04010008C050S
4	C205C C205FL C,ELECT GE 85C		5	D040101082070S
	C205FR			
	C205SL			
4	C213 C216 C,ELECT GE 85C		2	D040331081050S
4	C207C C207FL C,ELECT GE 85C		5	D040470087070S
	C207FR			
	C207SL			
4	C215 C,ELECT GE 85C		1	D0404R7087250S
4	Q201C Q201FL SEMI,TR/GE PNP 2SA		11	J5000992F0050S
	Q201FR			
	Q201SL			
	Q201SR Q202C			
	Q202FL			
	Q202FR			
4	Q203C Q203FL SEMI,TR/GE NPN 2SC		10	J5023206Y0050S
	Q203FR			
	Q203SL			
	Q203SR Q207C			
	Q207FL			
4	R220C R220FL R,FIXED,M.O.		20	N113136647820S
	R220FR			
	R220SL			
	R220SR R221C			
	R221FL			
	R221FR			
	R221SL			
	R221SR R222C			
	R222FL			
	R222FR			
3	* P.C.B INS ASSY		1	7027073661S20

4	C223C C223FL C,CERAMIC CHIP T.C	34	D010820167200S
	C223FR		
	C223SL		
	C223SR C225C		
	C225FL		
	C225FR		
	C225SL		
	C225SR C226		
	C227 C228		
	C230 C231		
	C232 C233		
	C234 C235		
	C236 C237		
	C240 C241		
4	C212C C212FL C,CERAMIC CHIP T.C	15	D01082016C201S
	C212FR		
	C212SL		
	C212SR C213C		
	C213FL		
	C213FR		
	C213SL		
	C213SR C220C		
4	C245C C245FL C,CERAMIC CHIP T.C	5	D01082116C160S
	C245FR		
	C245SL		

**U006** P.C.B TOTAL ASSY VSX-330/WMB(PIONEER)/SMPS

	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
2	ST BY	P.C.B SUB ASSY		1	7028079491030	
3	*	P.C.B INS ASSY		1	7027079491A30	
4	*	P.C.B		1	70200794900K0S	
4	R333	R.CARBON FILM		1	C00003326P520S	
4	D305 D306	D.SWITCHING		4	K000400700220S	!
	D307 D308					
4	ZD301	D.ZENER		1	K06005R144522S	
4	ZD303	D.ZENER		1	K06006R244522S	
4	ZD302	D.ZENER		1	K06015R044522S	
4	J301 J302 J303	CN,WIRE 1P		10	L045084006040S	
	J305 J306 J307					
	J308 J309 J310					
	J311					
3	*	P.C.B INS ASSY		1	7027079491M30	
4	BKT301	BRACKET		1	4010210196000S	
4	BKT302 BKT303	BRACKET		2	4010215796000S	
4	PT301	POWER TRANS		1	8200280150681V	!
4	C304	C.CERAMIC AC(SAFETY)		1	D00847208H010S	
4	C301	C.ELECT GE 85C		1	D040222083010S	
4	RLY301	RELAY		1	G680060103030S	!
4	CP701	CN.WAFER 2.0MM		1	L101521360920S	
4	CP304	CN.WAFER 2.5MM		1	L102001400320S	
4	CP302	CN.WAFER 7.92MM		1	L108011430210S	!
4	CP301	CN.WAFER 7.92MM		1	L108396030010S	!
4	F301	FUSE GLASS TUBE 20MM		1	N751503151160S	!
3	*	P.C.B INS ASSY		1	7027079491R30	
4	R326	R.METAL FILM 100PPM		1	C060056065050S	
4	C302 C315	C.ELECT GE 85C		2	D040010087150S	
4	C303	C.ELECT GE 85C		1	D040101083090S	
4	F301A F301B	HOLDER,FUSE CLIP		2	G645000050010S	
3	*	P.C.B INS ASSY		1	7027079491S30	
4	R336	R.CHIP THICK		1	C20001036M160S	
4	R334	R.CHIP THICK		1	C20002036M160S	
4	R319	R.CHIP THICK		1	C20002226M160S	
4	R318	R.CHIP THICK		1	C20004736M160S	
4	C307	C.CERAMIC CHIP T.C		1	D010331167160S	
4	C305 C306	C.CERAMIC CHIP HIK		2	D011104577160S	
4	IC301	IC.LINEAR-REGULATOR		1	J126111733630S	!
4	Q302	SEMI.CHIP TR/NPN 2SC		1	J522101441210S	
4	Q301 Q303	SEMI.CHIP TR/NPN 2SC		2	J522305200050S	
4	D301 D302	D.SWITCHING CHIP		6	K005041480230S	!
	D303 D304					

## VSX-330-KWMP

## &lt;Note&gt;

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

**NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.**

## &lt;Notes&gt;

<MP> : 220-240V  
CE(European) model

NSP

## VSX-330-KWMP

## EXPLODED VIEW PARTS LIST

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
<b>[ Cabinet, Chassis, Screws, Nuts ]</b>				
1	* CASING ASSY	1	1018HK1508030	
2	* SCREW	6	1500040083B10SV	
2	* CABINET ASSY	1	3008212076000V	
3	59 SHEET	4	1210210235000SV	
3	58 CABINET	1	3007212076020S	
2	57 SPRING	2	3720210556000S	
2	3 KNOB	2	5080212431000S	
2	* SCREW,TAP TITE	4	B020030103B11SV	
1	* WIRING ASSY	1	1028HK1508030	
2	* SCREW	2	1500001206010SV	
2	* SCREW	2	1500001206020SV	
2	55 CHASSIS	1	3207215246260V	
2	* CHASSIS ASSY	1	3208214556201V	
3	22 CHASSIS	1	3200214556211S	
3	24 FOOT	4	4000210391010S	
3	23 CUSHION	4	4050211605000SV	
3	17 SUPPORTER	9	4070001601020S	
3	* SCREW,TAP TITE	4	B020030081B10SV	
2	51 BRACKET	1	401021488600DS	
2	* CLAMP	8	4330040343010S	
2	38 STOPPER	1	4380040162010S	!
2	* SCREW,TAP TITE	5	B020030043B10SV	
2	* SCREW,TAP TITE	22	B020030081B10SV	
2	* SCREW,TAP TITE	5	B020030083B10SV	
2	* SCREW,TAP TITE	24	B020030103B11SV	
2	* SCREW,TAP TITE	6	B020030171B10SV	
2	* SCREW,TAP TITE	1	B020230063B10SV	
2	* SCREW,TAP TITE ASSY	4	B028940101B11SV	
2	A1 CORD ASSY	1	L068250161710S	!
1	* PREPARE ASSY	1	1038HK1508030	
2	* SCREW	1	1500001456010SV	
2	* HEAT SINK ASSY	1	2128212168110BV	
3	25 HEAT SINK	1	2120212168110S	
3	29 BRACKET	3	4010056906010S	
3	* SCREW,TAPPING ASSY	15	B018230141H11SV	
3	* SCREW,TAP TITE	7	B020030081B10SV	
2	5 PANEL	1	3067215861150V	
2	20 PLATE	1	4470212736000S	
2	1 WINDOW	1	50772131130T1S	
2	6 BUTTON	1	5090213741100S	
2	7 BUTTON	1	5090214561200S	
2	8 BUTTON	1	5090214571200S	
2	2 BADGE	1	5637210321200S	
2	* SCREW,TAP TITE	14	B020030081B10SV	
2	* CABLE,FLAT CARD 1.0MM	1	N711290822480S	
<b>[ Semi-conductors ]</b>				
3	Q206C Q206FL SEMI,TR/GE PNP 2SB	5	J5011560P0000S	!
3	Q204C Q204FL SEMI,TR/GE NPN 2SC	5	J502396400010S	!
3	Q205C Q205FL SEMI,TR/GE NPN 2SD	5	J5032390P0000S	!
<b>[ Transformers, Coils ]</b>				
2	52 POWER TRANS	1	8200858500321V	
<b>[ Frontend, Units ]</b>				
1	<b>U001 P.C.B TOTAL ASSY MAIN</b>	<b>1</b>	<b>7025HK1508030</b>	
2	MAIN P.C.B SUB ASSY MAIN	1	7028079411010	
2	REG P.C.B SUB ASSY REG	1	7028079412010	
2	OPTCO P.C.B SUB ASSY OPTCO	1	7028079413010	
2	G-R P.C.B SUB ASSY G-R	1	7028079415010	
2	G-L P.C.B SUB ASSY G-L	1	7028079416010	
2	WG P.C.B SUB ASSY WG	1	7028079417010	
1	<b>U002 P.C.B TOTAL ASSY DMAIN</b>	<b>1</b>	<b>7025HK1508031</b>	
2	DMAIN P.C.B SUB ASSY DMAIN	1	7028079471010	
1	<b>U003 P.C.B TOTAL ASSY FRONT</b>	<b>1</b>	<b>7025HK1508032</b>	
2	FRONT P.C.B SUB ASSY FRONT	1	7028079481010	
2	HP P.C.B SUB ASSY HP	1	7028079482010	
2	FUSB P.C.B SUB ASSY FUSB	1	7028079483010	
2	INSEL P.C.B SUB ASSY INSEL	1	7028079484010	
2	SONCT P.C.B SUB ASSY CONCT	1	7028079485010	
1	<b>U004 P.C.B TOTAL ASSY CPU</b>	<b>1</b>	<b>7025HK1508033</b>	
2	CPU P.C.B SUB ASSY CPU	1	7028079431060	
2	PTC P.C.B SUB ASSY PTC	1	7028079432010	

1	U005	P.C.B TOTAL ASSY AMP5	1	7025HK1508034	
2	AMP5	P.C.B SUB ASSY AMP5	1	7028073661020	
1	U006	P.C.B TOTAL ASSY SMPS	1	7025HK1508035	
2	SMPS	P.C.B SUB ASSY SMPS	1	7028079491030	

## VSX-330-KWMP

## PACKING PROCEDURES PARTS LIST

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
[ Packing ]				
1	* PACKING ASSY	1	1008HK1508030	
2	* TAPE	1.4	1220210772000S	
2	16 SHEET	1	5227000008840V	
2	10 LABEL	2	5507000020240V	
2	12 LABEL	1	5507000020300S	
2	14 INSTRUCTION MANUAL	1	5707000010510V	
2	14 INSTRUCTION MANUAL	1	5707000010560V	
2	14 INSTRUCTION MANUAL	1	5707000010570V	
2	11 WARRANTY CARD	1	5727000000162V	
2	6 BOX,GIFT	1	60072125800K0V	
2	9 CUSHION,SNOW	1	6230213384100S	
2	8 PE,SHEET	1	6327040059000S	
2	7 POLY BAG	1	6337040062010S	
2	4 REMOCON	1	8300774100010S	
2	* TAPE	1.2	A710000360000S	
2	3 ANTENNA,LOOP	1	E601019000010S	
2	2 ANTENNA,WIRE	1	E605010140010S	
2	5 BATTERY,DRY	2	G670001R50243S	

## [ Accessories ]

## VSX-330-KWMP

## PC BOARD PARTS LIST

## U001 P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	MAIN P.C.B SUB ASSY	1	7028079411010	
3	* P.C.B INS ASSY	1	7027079411A10	
4	* P.C.B	1	7020079410000S	
4	BD601 BEAD,COIL	1	7610010030000S	
4	R20 R21 R22 R,CARBON FILM	4	C00001006P520S	
4	R1260 R,CARBON FILM	1	C00001026P520S	
4	R463 R468 R,CARBON FILM	2	C00001036P520S	
4	R299 R,CARBON FILM	1	C00002216P520S	
4	R290 R52 R,CARBON FILM	2	C00002226P520S	
4	R296 R,CARBON FILM	1	C00002236P520S	
4	R293 R,CARBON FILM	1	C00003336P520S	
4	R292 R,CARBON FILM	1	C00003626P520S	
4	R294 R,CARBON FILM	1	C00004726P520S	
4	R291 R,CARBON FILM	1	C00005646P520S	
4	R287 R,CARBON FILM	1	C00007516P520S	
4	D23 D.SWITCHING	1	K000400700220S	
4	ZD1 D.ZENER	1	K06003R644522S	
4	ZD24 ZD25 D.ZENER	2	K06016R044522S	
	J418 JP1 JP10			
	JP100 JP101			
	JP102 JP103			
	JP104 JP105			
	JP106 JP107			
	JP108 JP109			
	JP11 JP110			
	JP111 JP112			
	JP113 JP114			
	JP115 JP116			
	JP117 JP118			
	JP119 JP12			
	JP120 JP121			
4	JP122 JP123 CN,WIRE 1P	128	L045084006040S	
	JP125 JP126			
	JP127 JP128			
	JP129 JP13			
	JP130 JP131			
	JP132 JP133			
	JP135 JP14			
	JP140 JP141			
	JP147 JP15			
	JP16 JP17 JP18			
	JP19 JP2 JP20			
	JP21 JP22 JP23			
	JP24 JP25 JP26			
	JP28 JP29 JP3			
3	* P.C.B INS ASSY	1	7027079411M10	
4	CLAMP2 CLAMP	1	4330000120000S	
4	R295 R297 R.CEMENT RADIAL FORM	2	C141R10069010S	
4	C101 C.ELECT GE 85C	1	D040331088230S	
4	C55 C58 C.ELECT GE 85C	2	D040682088010S	
4	L1 L2 L3 L4 L5 COIL,FILTER-INDUCTOR	5	D330900001330S	
4	PACK601 TUNER,FM/AM	1	E903104100783S	
4	JACK101 TER,BOARD PUSH 4P	1	G594408SA030YS	

4	JACK102	TER,BOARD PUSH 6P	1	G596601SA010YS
4	JACK403	TER,RCA 1PIN	1	G600107A0000YS
4	JACK401	TER,RCA 6PIN	1	G603610A0001YS
4	JACK402	TER,RCA 3PIN	1	G606305AW140YS
4	RLY2 RLY3	RELAY	3	G680060103010S
4	RLY5	RELAY	1	G680240202030S
4	D7	D,RECTIFIER BRIDGE	1	K047100600220S
4	CN1	CN,WIRE	1	L026131052250S
4	CN8	CN,WIRE	1	L026171062620S
4	CN2	CN,WIRE ASSY	1	L028201102620S
4	CN5	CN,WIRE ASSY	1	L028221030010S
4	CN3	CN,WAFER 2.0MM	1	L101521371010S
4	CP1	CN,WAFER 7.92MM	1	L108353280360S
4	CP15 CP16	CN,WAFER	2	L109012511140S
4	CP110 CP13	CN,WAFER	2	L109012511540S
3	*	P.C.B INS ASSY	1	7027079411R10
4	GND4	TERMINAL	1	3790040886000S
4	R11 R13 R25 R5 R7 R9	R,METAL FILM 100PPM	6	C060010065050S
4	R10 R12 R14 R6 R8	R,METAL FILM 100PPM	5	C060010066050S
4	R588 R589	R,METAL FILM 100PPM	2	C060010165060S
4	R64	R,METAL FILM 100PPM	1	C060022063050S
4	R28 R29 R30	R,METAL FILM 100PPM	3	C060022265050S
4	R15 R16	R,METAL FILM 100PPM	2	C060033166050S
4	R35 R36	R,METAL FILM 100PPM	2	C060047363050S
4	R66	R,METAL FILM 100PPM	1	C0604R7065050S
4	C104	C,CERAMIC HIK DISC	1	D00410107D051S
4	C61 C64	C,FILM POLYESTER	2	D02010406C060S
4	C65 C66 C67	C,FILM POLYESTER	4	D02010407H080S
4	C11 C14 C3 C6 C8	C,FILM POLYESTER	5	D02022306C060S
4	C1 C12 C17 C4 C9	C,FILM POLYESTER	5	D02047306C060S
4	C102 C103	C,ELECT GE 85C	3	D040010087150S
4	C462 C464	C,ELECT GE 85C	2	D040100083100S
4	C401 C406	C,ELECT GE 85C	20	D040100087070S
	C420 C439 C446 C460 C475 C486 C492 C498 C499 C506 C507 C509			
4	C99	C,ELECT GE 85C	1	D040101082070S
4	C1233	C,ELECT GE 85C	1	D040101083070S
4	C53	C,ELECT GE 85C	1	D040101084060S
4	C537 C538	C,ELECT GE 85C	2	D040221083110S
4	C1209 C1226	C,ELECT GE 85C	2	D040470083080S
4	C296	C,ELECT GE 85C	1	D0404R7087250S
4	Q17	SEMI,TR/GE PNP 2SA	1	J5000916Y0050S
4	Q129 Q130	SEMI,TR/GE PNP 2SA	3	J5000992FA050S
4	Q132	SEMI,TR/GE NPN 2SC	1	J5023198Y0000S
3	*	P.C.B INS ASSY	1	7027079411S10
4	JP207 JP214 JP215 JP216 JP217 JP218 JP219 JP220 JP221 JP223 JP224	R,CHIP THICK	11	C200000060200S
4	JP146 JP148 JP149 JP156 JP167 JP168 JP210 JP211	R,CHIP THICK	8	C200000061300S
4	C469 J500 J501 J502 J503 JP155 JP200 JP201 JP208 JP209 JP212 JP213 R470 R498 R499 R500 R502 R503 R504 R510 R510 R517	R,CHIP THICK	26	C20000006M160S
4	R461 R469	R,CHIP THICK	3	C20001016M160S
4	R462 R466 R497 R544 R608L R608R	R,CHIP THICK	6	C20001026M160S
4	R39 R40 R409 R420 R428 R43 R435 R448 R45 R514 R559 R560 R561 R566 R568 R569 R572 R573 R574	R,CHIP THICK	23	C20001036M160S
4	R54 R549 R551	R,CHIP THICK	3	C20001046M160S
4	R69 R70	R,CHIP THICK	2	C20001236M160S
4	R507 R554	R,CHIP THICK	2	C20001526M160S
4	R564	R,CHIP THICK	1	C20002226M160S
4	R58 R60	R,CHIP THICK	2	C20002736M160S
4	R521 R530 R532 R541	R,CHIP THICK	6	C20003316M160S
4	R53	R,CHIP THICK	1	C20003336M160S
4	R515	R,CHIP THICK	1	C20003926M160S
4	R1259 R404 R405 R406 R407 R408 R411 R415 R427 R433	R,CHIP THICK	14	C20004716M160S
4	R539 R540	R,CHIP THICK	2	C20004726M160S

4	R410 R421 R429 R436 R449 R467	R,CHIP THICK	7	C20004736M160S	
4	R477 R478 R501 R523 R528 R534 R538 R565 R582 R583	R,CHIP THICK	14	C20004746M160S	
4	R49 R50 R51	R,CHIP THICK	3	C20005136M160S	
4	R548	R,CHIP THICK	1	C20005626M160S	
4	R289	R,CHIP THICK	1	C20005646M160S	
4	R505 R506	R,CHIP THICK	2	C20006826M160S	
4	R1257 R1258	R,CHIP THICK	2	C20006836M160S	
4	R1203 R1204 R1206	R,CHIP THICK	3	C20007504M160S	
4	R557 R571	R,CHIP THICK	2	C20009136M160S	
4	C1206 C407 C409 C419 C426 C435 C465 C474 C477 C480 C493 C496	C,CERAMIC CHIP T.C	16	D010101167160S	
4	C608 C610 C611 C617	C,CERAMIC CHIP T.C	5	D010101167163S	
4	C26 C27 C28 C29 C30 C481	C,CERAMIC CHIP T.C	6	D010102167160S	
4	C494 C497 C502 C505	C,CERAMIC CHIP T.C	6	D010221167160S	
4	C517 C519 C520 C522	C,CERAMIC CHIP T.C	4	D010330167160S	
4	C546 C547	C,CERAMIC CHIP T.C	2	D010331167160S	
4	C484	C,CERAMIC CHIP T.C	1	D010470167160S	
4	C511	C,CERAMIC CHIP T.C	1	D010681167160S	
4	C100 C1232 C297 C298 C485 C508 C514 C515 C528 C529 C59	C,CERAMIC CHIP HIK	13	D011103777162S	
4	C441 C473	C,CERAMIC CHIP HIK	2	D011103777200S	
4	C108 C1204 C1205 C1223 C1224 C1227 C1254 C482 C483 C487 C488 C548	C,CERAMIC CHIP HIK	15	D011104577162S	
4	C1225	C,CERAMIC CHIP HIK	1	D011105173161S	
4	C479 C489 C98	C,CERAMIC CHIP HIK	3	D011222777160S	
4	C478	C,CERAMIC CHIP HIK	1	D011224774162S	
4	C512	C,CERAMIC CHIP HIK	1	D011332777160S	
4	C611L C611R	C,CERAMIC CHIP HIK	2	D011472777160S	
4	IC1009	IC,ELECT VR	1	J084347320010S	
4	IC401 IC402 IC403	IC,LINEAR OP	3	J121458001010S	
4	IC1200	IC,LINEAR-DRIVER	1	J127410500010S	
4	Q16	SEMI,CHIP TR/PNP 2SA	1	J520015301210S	
4	Q419 Q426	SEMI,CHIP TR/PNP 2SA	2	J520101411210S	
4	Q2 Q3 Q4 Q5	SEMI,CHIP TR/PNP 2SA	4	J520102371210S	
4	Q402 Q405 Q406 Q407 Q410 Q416	SEMI,CHIP TR/NPN 2SC	7	J522020011210S	
4	Q10 Q11 Q12	SEMI,CHIP TR/NPN 2SC	4	J522102371210S	!
4	Q427	SEMI,CHIP TR/NPN 2SC	1	J522104411210S	
4	Q14 Q15	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q425 Q428	SEMI,FET/2SN	2	J544209Y01150S	
4	D125 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D18 D2 D3 D4 D414 D415 D416	D,SWITCHING CHIP	24	K005041480230S	
4	ZD400 ZD401	D,ZENER CHIP	2	K06606R84P430S	
2	REGULATOR	P.C.B SUB ASSY	1	7028079412010	
3	*	P.C.B INS ASSY	1	7027079412A10	
4	D10 D11 D12	D,SWITCHING	4	K000400700220S	
4	J10 J11 J12 J13 J14 J15 J16 J17 J9 JP158 JP159 JP160 JP161 JP163 JP164 JP165 JP166 JP20	CN,WIRE 1P	18	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079412M10	
4	C85	C,ELECT GE 85C	1	D040102084060S	
4	C292	C,ELECT GE 85C	1	D040103083020S	
4	C84	C,ELECT GE 85C	1	D040472084240S	
4	IC3	IC,LINEAR-REGULATOR	1	J126780500110S	!
4	IC1	IC,LINEAR-REGULATOR	1	J126781200040S	!
4	IC2	IC,LINEAR-REGULATOR	1	J126791200060S	!
4	D121	D,RECTIFIER BRIDGE	1	K047100600220S	
4	CP112	CN,WIRE ASSY	1	L028321062250S	
4	CP2	CN.WAFER 2.0MM	1	L101521370610S	
4	CP3	CN.WAFER 2.5MM	1	L102526700300S	
4	CP113	CN.WAFER 3.96MM	1	L104353130360S	
3	*	P.C.B INS ASSY	1	7027079412R10	
4	R284 R286 R41 R42	R,METAL FILM 100PPM	4	C060R22065050S	
4	C291	C,FILM POLYESTER	1	D02010406C060S	
4	C81	C,FILM POLYESTER	1	D02047306C060S	
4	C90	C,ELECT GE 85C	1	D040101082070S	

4	C88 C89	C.ELECT GE 85C	2	D040101083070S
3	*	P.C.B INS ASSY	1	7027079412S10
4	R71 R72	R.CHIP THICK	2	C200010563300S
4	R75	R.CHIP THICK	1	C200068261300S
4	C122 C293 C86 C87 C93 C94	C.CERAMIC CHIP HIK	7	D011103777162S
4	D26 D27 D28	D.SCHOTTKY CHIP	3	K125551300010S
2	OPT COAX	P.C.B SUB ASSY	1	7028079413010
3	*	P.C.B INS ASSY	1	7027079413A10
4	J59 J60 J75	CN,WIRE 1P	3	L045084006040S
3	*	P.C.B INS ASSY	1	7027079413M10
4	BKT4	BRACKET	1	4010210196100S
4	JACK1305	MODULE	1	E100802000250S
4	JACK1306	TER,RCA 1PIN	1	G600107A0000YS
4	CN2010	CN,WIRE	1	L026500052620S
3	*	P.C.B INS ASSY	1	7027079413R10
4	C63	C.ELECT GE 85C	1	D040470083080S
3	*	P.C.B INS ASSY	1	7027079413S10
4	R1457 R1462	R.CHIP THICK	4	C20000006M160S
4	R1463 R1464	R.CHIP THICK	1	C20001016M160S
4	R1455	R.CHIP THICK	1	C20001036M160S
4	R1460	R.CHIP THICK	1	C20001046M160S
4	R1465	R.CHIP THICK	1	C20002226M160S
4	R1461	R.CHIP THICK	1	C20004706M160S
4	R1458	R.CHIP THICK	1	C20007506M160S
4	R1456	R.CHIP THICK	1	D010220167160S
4	C1459	C.CERAMIC CHIP T.C	1	D010220167163S
4	C1453	C.CERAMIC CHIP T.C	1	D010331167160S
4	C1456	C.CERAMIC CHIP T.C	1	D010331167165S
4	C1458	C.CERAMIC CHIP T.C	2	D011103777162S
4	C1452 C1455	C.CERAMIC CHIP HIK	2	D011104577162S
4	C1464 C1465	C.CERAMIC CHIP HIK	1	D3104R7010200S
4	L1411	COIL,INDUCTOR	1	D311160802220S
4	L1412	COIL,CHIP	1	D340160811210S
4	L1414	COIL,BEAD	1	D340160831210S
4	L1413	COIL,BEAD	1	J040740400290S
4	IC2009	IC.LOGIC	1	K005041480230S
4	D17	D.SWITCHING CHIP	1	7028079415010
2	GUIDE R	P.C.B SUB ASSY	1	7028079416010
2	GUIDE L	P.C.B SUB ASSY	1	7027079416M10
3	*	P.C.B INS ASSY	1	4330000120000S
4	CLAMP1	CLAMP	1	7028079417010
2	AMP GUIDE	P.C.B SUB ASSY	1	

**U002** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	D MAIN	1	7028079471010	
3	*	1	7027079471M10	
4	BKT1	1	4010210196100S	
4	XTAL2003	1	E80004R000990S	
4	XTAL2002	1	E80024R576890S	
4	CP2006 CP2008	2	L101521370510S	
4	CN101	1	L102001400620S	
4	CN204	1	L109012521150S	
4	CN2003	1	L109012521550S	
4	CN201	1	L109012523350S	
3	*	1	7027079471S10	
4	*	1	7020079470200S	
4	RA1 RA2	2	C180220042100S	
4	JP114 L2025	4	C200000060200S	
4	L2026 R1665			
4	JP121 JP122	35	C200000061300S	
	JP123 JP127			
	JP128 JP129			
	JP130 JP132			
	JP133 JP134			
	JP135 JP154			
	JP2003 JP2004			
	JP2005 JP2009			
	JP2011 JP2012			
	JP2013 JP2014			
	JP2017 JP2022			
	JP2024 JP2026			
	JP2027 JP2029			
	JP2031 JP2032			
	JP2038 JP2042			
	JP2043 JP2045			
	JP2051 JP2052			
4	R1667 R1673	40	C20000006M100S	
	R1674 R1675			
	R1895 R2115			
	R2116 R2125			
	R2167 R2169			
	R2177 R2187			
	R2191 R2195			
	R2196 R2197			
	R2198 R2201			
	R2203 R2204			
	R221 R222			
	R2227 R2306			
	R2307 R2308			
	R246 R2482			
	R2483 R36 R56			
	R76 R9601			
	R9602 R9603			
	R9606 R9609			



4	CB2010 CB2014 R,CHIP THICK		19	C20000006M160S
	JP111 JP2001			
	JP2002 JP2010			
	JP2028 JP2034			
	JP2037 JP2039			
	JP2040 JP2041			
	JP2047 JP2053			
	L2005 L2006			
	L2023 L2024			
	L2025			
4	L1618 R,CHIP THICK		1	C200010060200S
4	R10 R11 R12 R,CHIP THICK		39	C20001006M100S
	R13 R14 R15			
	R16 R17 R18			
	R19 R2100			
	R2103 R2137			
	R2139 R2161			
	R2163 R2165			
	R2166 R28 R30			
	R32 R34 R48			
	R49 R50 R51			
	R57 R58 R59			
	R60 R9562			
	R9604 R9605			
4	R1864 R1901 R,CHIP THICK		20	C20001016M100S
	R1951 R2062			
	R2064 R2144			
	R2145 R2146			
	R2147 R2148			
	R2149 R2150			
	R2151 R2194			
	R2219 R2220			
	R2221 R2222			
	R226 R2266			
4	R2133 R,CHIP THICK		1	C20001024M100S
4	R2294 R2296 R,CHIP THICK		7	C20001026M101S
	R2300 R9684			
	R9687 R9689			
	R9696			
4	R2126 R2127 R,CHIP THICK		3	C20001034M100S
	R2312			
4	R1664 R2037 R,CHIP THICK		20	C20001036M110S
	R2092 R2156			
	R2162 R2164			
	R2168 R2288			
	R2289 R2291			
	R2292 R248			
	R303 R307 R42			
	R44 R9685			
	R2089 R2600			
4	R241 R247 R,CHIP THICK		3	C20001046M100S
4	R100 R,CHIP THICK		1	C20001046M160S
4	R2138 R2140 R,CHIP THICK		2	C200010560200S
4	R2185 R2205 R,CHIP THICK		4	C20001056M101S
	R37 R41			
4	R2154 R,CHIP THICK		1	C20001234M160S
4	R1860 R,CHIP THICK		1	C20001506M101S
4	R2179 R2184 R,CHIP THICK		5	C20001516M100S
	R2193 R2200			
	R2213			
4	R2479 R,CHIP THICK		1	C20001526M101S
4	R1652 R1654 R,CHIP THICK		2	C20001826M101S
4	R2323 R,CHIP THICK		1	C20002014M100S
4	R2134 R,CHIP THICK		1	C20002034M100S
4	R99 R,CHIP THICK		1	C20002044M100S
4	R197 R198 R,CHIP THICK		21	C20002206M101S
	R199 R200			
	R201 R202			
	R203 R214			
	R215 R216			
	R217 R218			
	R223 R229			
4	R242 R,CHIP THICK		1	C20002246M101S
4	R240 R,CHIP THICK		1	C20002256M101S
4	R101 R,CHIP THICK		1	C20002444M100S
4	R245 R,CHIP THICK		1	C20002726M101S
4	R243 R,CHIP THICK		1	C20002736M101S
4	R2322 R,CHIP THICK		1	C20003024M101S
4	R2123 R2131 R,CHIP THICK		11	C20003306M101S
	R2173 R2174			
	R2178 R2180			
	R2181 R2182			
	R2183 R2199			
	R2224			
4	R2129 R,CHIP THICK		1	C20003324M100S
4	R2130 R,CHIP THICK		1	C20003914M100S
4	R2186 R,CHIP THICK		1	C20003916M101S

4	R2249 R2250 R2251 R2252 R2253 R2254 R2255 R2256 R2257 R2258 R2259 R2260 R2261 R2262 R2263 R2264 R2265 R2266 R2267 R2268 R2269 R2270 R2271 R2272 R2273 R2274 R2275 R2276 R2277 R2278 R2279 R2280 R2281 R2282 R2283 R2284	R,CHIP THICK	38	C20004306M101S
4	R2157 R2192 R2209 R2210 R2211 R2212 R2214 R2215 R2216 R2217 R2218 R2223 R2229 R2231 R2232 R2235 R2236 R2238 R2241 R2243 R2248 R2293 R301 R39 R40 R77 R78 R79	R,CHIP THICK	32	C20004706M101S
4	R2206	R,CHIP THICK	1	C20004716M101S
4	R2158 R2159 R2171 R2172 R219 R220 R2237 R224 <del>R2242 R225</del>	R,CHIP THICK	12	C20004726M101S
4	R2128	R,CHIP THICK	1	C20004734M100S
4	R111 R1861 R2065 R2091 R2141 R2142 R2155 R2190 R2207 R2225 R2246 R2299 R2316 R238 R2473 R29 R299 R302 R31 R33 R35 R81 R85 R86 R87 R88 R89 R90 R93 R95 R9621	R,CHIP THICK	35	C20004736M101S
4	R2132	R,CHIP THICK	1	C20005124M101S
4	R1666 R1668	R,CHIP THICK	2	C20005606M101S
4	R1669 R2117 R2118	R,CHIP THICK	3	C20006826M101S
4	R244	R,CHIP THICK	1	C20008216M101S
4	C2134 C2220 C2225 C2242 C2245	C,CERAMIC CHIP T.C	5	D010102167100S
4	C2101 C2108	C,CERAMIC CHIP T.C	2	D010102167160S
4	C2091 C2094 C2095 C2109	C,CERAMIC CHIP T.C	4	D010106174300S
4	C86 C87	C,CERAMIC CHIP T.C	2	D010130167100S
4	C2146 C2147	C,CERAMIC CHIP T.C	2	D010140167100S
4	C2124	C,CERAMIC CHIP T.C	1	D010222167160S
4	C2162 C2170	C,CERAMIC CHIP HIK	2	D011100117101S
4	C1 C2061 C2063 C2070 C2084 C2085 C2086 C2093 C2096 C2104 <del>C2185 C36</del>	C,CERAMIC CHIP HIK	13	D011100167101S
4	C172 C182 C2077 C2142 C2143 C2251	C,CERAMIC CHIP HIK	7	D011101167101S
4	C158 C2082 C2117 C2118 C2167 C2168 C2169 C2181 C2182 C2183 C2184 C2188 C2195 C2209 C2213 C2221 C2232 C2240 C2252 C2254 C2256 C2260 C2267 C2268 C2269 C2300	C,CERAMIC CHIP HIK	29	D011102177100S

4	C102 C134 C143 C169 C1845 C1864 C2019 C2052 C2060 C2123 C2129 C2130 C2133 C2136 C2139 C2159 C2202 C2249 C39 C47 C68 C69 C76 C98	C,CERAMIC CHIP HIK	27	D011103774102S
4	C2100 C2106 C108 C145 C2021 C2022 C2027 C2029 C2031 C2033 C2080 C2097 C2098 C2103 C2144 C2149 C2176 C2177 C2178 C2179 C2180 C2187 C2189 C2190 C2192 C2193 C2194 C2196	C,CERAMIC CHIP HIK	2	D01110377162S
4	C2197 C2199 C2203 C2204 C2207 C2210 C2211 C2212 C2214 C2216 C2217 C2218 C2219 C2222 C2223 C2224 C2226 C2228 C2229 C2230 C2231 C2233 C2234 C2235 C2237 C2238 C2239 C2241	C,CERAMIC CHIP HIK	80	D011104177100S
4	C1603 C2064 C2079 C2088 C2113 C2322	C,CERAMIC CHIP HIK	7	D011104577162S
4	C100 C101 C1695 C1696 C181 C1839 C26 C27 C29 C34 C37 C4 C42 C62 C79	C,CERAMIC CHIP HIK	18	D011105772101S
4	C9453	C,CERAMIC CHIP HIK	1	D011105774201S
4	C92 C93	C,CERAMIC CHIP HIK	2	D011106571160S
4	C103 C140 C142 C147 C175 C190 C191 C195	C,CERAMIC CHIP HIK	12	D011106572200S
4	C2132 C2148 C2150 C2165 C2175	C,CERAMIC CHIP HIK	5	D011106573200S
4	C107	C,CERAMIC CHIP HIK	1	D011221177101S
4	C2099 C2205 C2272 C2295 C2299 C2302 C2303	C,CERAMIC CHIP HIK	7	D011222177101S
4	C2200	C,CERAMIC CHIP HIK	1	D011224771100S
4	C2160	C,CERAMIC CHIP HIK	1	D011224774162S
4	C2110 C2111 C2112 C2115	C,CERAMIC CHIP HIK	4	D011226573303S
4	C98	C,CERAMIC CHIP HIK	1	D011226581200S
4	C95 C99	C,CERAMIC CHIP HIK	2	D011330167101S
4	C2083 C2087 C2107 C2138 C2140 C2155 C2186 C2191 C2198 C2215 C2227 C2236 C9452	C,CERAMIC CHIP HIK	13	D011331167101S
4	C110 C1701 C1846 C1866 C2206 C56 C58 C60 C64 C66 C70 C90 C9602 C9604 C9612 C9623 C9740 C9742 C9744	C,CERAMIC CHIP HIK	19	D011331177100S
4	C112 C164	C,CERAMIC CHIP HIK	2	D011332177101S
4	C149 C168 C183 C188 C189 C38 C41 C48 C54 C67	C,CERAMIC CHIP HIK	13	D011471177101S
4	C2125 C2156 C2304 C2305 C2306 C2308 C2309 C2310 C2345 C2346 C2347	C,CERAMIC CHIP HIK	11	D011472177101S
4	C2024	C,CERAMIC CHIP HIK	1	D011475772161S
4	C2062 C2066 C2076 C2078 C2089 C2092	C,CERAMIC CHIP HIK	6	D011475773201S
4	C2102 C2105	C,CERAMIC CHIP HIK	2	D011682177101S

4	C2350	C,CERAMIC CHIP HIK	1	D011820167101S	
4	C2059	C,ELECT CHIP(GE)	1	D050010087200S	
4	C2055 C2128	C,ELECT CHIP(GE)	10	D050101081650S	
	C2135 C2145				
	C2157 C2161				
	C2171 C2172				
	C2174 C2271				
4	C2081 C33 C35 C46	C,ELECT CHIP(GE)	4	D050101083350S	
4	C2173 C2296	C,ELECT CHIP(GE)	2	D050220083230S	
4	C2131 C2258	C,ELECT CHIP(GE)	2	D050221081220S	
4	C9493	C,ELECT CHIP(GE)	1	D0504R7084230S	
4	L2012 L2014	COIL,INDUCTOR	2	D3104R7010200S	
4	L9	COIL,INDUCTOR	1	D310604590100S	
4	L2007 L2008	COIL,INDUCTOR	2	D310804061001S	
4	L2031	COIL,CHIP	1	D311121011210S	
4	L11 L13 L14 L15	COIL,CHIP	4	D311121019000S	
4	L2013	COIL,CHIP	1	D311160802220S	
4	L1 L1810 L1817	COIL,BEAD	7	D340100561210S	
	L3 L5 L7 L8				
4	L2015 L2020	COIL,BEAD	4	D340160811210S	
	L2029 L2032				
4	L2 L2021 L2022	COIL,BEAD	5	D340212561010S	
	L4 L6				
4	XTAL2004	CRYSTAL CHIP	1	E80524R000990S	
4	X3000	CRYSTAL CHIP	1	E80527R000890S	
4	IC2018	IC,MEMORY-RAM	1	J001986466020S	
4	IC2019	IC,MEMORY FLASH	1	J005253200060S	
4	IC1	IC,MEMORY FLASH	1	J005254001010S	
4	IC3	IC,CPU MICRO PROCESS	1	J020901560010S	
4	IC1808	IC,LOGIC	1	J040704005550S	
4	IC1812	IC,LOGIC	1	J040741080360S	
4	IC2022	IC,LOGIC	1	J040741570110S	
4	IC2014	IC,LOGIC	1	J040742570040S	
4	IC1602	IC,LOGIC	1	J040864788022S	
4	IC1606	IC,LOGIC-INTERFACE	1	J046205101010S	
4	IC2007 IC2009	IC,LOGIC-D/D CONVER	2	J048650300010S	
4	IC2016	IC,ANALOG	1	J080320805520S	
4	IC2011	IC,ANALOG	1	J080458800010S	
4	IC2	IC,LINEAR POWER	1	J122214300010S	
4	IC2021	IC,LINEAR-REGULATOR	1	J126000005510S	
4	IC2015	IC,LINEAR-REGULATOR	1	J126111718630S	
4	IC2005 IC2006	IC,LINEAR-REGULATOR	2	J126117050010S	
4	IC2004	IC,LINEAR-REGULATOR	1	J126283133010S	
4	IC2008	IC,LINEAR-REGULATOR	1	J126352932080S	
4	IC9450	IC,LINEAR-REGULATOR	1	J126736112010S	
4	Q9606 Q9608	SEMI,CHIP TR/NPN 2SC	4	J522011400020S	
	Q9610 Q9612				
4	Q9607 Q9609	SEMI,CHIP TR/NPN 2SC	4	J522012400010S	
	Q9611 Q9613				
4	Q2027 Q2041	SEMI,CHIP TR/NPN 2SC	2	J522101411210S	
4	Q2050 Q2051	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q2052	SEMI,CHIP TR/NPN 2SD	1	J5232114K0010S	
4	Q2026 Q2040	SEMI,FET CHIP	2	J543608000010S	
4	D2067 D2068	D,SWITCHING CHIP	3	K005041480230S	
	D2069				
4	D2056 D2057	D,SCHOTTKY CHIP	2	K125551300010S	
4	JA1601 JA9601	CN,WAFER	5	L109100190710S	
	JA9602 JA9603				
	JA9604				

**U003** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	FRONT			
3	*	1	7028079481010	
	P.C.B SUB ASSY			
3	*	1	7027079481A10	
	P.C.B INS ASSY			
4	*	1	7020079480000S	
	P.C.B			
4	L702	1	D330100120520S	
	COIL,FILTER-INDUCTOR			
4	L701	1	D330101120520S	
	COIL,FILTER-INDUCTOR			
4	ZD701	1	K06007R544522S	
	D,ZENER			
4	JP109 JP111	63	L045084006040S	
	CN,WIRE 1P			
	JP112 JP120			
	JP121 JP123			
	JP124 JP125			
	JP128 JP129			
	JP15 JP16 JP17			
	JP18 JP19 JP20			
	JP21 JP22 JP23			
	JP24 JP3 JP30			
	JP31 JP32 JP33			
	JP34 JP36 JP37			
	JP38 JP39 JP4			
	JP40 JP42 JP47			
	JP48 JP5 JP6			
	JP61 JP62 JP63			
	JP65 JP66 JP7			
	JP70 JP72 JP77			
	JP78 JP79 JP80			
	JP81 JP82 JP83			
	JP85 JP86 JP87			
	JP88 JP89 JP90			
	JP91 JP92 JP93			
3	*	1	7027079481M10	
	P.C.B INS ASSY			
4	*	2	4328211306000	
	HOLDER ASSY			
5	*	1	1220211559000S	
	TAPE			
5	*	1	4320211306000S	
	HOLDER			
4	RMC701	1	E940349003810S	
	MODULE,REMOCON			
4	VEC701	1	G121122400231S	
	SW,ENCODER			
4	FLT701	1	K530122400010S	
	DISPLAY,FLT			

4	CN702	CN,WIRE	1	L026600042620S
4	CN7202B1	CN,WIRE	1	L026800040170S
4	CN701	CN,WIRE ASSY	1	L028221092620S
4	CN704A	CN.FPC 1.0MM	1	L130100112950S
3	*	P.C.B INS ASSY	1	7027079481R10
4	R779 R780	R.METAL FILM 100PPM	2	C0602R2063050S
4	C718 C719	C.FILM POLYESTER	2	D02047306C060S
4	C717 C720	C.ELECT GE 85C	3	D040010087150S
4	C728	C.ELECT GE 85C	1	D040100087070S
4	C771	C.ELECT GE 85C	1	D040101087060S
4	C731 C736	C.ELECT GE 85C	2	D040470083080S
4	SW701 SW702	SW,TACT	15	G180501000010S
	SW703 SW704			
	SW705 SW706			
	SW707 SW708			
	SW709 SW710			
	SW711 SW712			
	SW713 SW714			
	SW716			
4	Q702	SEMI.TR/GE PNP 2SA	1	J5001266G0050S
4	LED703A1	LED,ROUND	1	K500052009011S
3	*	P.C.B INS ASSY	1	7027079481S10
4	JP41 JP50 JP51	R,CHIP THICK	12	C200000060201S
	JP52 JP53 JP54			
	JP55 JP56 JP57			
	JP58 JP59 JP60			
4	JP100 JP101	R,CHIP THICK	18	C200000061300S
	JP102 JP103			
	JP104 JP105			
	JP122 JP126			
	JP127 JP64			
	JP67 JP68 JP73			
	JP74 JP76 JP95			
	JP96 JP99			
4	J202 J203 J204	R,CHIP THICK	8	C20000006M160S
	J205 J209 J210			
	J211 R747			
4	R738 R754	R,CHIP THICK	5	C20001016M160S
	R756 R783			
4	R757 R771	R,CHIP THICK	2	C20001026M160S
4	R749 R750	R,CHIP THICK	5	C20001036M160S
	R778 R781			
4	R762 R776	R,CHIP THICK	2	C20001236M160S
4	R737	R,CHIP THICK	1	C20001536M160S
4	R758 R772	R,CHIP THICK	2	C20002226M160S
4	R785	R,CHIP THICK	1	C20002736M160S
4	R777	R,CHIP THICK	1	C20003326M160S
4	R744	R,CHIP THICK	1	C20003916M160S
4	R759 R773	R,CHIP THICK	2	C20003926M160S
4	R739 R740	R,CHIP THICK	3	C20004716M160S
4	R760 R774	R,CHIP THICK	2	C20005626M160S
4	R705 R706	R,CHIP THICK	28	C20005636M160S
	R707 R708			
	R709 R710			
	R711 R712			
	R713 R714			
	R715 R716			
	R717 R718			
	R719 R720			
	R721 R722			
	R723 R724			
4	R761 R775	R,CHIP THICK	2	C20008226M160S
4	R735	R,CHIP THICK	1	C20008236M160S
4	C716	C.CERAMIC CHIP T.C	1	D010100167161S
4	C733 C734	C.CERAMIC CHIP T.C	3	D010101167160S
4	C745 C755	C.CERAMIC CHIP T.C	2	D010331167160S
4	C903 C922	C.CERAMIC CHIP T.C	2	D010820167160S
4	C739 C743	C.CERAMIC CHIP HIK	3	D011102777160S
4	C725 C732	C.CERAMIC CHIP HIK	2	D011103777162S
4	C727 C756	C.CERAMIC CHIP HIK	2	D011104577162S
4	C738 C742	C.CERAMIC CHIP HIK	2	D011821777160S
4	IC701	IC,LINEAR-DRIVER	1	J127197044010S
4	Q703	SEMI,CHIP TR/NPN 2SC	1	J522101441210S
4	Q704	SEMI,CHIP TR/NPN 2SC	1	J522102371210S
4	D713 D714	D.SWITCHING CHIP	2	K005041480230S
2	HP	P.C.B SUB ASSY	1	7028079482010
3	*	P.C.B INS ASSY	1	7027079482A10
4	JP106 JP108	CN,WIRE 1P	3	L045084006040S
	JP94			
3	*	P.C.B INS ASSY	1	7027079482M10
4	*	PLATE	1	4470212746000S
4	JACK701	JACK,D6.5	1	G402PJ612A09YS
3	*	P.C.B INS ASSY	1	7027079482S10
4	R896 R897	R,CHIP THICK	3	C200000060201S
4	JP113 JP118	R,CHIP THICK	3	C200000061300S
	JP119			
4	R895	R,CHIP THICK	1	C20001016M160S
4	C748	C.CERAMIC CHIP T.C	1	D010060117160S
4	C749 C750	C.CERAMIC CHIP T.C	2	D010223777160S
4	C926 C927	C.CERAMIC CHIP T.C	3	D010820167160S
4	C747	C.CERAMIC CHIP HIK	1	D011104577162S
4	D705 D706	D.SWITCHING CHIP	2	K005041480230S
2	USB	P.C.B SUB ASSY	1	7028079483010
3	*	P.C.B INS ASSY	1	7027079483A10
4	JP14	CN,WIRE 1P	1	L045084006040S
3	*	P.C.B INS ASSY	1	7027079483M10
4	JACK3000	CN,PLUG CONTACT	1	G480040000180S
4	CN2006	CN,WIRE ASSY	1	L028321050070S
3	*	P.C.B INS ASSY	1	7027079483R10
4	C3006	C.ELECT GE 85C	1	D040221081060S
3	*	P.C.B INS ASSY	1	7027079483S10

4	R3000 R3001	R,CHIP THICK	2	C20000006M160S	
4	C3004 C3008	C,CERAMIC CHIP T.C	2	D010101167160S	
4	C3003	C,CERAMIC CHIP HIK	1	D011102777160S	
4	C3002	C,CERAMIC CHIP HIK	1	D011103777162S	
4	C3001	C,CERAMIC CHIP HIK	1	D011104577160S	
2	INPUT_SEL	P.C.B SUB ASSY	1	7028079484010	
3	*	P.C.B INS ASSY	1	7027079484A10	
4	JP1 JP114 JP12	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079484M10	
4	VEC702	SW,ENCODER	1	G121121200230S	
4	CP702A	CN,WAFER 2.0MM	1	L101521360420S	
3	*	P.C.B INS ASSY	1	7027079484R10	
4	SW715	SW,TACT	1	G180501000010S	
3	*	P.C.B INS ASSY	1	7027079484S10	
4	D711 D712	R,CHIP THICK	2	C200000060201S	
4	C761	R,CHIP THICK	1	C20000006M160S	
4	C758	C,CERAMIC CHIP HIK	1	D011103777162S	
4	C757 C759	C,CERAMIC CHIP HIK	2	D011821777160S	
2	CONNECTOR	P.C.B SUB ASSY	1	7028079485010	
3	*	P.C.B INS ASSY	1	7027079485A10	
4	JP10 JP115	CN,WIRE 1P	6	L045084006040S	
	JP116 JP117				
	JP8 JP9				
3	*	P.C.B INS ASSY	1	7027079485M10	
4	BKT100	BRACKET	1	4010210196000S	
4	BKT101	BRACKET	1	4010210196100S	
4	CN109	CN,WAFER	1	L109012511540S	
4	CN110	CN,WAFER	1	L109012521550S	
3	*	P.C.B INS ASSY	1	7027079485R10	
4	C251C C251FL	C,ELECT GE 85C	8	D040100087070S	
	C251FR C251R				
	C251SL				
	C251SR				
3	*	P.C.B INS ASSY	1	7027079485S10	
4	R840 R846	R,CHIP THICK	2	C20000006M160S	
4	R802 R804	R,CHIP THICK	6	C20001026M160S	
	R806 R809				
4	R800 R801	R,CHIP THICK	8	C20004746M160S	
	R803 R805				
	R807 R808				
4	C250C C250FL	C,CERAMIC CHIP T.C	6	D010100117160S	
	C250FR				
	C250SL				
4	C932 C933	C,CERAMIC CHIP T.C	6	D010820167160S	
	C934 C935				
4	C252C C252FL	C,CERAMIC CHIP HIK	6	D011222777160S	
	C252FR				
	C252SL				

**U004** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	CPU	1	7028079431060	
3	*	1	7027079431A60	
4	*	1	7020079430000S	
	JP10 JP100			
	JP101 JP102			
	JP103 JP104			
	JP105 JP106			
	JP107 JP108			
	JP109 JP110			
	JP111 JP112			
	JP113 JP114			
	JP115 JP116			
	JP117 JP118			
	JP119 JP12			
	JP120 JP121			
	JP122 JP123			
4	JP124 JP125	157	L045084006040S	
	JP126 JP127			
	JP128 JP129			
	JP13 JP130			
	JP131 JP133			
	JP134 JP135			
	JP136 JP138			
	JP139 JP14			
	JP140 JP141			
	JP142 JP143			
	JP144 JP145			
	JP146 JP147			
	JP148 JP149			
	JP150 JP151			
3	*	1	7027079431M60	
4	BKT202	1	4010210196000S	
4	BKT201 BKT203	2	4010210196100S	
4	X201	1	E80016R000890S	
4	CN204	1	L026121032620S	
4	CN203A	1	L109012511140S	
4	CN201	1	L109012513340S	
4	CN208 CN209A	2	L109012521150S	
4	CN211	1	L109012521550S	
4	FPC201	2	L130100111050S	
4	CN704B	1	L130100112950S	
3	*	1	7027079431R60	
4	GND2	1	3790040886000S	
4	R2446	1	C060015165050S	
4	C218	1	D040100087070S	
4	C217	1	D040101083090S	

4	C227	C.ELECT GE 85C	1	D0402R2087160S
4	C226	C.ELECT GE 85C	1	D040470083080S
3	*	P.C.B INS ASSY	1	7027079431S60
4	J332 J333 R309 R369	R,CHIP THICK	4	C20000060200S
4	J254 J255 J288 J290 J291 J296 J297 J298 J299 J300 J302 J303 J304	R,CHIP THICK	13	C20000061300S
4	C345 C379 C387 C388 J209 J213 J250 J251 J252 J253 J289 J292 J293 J294 J295 J301 J305 R210 R229 R249 R318 R210 R220	R,CHIP THICK	27	C2000006M160S
4	R297	R,CHIP THICK	1	C20001006M160S
4	R201 R202 R203 R204 R205 R206 R230 R246 R247 R251 R252 R253 R255 R260	R,CHIP THICK	19	C20001016M160S
4	R1406 R261 R263 R266	R,CHIP THICK	5	C20001026M160S
4	C112 R207 R208 R209 R224 R226 R228 R233 R236 R250 R261 R265	R,CHIP THICK	16	C20001036M160S
4	R258 R272	R,CHIP THICK	3	C20001046M160S
4	R259	R,CHIP THICK	1	C20001056M160S
4	R289	R,CHIP THICK	1	C20001246M160S
4	R331	R,CHIP THICK	1	C20001836M160S
4	R334	R,CHIP THICK	1	C20002036M160S
4	R211 R223 R225 R275 R295 R298 R299 R300 R303 R304 R305 R306 R307 R308 R311 R312 R313 R314 R245 R246	R,CHIP THICK	30	C20002206M160S
4	R284	R,CHIP THICK	1	C20003316M160S
4	R243 R333	R,CHIP THICK	2	C20003326M160S
4	R219	R,CHIP THICK	1	C20003636M160S
4	R288	R,CHIP THICK	1	C20003916M160S
4	R214 R244 R325 R361	R,CHIP THICK	6	C20004706M160S
4	R256 R257 R281 R282	R,CHIP THICK	4	C20004726M160S
4	R213 R215 R216 R217 R221 R222 R227 R234 R235 R237 R245 R248	R,CHIP THICK	18	C20004736M160S
4	R286 R287	R,CHIP THICK	2	C20004746M160S
4	C241	R,CHIP THICK	1	C20006846M160S
4	C249	C,CERAMIC CHIP T.C	1	D010100117160S
4	C222	C,CERAMIC CHIP T.C	1	D010101167160S
4	C216	C,CERAMIC CHIP T.C	1	D010102167160S
4	C244 C245	C,CERAMIC CHIP T.C	2	D010160167161S
4	C214	C,CERAMIC CHIP T.C	1	D010331167160S
4	C253 C254	C,CERAMIC CHIP T.C	2	D010820167160S
4	C221 C246 C247 C248	C,CERAMIC CHIP HIK	4	D011102777160S
4	C202 C210 C215 C220 C225 C228 C229 C230 C231 C2312 C2318 C232	C,CERAMIC CHIP HIK	15	D011103777162S
4	C201 C211 C223 C224 C2313 C2316	C,CERAMIC CHIP HIK	8	D011104577162S
4	IC204	IC.MEMORY-EEPROM	1	J000241600190S
4	IC203	IC.CPU MICRO PROCESS	1	J020303020040S
4	Q201 Q216	SEMI,CHIP TR/PNP 2SA	3	J520015301210S
4	Q202 Q204	SEMI,CHIP TR/NPN 2SC	2	J522102371210S
4	Q203 Q206 Q209 Q210 Q211 Q212	SEMI,CHIP TR/NPN 2SC	9	J522305200050S
4	D201 D202 D203 D206 D2064 D207	D,SWITCHING CHIP	8	K005041480230S
4	ZD1004	D,ZENER CHIP	1	K06603R34P430S
4	ZD1005	D,ZENER CHIP	1	K06618R04P430S
2	PTC	P.C.B SUB ASSY	1	7028079432010
3	*	P.C.B INS ASSY	1	7027079432M10
4	CP5	CN.WAFER 2.0MM	1	L101521360320S
3	*	P.C.B INS ASSY	1	7027079432R10
4	GND5	TERMINAL	1	3790040886000S
3	*	P.C.B INS ASSY	1	7027079432S10

4	R80 R81	POSISTOR	2	F320471000950S	
	<b>U005</b>	P.C.B TOTAL ASSY			
	<b>CIRCUIT NO.</b>	<b>PART NAME</b>	<b>Q'TY</b>	<b>PART NO. (SN)</b>	<b>REMARKS</b>
2	5CH AMP	P.C.B SUB ASSY	1	7028073661020	
3	*	P.C.B INS ASSY	1	7027073661A20	
4	*	P.C.B	1	7020073660002S	
4	R209C R209FL R209FR R209SL	R,CARBON FILM	5	C00001226P520S	
4	R207C R207FL R207FR R207SL	R,CARBON FILM	5	C00001526P520S	
4	R229 R230	R,CARBON FILM	3	C00001536P520S	
4	R201C R201FL R201FR R201SL	R,CARBON FILM	5	C00002216P520S	
4	R227C R227FL R227FR R227SL	R,CARBON FILM	5	C00002226P520S	
4	R230C R230FL R230FR R230SL	R,CARBON FILM	5	C00002236P520S	
4	R224C R224FL R224FR R224SL	R,CARBON FILM	5	C00002736P520S	
4	R214C R214FL R214FR R214SL	R,CARBON FILM	5	C00003026P520S	
4	R204C R204FL R204FR R204SL R204SR R206C R206FL	R,CARBON FILM	10	C00003336P520S	
4	R225C R225FL R225FR R225SL	R,CARBON FILM	5	C00003346P520S	
4	R210C R210FL R210FR R210SL	R,CARBON FILM	5	C00004716P520S	
4	R208C R208FL R208FR R208SL	R,CARBON FILM	5	C00004736P520S	
4	R205C R205FL R205FR R205SL	R,CARBON FILM	5	C00004746P520S	
4	R213C R213FL R213FR R213SL	R,CARBON FILM	5	C00007506P520S	
4	R203C R203FL R203FR R203SL	R,CARBON FILM	5	C00007526P520S	
4	R226C R226FL R226FR R226SL	R,CARBON FILM	5	C00007536P520S	
4	R212C R212FL R212FR R212SL	R,CARBON FILM	5	C00008216P520S	
4	C206C C206FL C206FR C206SL	C,CERAMIC HIK AXIAL	5	D005102177531S	
4	C211C C211FL C211FR C211SL	C,CERAMIC HIK AXIAL	5	D005223594521S	
4	C202C C202FL C202FR C202SL	C,CERAMIC HIK AXIAL	5	D005681177521S	
4	D201C D201FL D201FR D201SL D201SR D202 D202C D202FL D202FR D202SL D202SR D202C	D,SWITCHING	16	K000414800050S	
4	DZ202C DZ202FL DZ202FR DZ202SL DZ202SR DZ203C DZ203FL DZ203FR	D,ZENER	10	K06004R344522S	



	J246 J247 J248			
	J249 J250 J251			
	J252 J253 J254			
	J255 J256 J257			
	J258 J259 J260			
	J261 J262 J263			
	J264 J265 J266			
	J267 J268 J269			
	J270 J271 J272			
	J273 J274 J275			
	J276 J277 J278			
	J279 J280 J281			
	J282 J283 J284			
4	J285 J286 J287 CN,WIRE 1P		94	L045084006040S
	J288 J289 J290			
	J291 J292 J293			
	J294 J295 J296			
	J297 J298 J299			
	J300 J301 J302			
	J303 J304 J305			
	J306 J307 J308			
	J309 J310 J311			
	J312 J313 J314			
	J315 J316 J317			
	J318 J319 J320			
	J321 J322 J323			
	J324 J325 J326			
3	* P.C.B INS ASSY		1	7027073661M20
4	CLP200 CLAMP		1	4330000120000S
4	* SOLDER		####	A740000120020
4	* SOLDER		####	A740000330000
4	CN204 CN,WIRE 2MM		1	L002900102620S
4	CP205 CN.WAFER 2.0MM		1	L101200100310S
4	CP201 CN.WAFER 2.0MM		1	L101200101010S
4	CP203 CN.WAFER 2.5MM		1	L102526700500S
3	* P.C.B INS ASSY		1	7027073661R20
4	FG1 FG2 FG3 TERMINAL		3	3790040886000S
4	R228 R,METAL FILM 100PPM		1	C060010065050S
4	R211C R211FL R,METAL FILM 100PPM		15	C060047063050S
	R211FR			
	R211SL			
	R211SR R218C			
	R218FL			
	R218FR			
	R218SL			
4	R216C R216FL R,METAL FILM 100PPM		10	C060056265050S
	R216FR			
	R216SL			
	R216SR R217C			
	R217FL			
4	C204C C204FL C,CERAMIC T.C DISC		5	D00033006D051S
	C204FR			
	C204SL			
4	C209C C209FL C,CERAMIC HIK DISC		10	D00410107D051S
	C209FR			
	C209SL			
	C209SR C210C			
	C210FL			
4	C201C C201FL C,ELECT GE 85C		11	D040100087070S
	C201FR			
	C201SL			
	C201SR C208C			
	C208FL			
	C208FR			
4	C212 C217 C,ELECT GE 85C		3	D04010008C050S
4	C205C C205FL C,ELECT GE 85C		5	D040101082070S
	C205FR			
	C205SL			
4	C213 C216 C,ELECT GE 85C		2	D040331081050S
4	C207C C207FL C,ELECT GE 85C		5	D040470087070S
	C207FR			
	C207SL			
4	C215 C,ELECT GE 85C		1	D0404R7087250S
4	Q201C Q201FL SEMI,TR/GE PNP 2SA		11	J5000992F0050S
	Q201FR			
	Q201SL			
	Q201SR Q202C			
	Q202FL			
	Q202FR			
4	Q203C Q203FL SEMI,TR/GE NPN 2SC		10	J5023206Y0050S
	Q203FR			
	Q203SL			
	Q203SR Q207C			
	Q207FL			
4	R220C R220FL R,FIXED,M.O.		20	N113136647820S
	R220FR			
	R220SL			
	R220SR R221C			
	R221FL			
	R221FR			
	R221SL			
	R221SR R222C			
	R222FL			
	R222FR			
3	* P.C.B INS ASSY		1	7027073661S20

4	C223C C223FL C,CERAMIC CHIP T.C	34	D010820167200S
	C223FR		
	C223SL		
	C223SR C225C		
	C225FL		
	C225FR		
	C225SL		
	C225SR C226		
	C227 C228		
	C230 C231		
	C232 C233		
	C234 C235		
	C236 C237		
	C240 C241		
4	C212C C212FL C,CERAMIC CHIP T.C	15	D01082016C201S
	C212FR		
	C212SL		
	C212SR C213C		
	C213FL		
	C213FR		
	C213SL		
	C213SR C220C		
4	C245C C245FL C,CERAMIC CHIP T.C	5	D01082116C160S
	C245FR		
	C245SL		

**U006** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	ST BY	P.C.B SUB ASSY	1	7028079491030	
3	*	P.C.B INS ASSY	1	7027079491A30	
4	*	P.C.B	1	70200794900K0S	
4	R333	R.CARBON FILM	1	C00003326P520S	
4	D305 D306	D.SWITCHING	4	K000400700220S	!
	D307 D308				
4	ZD301	D.ZENER	1	K06005R144522S	
4	ZD303	D.ZENER	1	K06006R244522S	
4	ZD302	D.ZENER	1	K06015R044522S	
4	J301 J302 J303	CN,WIRE 1P	10	L045084006040S	
	J305 J306 J307				
	J308 J309 J310				
	J311				
3	*	P.C.B INS ASSY	1	7027079491M30	
4	BKT301	BRACKET	1	4010210196000S	
4	BKT302 BKT303	BRACKET	2	4010215796000S	
4	PT301	POWER TRANS	1	8200280150681V	!
4	C304	C.CERAMIC AC(SAFETY)	1	D00847208H010S	
4	C301	C.ELECT GE 85C	1	D040222083010S	
4	RLY301	RELAY	1	G680060103030S	!
4	CP701	CN.WAFER 2.0MM	1	L101521360920S	
4	CP304	CN.WAFER 2.5MM	1	L102001400320S	
4	CP302	CN.WAFER 7.92MM	1	L108011430210S	!
4	CP301	CN.WAFER 7.92MM	1	L108396030010S	!
4	F301	FUSE GLASS TUBE 20MM	1	N751503151160S	!
3	*	P.C.B INS ASSY	1	7027079491R30	
4	R326	R.METAL FILM 100PPM	1	C060056065050S	
4	C302 C315	C.ELECT GE 85C	2	D040010087150S	
4	C303	C.ELECT GE 85C	1	D040101083090S	
4	F301A F301B	HOLDER,FUSE CLIP	2	G645000050010S	
3	*	P.C.B INS ASSY	1	7027079491S30	
4	R336	R.CHIP THICK	1	C20001036M160S	
4	R334	R.CHIP THICK	1	C20002036M160S	
4	R319	R.CHIP THICK	1	C20002226M160S	
4	R318	R.CHIP THICK	1	C20004736M160S	
4	C307	C.CERAMIC CHIP T.C	1	D010331167160S	
4	C305 C306	C.CERAMIC CHIP HIK	2	D011104577160S	
4	IC301	IC.LINEAR-REGULATOR	1	J126111733630S	!
4	Q302	SEMI.CHIP TR/NPN 2SC	1	J522101441210S	
4	Q301 Q303	SEMI.CHIP TR/NPN 2SC	2	J522305200050S	
4	D301 D302	D.SWITCHING CHIP	6	K005041480230S	!
	D303 D304				

**VSX-330-KWMMR**

**<Note>**

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

**NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.**

**<Notes>**

**<MR> : 220-240V  
Chinese model**

**NSP**

**VSX-330-KWMMR**

**EXPLODED VIEW PARTS LIST**

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
<b>[ Cabinet, Chassis, Screws, Nuts ]</b>				
1	* CASING ASSY	1	1018HK1508050	
2	* SCREW	6	1500040083B10SV	
2	* CABINET ASSY	1	3008212076000V	
3	59 SHEET	4	1210210235000SV	
3	58 CABINET	1	3007212076020S	
2	57 SPRING	2	3720210556000S	
2	3 KNOB	2	5080212431000S	
2	* SCREW,TAP TITE	4	B020030103B11SV	
1	* WIRING ASSY	1	1028HK1508050	
2	* SCREW	2	1500001206010SV	
2	* SCREW	2	1500001206020SV	
2	55 CHASSIS	1	3207215246280V	
2	* CHASSIS ASSY	1	3208214556201V	
3	22 CHASSIS	1	3200214556211S	
3	24 FOOT	4	4000210391010S	
3	23 CUSHION	4	4050211605000SV	
3	17 SUPPORTER	9	4070001601020S	
3	* SCREW,TAP TITE	4	B020030081B10SV	
2	51 BRACKET	1	401021488600DS	
2	* CLAMP	8	4330040343010S	
2	38 STOPPER	1	4380040162010S	!
2	* SCREW,TAP TITE	5	B020030043B10SV	
2	* SCREW,TAP TITE	22	B020030081B10SV	
2	* SCREW,TAP TITE	5	B020030083B10SV	
2	* SCREW,TAP TITE	24	B020030103B11SV	
2	* SCREW,TAP TITE	6	B020030171B10SV	
2	* SCREW,TAP TITE	1	B020230063B10SV	
2	* SCREW,TAP TITE ASSY	4	B028940101B11SV	
2	A1 CORD ASSY	1	L068250101710S	!
1	* PREPARE ASSY	1	1038HK1508050	
2	* SCREW	1	1500001456010SV	
2	* HEAT SINK ASSY	1	2128212168110BV	
3	25 HEAT SINK	1	2120212168110S	
3	29 BRACKET	3	4010056906010S	
3	* SCREW,TAPPING ASSY	15	B018230141H11SV	
3	* SCREW,TAP TITE	7	B020030081B10SV	
2	5 PANEL	1	3067215861150V	
2	20 PLATE	1	4470212736000S	
2	1 WINDOW	1	50772131130T1S	
2	6 BUTTON	1	5090213741100S	
2	7 BUTTON	1	5090214561200S	
2	8 BUTTON	1	5090214571200S	
2	2 BADGE	1	5637210321200S	
2	* SCREW,TAP TITE	14	B020030081B10SV	
2	* CABLE,FLAT CARD 1.0MM	1	N711290822480S	
<b>[ Semi-conductors ]</b>				
3	Q206C Q206FL SEMI,TR/GE PNP 2SB	5	J5011560P0000S	!
	Q206FR			
	Q206SL			
3	Q204C Q204FL SEMI,TR/GE NPN 2SC	5	J502396400010S	!
	Q204FR			
	Q204SL			
3	Q205C Q205FL SEMI,TR/GE NPN 2SD	5	J5032390P0000S	!
	Q205FR			
	Q205SL			
<b>[ Transformers, Coils ]</b>				
2	52 POWER TRANS	1	8200858500321V	!
<b>[ Frontend, Units ]</b>				
1	<b>U001 P.C.B TOTAL ASSY MAIN</b>	1	<b>7025HK1508050</b>	
2	MAIN P.C.B SUB ASSY MAIN	1	7028079411050	
2	REG P.C.B SUB ASSY REG	1	7028079412050	
2	OPTCO P.C.B SUB ASSY OPTCO	1	7028079413010	
2	G-R P.C.B SUB ASSY G-R	1	7028079415010	
2	G-L P.C.B SUB ASSY G-L	1	7028079416010	
2	WG P.C.B SUB ASSY WG	1	7028079417010	
1	<b>U002 P.C.B TOTAL ASSY DMAIN</b>	1	<b>7025HK1508051</b>	
2	DMAIN P.C.B SUB ASSY DMAIN	1	7028079471010	
1	<b>U003 P.C.B TOTAL ASSY FRONT</b>	1	<b>7025HK1508052</b>	
2	FRONT P.C.B SUB ASSY FRONT	1	7028079481010	
2	HP P.C.B SUB ASSY HP	1	7028079482010	
2	FUSB P.C.B SUB ASSY FUSB	1	7028079483010	
2	INSEL P.C.B SUB ASSY INSEL	1	7028079484010	
2	CONCT P.C.B SUB ASSY CONCT	1	7028079485010	
1	<b>U004 P.C.B TOTAL ASSY CPU</b>	1	<b>7025HK1508053</b>	
2	CPU P.C.B SUB ASSY CPU	1	7028079431090	
2	PTC P.C.B SUB ASSY PTC	1	7028079432010	
1	<b>U005 P.C.B TOTAL ASSY AMP5</b>	1	<b>7025HK1508054</b>	
2	AMP5 P.C.B SUB ASSY AMP5	1	7028073661020	
1	<b>U006 P.C.B TOTAL ASSY SMPS</b>	1	<b>7025HK1508055</b>	
2	SMPS P.C.B TOTAL ASSY SMPS	1	7028079491010	

**VSX-330-KWMMR**

**PACKING PROCEDURES PARTS LIST**

REF. NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
	[ Packing ]			
1	* PACKING ASSY	1	1008HK1508050	
2	6 BOX,GIFT	1	60072125800L0V	
2	8 PE,SHEET	1	6327040059000S	
2	9 CUSHION,SNOW	1	6230213384100S	
2	14 LABEL	3	5507000020340V	
2	16 TAPE	1.4	1220210772000S	
	[ Accessories ]			
2	2 ANTENNA,WIRE	1	E605010140010S	
2	3 ANTENNA,LOOP	1	E601019000010S	
2	4 REMOCON	1	8300774100010S	
2	5 BATTERY,DRY	2	G670001R50243S	
2	7 POLY BAG	1	6337040062010S	
2	10 SHEET	1	5227000008870V	
2	11 WARRANTY CARD	1	5727000000541V	
2	14 INSTRUCTION MANUAL	1	5707000010520V	
2	17 CN,CATV	1	L170200060010S	
2	* TAPE	1.2	A710000360000S	

VSX-330-KWMMR

## PC BOARD PARTS LIST

U001 P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	MAIN	1	7028079411050	
3	* P.C.B INS ASSY	1	7027079411A50	
4	* P.C.B	1	7020079410000S	
4	BD601	1	7610010030000S	
4	R20 R21 R22	4	C00001006P520S	
4	R1260	1	C00001026P520S	
4	R463 R468	2	C00001036P520S	
4	R299	1	C00002216P520S	
4	R290 R52	2	C00002226P520S	
4	R296	1	C00002236P520S	
4	R293	1	C00003336P520S	
4	R292	1	C00003626P520S	
4	R294	1	C00004726P520S	
4	R291	1	C00005646P520S	
4	R287	1	C00007516P520S	
4	D23	1	K000400700220S	
4	ZD1	1	K06003R644522S	
4	ZD24 ZD25	2	K06016R044522S	
	J418 JP1 JP10			
	JP100 JP101			
	JP102 JP103			
	JP104 JP105			
	JP106 JP107			
	JP108 JP109			
	JP11 JP110			
	JP111 JP112			
	JP113 JP114			
	JP115 JP116			
	JP117 JP118			
	JP119 JP12			
	JP120 JP121			
4	JP122 JP123	128	L045084006040S	
	JP125 JP126			
	JP127 JP128			
	JP129 JP13			
	JP130 JP131			
	JP132 JP133			
	JP135 JP14			
	JP140 JP141			
	JP147 JP15			
	JP16 JP17 JP18			
	JP19 JP2 JP20			
	JP21 JP22 JP23			
	JP24 JP25 JP26			
	JP28 JP29 JP3			
3	* P.C.B INS ASSY	1	7027079411M50	
4	CLAMP2	1	4330000120000S	
4	R295 R297	2	C141R10069010S	
4	C101	1	D040331088230S	
4	C55 C58	2	D040682088010S	
4	L1 L2 L3 L4 L5	5	D330900001330S	
4	PACK601	1	E903004100783S	
4	JACK101	1	G594408SA030YS	
4	JACK102	1	G596601SA010YS	
4	JACK403	1	G600107A0000YS	
4	JACK401	1	G603610A0001YS	
4	JACK402	1	G606305AW140YS	
4	RLY2 RLY3	3	G680060103010S	
4	RLY5	1	G680240202030S	!
4	D7	1	K047100600220S	
4	CN1	1	L026131052250S	
4	CN8	1	L026171062620S	
4	CN2	1	L028201102620S	
4	CN5	1	L028221030010S	
4	CN3	1	L101521371010S	
4	CP1	1	L108353280360S	
4	CP15 CP16	2	L109012511140S	
4	CP110 CP13	2	L109012511540S	
3	* P.C.B INS ASSY	1	7027079411R50	
4	GND4	1	3790040886000S	

4	R11 R13 R25 R5 R7 R9	R,METAL FILM 100PPM	6	C060010065050S
4	R10 R12 R14 R6 R8	R,METAL FILM 100PPM	5	C060010066050S
4	R588 R589	R,METAL FILM 100PPM	2	C060010165060S
4	R64	R,METAL FILM 100PPM	1	C060022063050S
4	R28 R29 R30	R,METAL FILM 100PPM	3	C060022265050S
4	R15 R16	R,METAL FILM 100PPM	2	C060033166050S
4	R35 R36	R,METAL FILM 100PPM	2	C060047363050S
4	R66	R,METAL FILM 100PPM	1	C0604R7065050S
4	C104	C,CERAMIC HIK DISC	1	D00410107D051S
4	C11 C14 C3 C6 C8	C,FILM POLYESTER	5	D02010306C060S
4	C61 C64	C,FILM POLYESTER	2	D02010406C060S
4	C65 C66 C67	C,FILM POLYESTER	4	D02010407H080S
4	C1 C12 C17 C4 C9	C,FILM POLYESTER	5	D02047306C060S
4	C102 C103	C,ELECT GE 85C	3	D040010087150S
4	C462 C464	C,ELECT GE 85C	2	D040100083100S
4	C401 C406	C,ELECT GE 85C	20	D040100087070S
	C420 C439 C446 C460 C475 C486 C492 C498 C499 C506 C507 C509			
4	C99	C,ELECT GE 85C	1	D040101082070S
4	C1233	C,ELECT GE 85C	1	D040101083070S
4	C53	C,ELECT GE 85C	1	D040101084060S
4	C537 C538	C,ELECT GE 85C	2	D040221083110S
4	C1209 C1226	C,ELECT GE 85C	2	D040470083080S
4	C296	C,ELECT GE 85C	1	D0404R7087250S
4	Q17	SEMI,TR/GE PNP 2SA	1	J5000916Y0050S
4	Q129 Q130	SEMI,TR/GE PNP 2SA	3	J5000992FA050S
4	Q132	SEMI,TR/GE NPN 2SC	1	J5023198Y0000S
3	*	P.C.B INS ASSY	1	7027079411S50
4	JP207 JP214 JP215 JP216 JP217 JP218 JP219 JP220 JP221 JP223 JP224	R,CHIP THICK	11	C20000060200S
4	JP146 JP148 JP149 JP156 JP167 JP168 JP210 JP211	R,CHIP THICK	8	C20000061300S
4	C469 J500 J501 J502 J503 JP155 JP200 JP201 JP208 JP209 JP212 JP213 R470 R498 R499 R500 R502 R503 R504 R548 R549 R577	R,CHIP THICK	26	C2000006M160S
4	R461 R469	R,CHIP THICK	3	C20001016M160S
4	R462 R466 R497 R544 R608L R608R	R,CHIP THICK	6	C20001026M160S
4	R39 R40 R409 R420 R428 R43 R435 R448 R45 R514 R559 R560 R561 R566 R568 R569 R572 R573 R574	R,CHIP THICK	23	C20001036M160S
4	R54 R549 R551	R,CHIP THICK	3	C20001046M160S
4	R69 R70	R,CHIP THICK	2	C20001236M160S
4	R507 R554	R,CHIP THICK	2	C20001526M160S
4	R564	R,CHIP THICK	1	C20002226M160S
4	R58 R60	R,CHIP THICK	2	C20002736M160S
4	R521 R530 R532 R541	R,CHIP THICK	6	C20003316M160S
4	R53	R,CHIP THICK	1	C20003336M160S
4	R515	R,CHIP THICK	1	C20003926M160S
4	R1259 R404 R405 R406 R407 R408 R411 R415 R427 R433	R,CHIP THICK	14	C20004716M160S
4	R539 R540	R,CHIP THICK	2	C20004726M160S
4	R410 R421 R429 R436 R449 R467	R,CHIP THICK	7	C20004736M160S
4	R477 R478 R501 R523 R528 R534 R538 R565 R582 R583	R,CHIP THICK	14	C20004746M160S
4	R49 R50 R51	R,CHIP THICK	3	C20005136M160S
4	R548	R,CHIP THICK	1	C20005626M160S
4	R289	R,CHIP THICK	1	C20005646M160S
4	R505 R506	R,CHIP THICK	2	C20006826M160S
4	R1257 R1258	R,CHIP THICK	2	C20006836M160S
4	R1203 R1204 R1206	R,CHIP THICK	3	C20007504M160S
4	R557 R571	R,CHIP THICK	2	C20009136M160S

4	C1206 C407 C409 C419 C426 C435 C465 C474	C,CERAMIC CHIP T.C	10	D010101167160S	
4	C608 C610 C611 C617	C,CERAMIC CHIP T.C	5	D010101167163S	
4	C26 C27 C28 C29 C30 C481	C,CERAMIC CHIP T.C	6	D010102167160S	
4	C517 C519 C520 C522	C,CERAMIC CHIP T.C	4	D010330167160S	
4	C546 C547	C,CERAMIC CHIP T.C	2	D010331167160S	
4	C484	C,CERAMIC CHIP T.C	1	D010470167160S	
4	C511	C,CERAMIC CHIP T.C	1	D010681167160S	
4	C100 C1232 C297 C298 C485 C508 C514 C515 C528 C529 C59	C,CERAMIC CHIP HIK	13	D011103777162S	
4	C441 C473	C,CERAMIC CHIP HIK	2	D011103777200S	
4	C108 C1204 C1205 C1223 C1224 C1227 C1254 C482 C483 C487 C488 C548	C,CERAMIC CHIP HIK	15	D011104577162S	
4	C1225	C,CERAMIC CHIP HIK	1	D011105173161S	
4	C479 C489 C98	C,CERAMIC CHIP HIK	3	D011222777160S	
4	C478	C,CERAMIC CHIP HIK	1	D011224774162S	
4	C512	C,CERAMIC CHIP HIK	1	D011332777160S	
4	C611L C611R	C,CERAMIC CHIP HIK	2	D011472777160S	
4	IC1009	IC,ELECT VR	1	J084347320010S	
4	IC401 IC402 IC403	IC,LINEAR OP	3	J121458001010S	
4	IC1200	IC,LINEAR-DRIVER	1	J127410500010S	
4	Q16	SEMI,CHIP TR/PNP 2SA	1	J520015301210S	
4	Q419 Q426	SEMI,CHIP TR/PNP 2SA	2	J520101411210S	
4	Q2 Q3 Q4 Q5	SEMI,CHIP TR/PNP 2SA	4	J520102371210S	
4	Q402 Q405 Q406 Q407 Q410 Q416	SEMI,CHIP TR/NPN 2SC	7	J522020011210S	
4	Q10 Q11 Q12	SEMI,CHIP TR/NPN 2SC	4	J522102371210S	
4	Q427	SEMI,CHIP TR/NPN 2SC	1	J522104411210S	
4	Q14 Q15	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q425 Q428	SEMI,FET/2SN	2	J544209Y01150S	
4	D125 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D18 D2 D3 D4 D414 D415 D416	D,SWITCHING CHIP	24	K005041480230S	
4	ZD400 ZD401	D,ZENER CHIP	2	K06606R84P430S	
2	REGULATOR	P.C.B SUB ASSY	1	7028079412050	
3	*	P.C.B INS ASSY	1	7027079412A50	
4	D10 D11 D12	D,SWITCHING	4	K000400700220S	!
4	J10 J11 J12 J13 J14 J15 J16 J17 J9 JP158 JP159 JP160 JP161 JP163 JP164 JP165 JP166 JP20	CN,WIRE 1P	18	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079412M50	
4	C85	C,ELECT GE 85C	1	D040102084060S	
4	C292	C,ELECT GE 85C	1	D040103083020S	
4	C84	C,ELECT GE 85C	1	D040472084240S	
4	IC3	IC,LINEAR-REGULATOR	1	J126780500110S	!
4	IC1	IC,LINEAR-REGULATOR	1	J126781200040S	!
4	IC2	IC,LINEAR-REGULATOR	1	J126791200060S	!
4	D121	D,RECTIFIER BRIDGE	1	K047100600220S	
4	CP112	CN,WIRE ASSY	1	L028321062250S	
4	CP2	CN,WAFER 2.0MM	1	L101521370610S	
4	CP3	CN,WAFER 2.5MM	1	L102526700300S	
4	CP113	CN,WAFER 3.96MM	1	L104353130360S	
3	*	P.C.B INS ASSY	1	7027079412R50	
4	R284 R286 R41 R42	R,METAL FILM 100PPM	4	C060R22065050S	
4	C291	C,FILM POLYESTER	1	D02010406C060S	
4	C81	C,FILM POLYESTER	1	D02047306C060S	
4	C90	C,ELECT GE 85C	1	D040101082070S	
4	C88 C89	C,ELECT GE 85C	2	D040101083070S	
3	*	P.C.B INS ASSY	1	7027079412S50	
4	C122 C293 C86 C87 C93 C94	C,CERAMIC CHIP HIK	7	D011103777162S	
4	D26 D27 D28	D,SCHOTTKY CHIP	3	K125551300010S	
2	OPT COAX	P.C.B SUB ASSY	1	7028079413010	
3	*	P.C.B INS ASSY	1	7027079413A10	
4	J59 J60 J75	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079413M10	
4	BKT4	BRACKET	1	4010210196100S	
4	JACK1305	MODULE	1	E100802000250S	
4	JACK1306	TER,RCA 1PIN	1	G600107A0000YS	
4	CN2010	CN,WIRE	1	L026500052620S	
3	*	P.C.B INS ASSY	1	7027079413R10	
4	C63	C,ELECT GE 85C	1	D040470083080S	
3	*	P.C.B INS ASSY	1	7027079413S10	
4	R1457 R1462 R1463 R1464	R,CHIP THICK	4	C2000006M160S	
4	R1455	R,CHIP THICK	1	C20001016M160S	
4	R1460	R,CHIP THICK	1	C20001036M160S	

4	R1465	R,CHIP THICK	1	C20001046M160S	
4	R1461	R,CHIP THICK	1	C20002226M160S	
4	R1458	R,CHIP THICK	1	C20004706M160S	
4	R1456	R,CHIP THICK	1	C20007506M160S	
4	C1459	C,CERAMIC CHIP T.C	1	D010220167160S	
4	C1453	C,CERAMIC CHIP T.C	1	D010220167163S	
4	C1456	C,CERAMIC CHIP T.C	1	D010331167160S	
4	C1458	C,CERAMIC CHIP T.C	1	D010331167165S	
4	C1452 C1455	C,CERAMIC CHIP HIK	2	D011103777162S	
4	C1464 C1465	C,CERAMIC CHIP HIK	2	D011104577162S	
4	L1411	COIL,INDUCTOR	1	D3104R7010200S	
4	L1412	COIL,CHIP	1	D311160802220S	
4	L1414	COIL,BEAD	1	D340160811210S	
4	L1413	COIL,BEAD	1	D340160831210S	
4	IC2009	IC,LOGIC	1	J040740400290S	
4	D17	D,SWITCHING CHIP	1	K005041480230S	
2	GUIDE R	P.C.B SUB ASSY	1	7028079415010	
2	GUIDE L	P.C.B SUB ASSY	1	7028079416010	
3	*	P.C.B INS ASSY	1	7027079416M10	
4	CLAMP1	CLAMP	1	4330000120000S	
2	AMP GUIDE	P.C.B SUB ASSY	1	7028079417010	

**U002** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	D MAIN	1	7028079471010	
3	*	1	7027079471M10	
4	BKT1	1	4010210196100S	
4	XTAL2003	1	E80004R000990S	
4	XTAL2002	1	E80024R576890S	
4	CP2006 CP2008	2	L101521370510S	
4	CN101	1	L102001400620S	
4	CN204	1	L109012521150S	
4	CN2003	1	L109012521550S	
4	CN201	1	L109012523350S	
3	*	1	7027079471S10	
4	*	1	7020079470200S	
4	RA1 RA2	2	C180220042100S	
4	JP114 L2025	4	C200000060200S	
4	L2026 R1665			
4	JP121 JP122	35	C200000061300S	
	JP123 JP127			
	JP128 JP129			
	JP130 JP132			
	JP133 JP134			
	JP135 JP154			
	JP2003 JP2004			
	JP2005 JP2009			
	JP2011 JP2012			
	JP2013 JP2014			
	JP2017 JP2022			
	JP2024 JP2026			
	JP2027 JP2029			
	JP2031 JP2032			
	JP2038 JP2042			
	JP2043 JP2045			
	JP2051 JP2052			
4	R1667 R1673	40	C20000006M100S	
	R1674 R1675			
	R1895 R2115			
	R2116 R2125			
	R2167 R2169			
	R2177 R2187			
	R2191 R2195			
	R2196 R2197			
	R2198 R2201			
	R2203 R2204			
	R221 R222			
	R2227 R2306			
	R2307 R2308			
	R246 R2482			
	R2483 R36 R56			
	R76 R9601			
	R9602 R9603			
	R9606 R9609			
4	CB2010 CB2014	19	C20000006M160S	
	JP111 JP2001			
	JP2002 JP2010			
	JP2028 JP2034			
	JP2037 JP2039			
	JP2040 JP2041			
	JP2047 JP2053			
	L2005 L2006			
	L2023 L2024			
4	L1618	1	C200010060200S	

4	R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R2100 R2103 R2137 R2139 R2161 R2163 R2165 R2166 R28 R30 R32 R34 R48 R49 R50 R51 R57 R58 R59 R60 R9562 R9604 R9605	R,CHIP THICK	39	C20001006M100S
4	R1864 R1901 R1951 R2062 R2064 R2144 R2145 R2146 R2147 R2148 R2149 R2150 R2151 R2194 R2219 R2220 R2221 R2222 <del>R2223 R2224</del>	R,CHIP THICK	20	C20001016M100S
4	R2133	R,CHIP THICK	1	C20001024M100S
4	R2294 R2296 R2300 R9684 R9687 R9689 <del>R9696</del>	R,CHIP THICK	7	C20001026M101S
4	R2126 R2127 R2312	R,CHIP THICK	3	C20001034M100S
4	R1664 R2037 R2092 R2156 R2162 R2164 R2168 R2288 R2289 R2291 R2292 R248 R303 R307 R42 R44 R9685 <del>R9688 R9690</del>	R,CHIP THICK	20	C20001036M110S
4	R241 R247	R,CHIP THICK	3	C20001046M100S
4	R100	R,CHIP THICK	1	C20001046M160S
4	R2138 R2140	R,CHIP THICK	2	C200010560200S
4	R2185 R2205 R37 R41	R,CHIP THICK	4	C20001056M101S
4	R2154	R,CHIP THICK	1	C20001234M160S
4	R1860	R,CHIP THICK	1	C20001506M101S
4	R2179 R2184 R2193 R2200 R2213	R,CHIP THICK	5	C20001516M100S
4	R2479	R,CHIP THICK	1	C20001526M101S
4	R1652 R1654	R,CHIP THICK	2	C20001826M101S
4	R2323	R,CHIP THICK	1	C20002014M100S
4	R2134	R,CHIP THICK	1	C20002034M100S
4	R99	R,CHIP THICK	1	C20002044M100S
4	R197 R198 R199 R200 R201 R202 R203 R214 R215 R216 R217 R218 <del>R222 R223</del>	R,CHIP THICK	21	C20002206M101S
4	R242	R,CHIP THICK	1	C20002246M101S
4	R240	R,CHIP THICK	1	C20002256M101S
4	R101	R,CHIP THICK	1	C20002444M100S
4	R245	R,CHIP THICK	1	C20002726M101S
4	R243	R,CHIP THICK	1	C20002736M101S
4	R2322	R,CHIP THICK	1	C20003024M101S
4	R2123 R2131 R2173 R2174 R2178 R2180 R2181 R2182 R2183 R2199 <del>R2224</del>	R,CHIP THICK	11	C20003306M101S
4	R2129	R,CHIP THICK	1	C20003324M100S
4	R2130	R,CHIP THICK	1	C20003914M100S
4	R2186	R,CHIP THICK	1	C20003916M101S
4	R2249 R2250 R2251 R2252 R2253 R2254 R2255 R2256 R2257 R2258 R2259 R2260 R2261 R2262 R2263 R2264 R2265 R2266 R2267 R2268 R2269 R2270 R2271 R2272 R2273 R2274 R2275 R2276 R2277 R2278 R2279 R2280 R2281 R2282 R2283 R2284	R,CHIP THICK	38	C20004306M101S



4	R2157 R2192 R2209 R2210 R2211 R2212 R2214 R2215 R2216 R2217 R2218 R2223 R2229 R2231 R2232 R2235 R2236 R2238 R2241 R2243 R2248 R2293 R301 R39 R40 R77 R78 R79	R,CHIP THICK	32	C20004706M101S
4	R2206	R,CHIP THICK	1	C20004716M101S
4	R2158 R2159 R2171 R2172 R219 R220 R2237 R224 R2242 R225	R,CHIP THICK	12	C20004726M101S
4	R2128	R,CHIP THICK	1	C20004734M100S
4	R111 R1861 R2065 R2091 R2141 R2142 R2155 R2190 R2207 R2225 R2246 R2299 R2316 R238 R2473 R29 R299 R302 R31 R33 R35 R81 R85 R86 R87 R88 R89 R90 R93 R95 R9621	R,CHIP THICK	35	C20004736M101S
4	R2132	R,CHIP THICK	1	C20005124M101S
4	R1666 R1668	R,CHIP THICK	2	C20005606M101S
4	R1669 R2117 R2118	R,CHIP THICK	3	C20006826M101S
4	R244	R,CHIP THICK	1	C20008216M101S
4	C2134 C2220 C2225 C2242 C2245	C,CERAMIC CHIP T.C	5	D010102167100S
4	C2101 C2108	C,CERAMIC CHIP T.C	2	D010102167160S
4	C2091 C2094 C2095 C2109	C,CERAMIC CHIP T.C	4	D010106174300S
4	C86 C87	C,CERAMIC CHIP T.C	2	D010130167100S
4	C2146 C2147	C,CERAMIC CHIP T.C	2	D010140167100S
4	C2124	C,CERAMIC CHIP T.C	1	D010222167160S
4	C2162 C2170	C,CERAMIC CHIP HIK	2	D011100117101S
4	C1 C2061 C2063 C2070 C2084 C2085 C2086 C2093 C2096 C2104 C2185 C216	C,CERAMIC CHIP HIK	13	D011100167101S
4	C172 C182 C2077 C2142 C2143 C2251	C,CERAMIC CHIP HIK	7	D011101167101S
4	C158 C2082 C2117 C2118 C2167 C2168 C2169 C2181 C2182 C2183 C2184 C2188 C2195 C2209 C2213 C2221 C2232 C2240 C2252 C2254 C2256 C2260 C2267 C2268 C2269 C2300	C,CERAMIC CHIP HIK	29	D011102177100S
4	C102 C134 C143 C169 C1845 C1864 C2019 C2052 C2060 C2123 C2129 C2130 C2133 C2136 C2139 C2159 C2202 C2249 C39 C47 C68 C200 C206	C,CERAMIC CHIP HIK	27	D011103774102S
4	C2100 C2106	C,CERAMIC CHIP HIK	2	D011103777162S

	C108 C145			
	C2021 C2022			
	C2027 C2029			
	C2031 C2033			
	C2080 C2097			
	C2098 C2103			
	C2144 C2149			
	C2176 C2177			
	C2178 C2179			
	C2180 C2187			
	C2189 C2190			
	C2192 C2193			
	C2194 C2196			
4	C2197 C2199	C,CERAMIC CHIP HIK	80	D011104177100S
	C2203 C2204			
	C2207 C2210			
	C2211 C2212			
	C2214 C2216			
	C2217 C2218			
	C2219 C2222			
	C2223 C2224			
	C2226 C2228			
	C2229 C2230			
	C2231 C2233			
	C2234 C2235			
	C2237 C2238			
	C2239 C2241			
4	C1603 C2064	C,CERAMIC CHIP HIK	7	D011104577162S
	C2079 C2088			
	C2113 C2322			
4	C100 C101	C,CERAMIC CHIP HIK	18	D011105772101S
	C1695 C1696			
	C181 C1839			
	C26 C27 C29			
	C34 C37 C4			
	C42 C62 C79			
4	C9453	C,CERAMIC CHIP HIK	1	D011105774201S
4	C92 C93	C,CERAMIC CHIP HIK	2	D011106571160S
4	C103 C140	C,CERAMIC CHIP HIK	12	D011106572200S
	C142 C147			
	C175 C190			
	C191 C195			
4	C2132 C2148	C,CERAMIC CHIP HIK	5	D011106573200S
	C2150 C2165			
	C2175			
4	C107	C,CERAMIC CHIP HIK	1	D011221177101S
4	C2099 C2205	C,CERAMIC CHIP HIK	7	D011222177101S
	C2272 C2295			
	C2299 C2302			
	C2303			
4	C2200	C,CERAMIC CHIP HIK	1	D011224771100S
4	C2160	C,CERAMIC CHIP HIK	1	D011224774162S
4	C2110 C2111	C,CERAMIC CHIP HIK	4	D011226573303S
	C2112 C2115			
4	C98	C,CERAMIC CHIP HIK	1	D011226581200S
4	C95 C99	C,CERAMIC CHIP HIK	2	D011330167101S
4	C2083 C2087	C,CERAMIC CHIP HIK	13	D011331167101S
	C2107 C2138			
	C2140 C2155			
	C2186 C2191			
	C2198 C2215			
	C2227 C2236			
	C9452			
4	C110 C1701	C,CERAMIC CHIP HIK	19	D011331177100S
	C1846 C1866			
	C2206 C56 C58			
	C60 C64 C66			
	C70 C90 C9602			
	C9604 C9612			
	C9623 C9740			
	C9742 C9744			
4	C112 C164	C,CERAMIC CHIP HIK	2	D011332177101S
4	C149 C168	C,CERAMIC CHIP HIK	13	D011471177101S
	C183 C188			
	C189 C38 C41			
4	C48 C54 C67	C,CERAMIC CHIP HIK	11	D011472177101S
	C2125 C2156			
	C2304 C2305			
	C2306 C2308			
	C2309 C2310			
	C2345 C2346			
	C2347			
4	C2024	C,CERAMIC CHIP HIK	1	D011475772161S
4	C2062 C2066	C,CERAMIC CHIP HIK	6	D011475773201S
	C2076 C2078			
	C2089 C2092			
4	C2102 C2105	C,CERAMIC CHIP HIK	2	D011682177101S
4	C2350	C,CERAMIC CHIP HIK	1	D011820167101S
4	C2059	C,ELECT CHIP(GE)	1	D050010087200S
4	C2055 C2128	C,ELECT CHIP(GE)	10	D050101081650S
	C2135 C2145			
	C2157 C2161			
	C2171 C2172			
	C2174 C2271			
4	C2081 C33 C35	C,ELECT CHIP(GE)	4	D050101083350S
	C46			
4	C2173 C2296	C,ELECT CHIP(GE)	2	D050220083230S
4	C2131 C2258	C,ELECT CHIP(GE)	2	D050221081220S
4	C9493	C,ELECT CHIP(GE)	1	D0504R7084230S

4	L2012 L2014	COIL,INDUCTOR	2	D3104R7010200S	
4	L9	COIL,INDUCTOR	1	D310604590100S	
4	L2007 L2008	COIL,INDUCTOR	2	D310804061001S	
4	L2031	COIL,CHIP	1	D311121011210S	
4	L11 L13 L14 L15	COIL,CHIP	4	D311121019000S	
4	L2013	COIL,CHIP	1	D311160802220S	
4	L1 L1810 L1817	COIL,BEAD	7	D340100561210S	
4	L3 L5 L7 L8				
4	L2015 L2020	COIL,BEAD	4	D340160811210S	
4	L2029 L2032				
4	L2 L2021 L2022	COIL,BEAD	5	D340212561010S	
4	L4 L6				
4	XTAL2004	CRYSTAL CHIP	1	E80524R000990S	
4	X3000	CRYSTAL CHIP	1	E80527R000890S	
4	IC2018	IC.MEMORY-RAM	1	J001986466020S	
4	IC2019	IC.MEMORY FLASH	1	J005253200060S	
4	IC1	IC.MEMORY FLASH	1	J005254001010S	
4	IC3	IC.CPU MICRO PROCESS	1	J020901560010S	
4	IC1808	IC.LOGIC	1	J040704005550S	
4	IC1812	IC.LOGIC	1	J040741080360S	
4	IC2022	IC.LOGIC	1	J040741570110S	
4	IC2014	IC.LOGIC	1	J040742570040S	
4	IC1602	IC.LOGIC	1	J040864788022S	
4	IC1606	IC.LOGIC-INTERFACE	1	J046205101010S	
4	IC2007 IC2009	IC.LOGIC-D/D CONVER	2	J048650300010S	
4	IC2016	IC.ANALOG	1	J080320805520S	
4	IC2011	IC.ANALOG	1	J080458800010S	
4	IC2	IC.LINEAR POWER	1	J122214300010S	
4	IC2021	IC.LINEAR-REGULATOR	1	J126000005510S	!
4	IC2015	IC.LINEAR-REGULATOR	1	J126111718630S	
4	IC2005 IC2006	IC.LINEAR-REGULATOR	2	J126117050010S	
4	IC2004	IC.LINEAR-REGULATOR	1	J126283133010S	
4	IC2008	IC.LINEAR-REGULATOR	1	J126352932080S	
4	IC9450	IC.LINEAR-REGULATOR	1	J126736112010S	
4	Q9606 Q9608	SEMI,CHIP TR/NPN 2SC	4	J522011400020S	
4	Q9610 Q9612				
4	Q9607 Q9609	SEMI,CHIP TR/NPN 2SC	4	J522012400010S	
4	Q9611 Q9613				
4	Q2027 Q2041	SEMI,CHIP TR/NPN 2SC	2	J522101411210S	
4	Q2050 Q2051	SEMI,CHIP TR/NPN 2SC	2	J522305200050S	
4	Q2052	SEMI,CHIP TR/NPN 2SD	1	J5232114K0010S	
4	Q2026 Q2040	SEMI.FET CHIP	2	J543608000010S	
4	D2067 D2068	D.SWITCHING CHIP	3	K005041480230S	
4	D2069				
4	D2056 D2057	D.SCHOTTKY CHIP	2	K125551300010S	
4	JA1601 JA9601	CN.WAFER	5	L109100190710S	
4	JA9602 JA9603				
4	JA9604				

**U003** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	FRONT	1	7028079481010	
3	*	1	7027079481A10	
4	*	1	7020079480000S	
4	L702	1	D330100120520S	
4	L701	1	D330101120520S	
4	ZD701	1	K06007R544522S	
4	JP109 JP111	63	L045084006040S	
	JP112 JP120			
	JP121 JP123			
	JP124 JP125			
	JP128 JP129			
	JP15 JP16 JP17			
	JP18 JP19 JP20			
	JP21 JP22 JP23			
	JP24 JP3 JP30			
	JP31 JP32 JP33			
	JP34 JP36 JP37			
	JP38 JP39 JP4			
	JP40 JP42 JP47			
	JP48 JP5 JP6			
	JP61 JP62 JP63			
	JP65 JP66 JP7			
	JP70 JP72 JP77			
	JP78 JP79 JP80			
	JP81 JP82 JP83			
	JP85 JP86 JP87			
	JP88 JP89 JP90			
	JP91 JP92 JP93			
3	*	1	7027079481M10	
4	*	2	4328211306000	
5	*	1	1220211559000S	
5	*	1	4320211306000S	
4	RMC701	1	E940349003810S	
4	VEC701	1	G121122400231S	
4	FLT701	1	K530122400010S	
4	CN702	1	L026600042620S	
4	CN7202B1	1	L026800040170S	
4	CN701	1	L028221092620S	
4	CN704A	1	L130100112950S	
3	*	1	7027079481R10	
4	R779 R780	2	C0602R2063050S	!
4	C718 C719	2	D02047306C060S	
4	C717 C720	3	D040010087150S	
4	C728	1	D040100087070S	
4	C771	1	D040101087060S	
4	C731 C736	2	D040470083080S	

4	SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW716	SW,TACT	15	G180501000010S	
4	Q702	SEMI.TR/GE PNP 2SA	1	J5001266G0050S	!
4	LED703A1	LED,ROUND	1	K500052009011S	
3	*	P.C.B INS ASSY	1	7027079481S10	
4	JP41 JP50 JP51 JP52 JP53 JP54 JP55 JP56 JP57 JP58 JP59 JP60	R,CHIP THICK	12	C200000060201S	
4	JP100 JP101 JP102 JP103 JP104 JP105 JP122 JP126 JP127 JP64 JP67 JP68 JP73 JP74 JP76 JP95 JP96 JP99	R,CHIP THICK	18	C200000061300S	
4	J202 J203 J204 J205 J209 J210 J211 R747	R,CHIP THICK	8	C20000006M160S	
4	R738 R754 R756 R783	R,CHIP THICK	5	C20001016M160S	
4	R757 R771	R,CHIP THICK	2	C20001026M160S	
4	R749 R750 R778 R781	R,CHIP THICK	5	C20001036M160S	
4	R762 R776	R,CHIP THICK	2	C20001236M160S	
4	R737	R,CHIP THICK	1	C20001536M160S	
4	R758 R772	R,CHIP THICK	2	C20002226M160S	
4	R785	R,CHIP THICK	1	C20002736M160S	
4	R777	R,CHIP THICK	1	C20003326M160S	
4	R744	R,CHIP THICK	1	C20003916M160S	
4	R759 R773	R,CHIP THICK	2	C20003926M160S	
4	R739 R740	R,CHIP THICK	3	C20004716M160S	
4	R760 R774	R,CHIP THICK	2	C20005626M160S	
4	R705 R706 R707 R708 R709 R710 R711 R712 R713 R714 R715 R716 R717 R718 R719 R720 R721 R722 R723 R724	R,CHIP THICK	28	C20005636M160S	
4	R761 R775	R,CHIP THICK	2	C20008226M160S	
4	R735	R,CHIP THICK	1	C20008236M160S	
4	C716	C.CERAMIC CHIP T.C	1	D010100167161S	
4	C733 C734	C.CERAMIC CHIP T.C	3	D010101167160S	
4	C745 C755	C.CERAMIC CHIP T.C	2	D010331167160S	
4	C903 C922	C.CERAMIC CHIP T.C	2	D010820167160S	
4	C739 C743	C.CERAMIC CHIP HIK	3	D011102777160S	
4	C725 C732	C.CERAMIC CHIP HIK	2	D011103777162S	
4	C727 C756	C.CERAMIC CHIP HIK	2	D011104577162S	
4	C738 C742	C.CERAMIC CHIP HIK	2	D011821777160S	
4	IC701	IC,LINEAR-DRIVER	1	J127197044010S	
4	Q703	SEMI,CHIP TR/NPN 2SC	1	J522101441210S	
4	Q704	SEMI,CHIP TR/NPN 2SC	1	J522102371210S	
4	D713 D714	D.SWITCHING CHIP	2	K005041480230S	
2	HP	P.C.B SUB ASSY	1	7028079482010	
3	*	P.C.B INS ASSY	1	7027079482A10	
4	JP106 JP108 JP94	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079482M10	
4	*	PLATE	1	4470212746000S	
4	JACK701	JACK,D6.5	1	G402PJ612A09YS	
3	*	P.C.B INS ASSY	1	7027079482S10	
4	R896 R897	R,CHIP THICK	3	C200000060201S	
4	JP113 JP118 JP119	R,CHIP THICK	3	C200000061300S	
4	R895	R,CHIP THICK	1	C20001016M160S	
4	C748	C.CERAMIC CHIP T.C	1	D010060117160S	
4	C749 C750	C.CERAMIC CHIP T.C	2	D010223777160S	
4	C926 C927	C.CERAMIC CHIP T.C	3	D010820167160S	
4	C747	C.CERAMIC CHIP HIK	1	D011104577162S	
4	D705 D706	D.SWITCHING CHIP	2	K005041480230S	
2	USB	P.C.B SUB ASSY	1	7028079483010	
3	*	P.C.B INS ASSY	1	7027079483A10	
4	JP14	CN,WIRE 1P	1	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079483M10	
4	JACK3000	CN,PLUG CONTACT	1	G480040000180S	
4	CN2006	CN,WIRE ASSY	1	L028321050070S	
3	*	P.C.B INS ASSY	1	7027079483R10	
4	C3006	C,ELECT GE 85C	1	D040221081060S	
3	*	P.C.B INS ASSY	1	7027079483S10	
4	R3000 R3001	R,CHIP THICK	2	C20000006M160S	
4	C3004 C3008	C.CERAMIC CHIP T.C	2	D010101167160S	
4	C3003	C.CERAMIC CHIP HIK	1	D011102777160S	
4	C3002	C.CERAMIC CHIP HIK	1	D011103777162S	
4	C3001	C.CERAMIC CHIP HIK	1	D011104577160S	
2	INPUT SEL	P.C.B SUB ASSY	1	7028079484010	
3	*	P.C.B INS ASSY	1	7027079484A10	
4	JP1 JP114 JP12	CN,WIRE 1P	3	L045084006040S	
3	*	P.C.B INS ASSY	1	7027079484M10	
4	VEC702	SW,ENCODER	1	G121121200230S	
4	CP702A	CN.WAFER 2.0MM	1	L101521360420S	

3	*	P.C.B INS ASSY	1	7027079484R10
4	SW715	SW,TACT	1	G180501000010S
3	*	P.C.B INS ASSY	1	7027079484S10
4	D711 D712	R,CHIP THICK	2	C200000060201S
4	C761	R,CHIP THICK	1	C20000006M160S
4	C758	C,CERAMIC CHIP HIK	1	D011103777162S
4	C757 C759	C,CERAMIC CHIP HIK	2	D011821777160S
2	CONNECTOR	P.C.B SUB ASSY	1	7028079485010
3	*	P.C.B INS ASSY	1	7027079485A10
4	JP10 JP115 JP116 JP117 JP8 JP9	CN,WIRE 1P	6	L045084006040S
3	*	P.C.B INS ASSY	1	7027079485M10
4	BKT100	BRACKET	1	4010210196000S
4	BKT101	BRACKET	1	4010210196100S
4	CN109	CN,WAFER	1	L109012511540S
4	CN110	CN,WAFER	1	L109012521550S
3	*	P.C.B INS ASSY	1	7027079485R10
4	C251C C251FL C251FR C251R C251SL C251SR	C,ELECT GE 85C	8	D040100087070S
3	*	P.C.B INS ASSY	1	7027079485S10
4	R840 R846	R,CHIP THICK	2	C20000006M160S
4	R802 R804	R,CHIP THICK	6	C20001026M160S
4	R806 R809			
4	R800 R801	R,CHIP THICK	8	C20004746M160S
4	R803 R805			
4	R807 R808			
4	C250C C250FL C250FR C250SL	C,CERAMIC CHIP T.C	6	D010100117160S
4	C932 C933 C934 C935	C,CERAMIC CHIP T.C	6	D010820167160S
4	C252C C252FL C252FR C252SL	C,CERAMIC CHIP HIK	6	D011222777160S

**U004** P.C.B TOTAL ASSY

CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	CPU	1	7028079431090	
3	*	1	7027079431A90	
4	*	1	7020079430000S	
4	JP10 JP100 JP101 JP102 JP103 JP104 JP105 JP106 JP107 JP108 JP109 JP110 JP111 JP112 JP113 JP114 JP115 JP116 JP117 JP118 JP119 JP12 JP120 JP121 JP122 JP123 JP124 JP125 JP126 JP127 JP128 JP129 JP13 JP130 JP131 JP133 JP134 JP135 JP136 JP138 JP139 JP14 JP140 JP141 JP142 JP143 JP144 JP145 JP146 JP147 JP148 JP149 JP150 JP151			
4	JP124 JP125	157	L045084006040S	
3	*	1	7027079431M90	
4	BKT202	1	4010210196000S	
4	BKT201 BKT203	2	4010210196100S	
4	X201	1	E80016R000890S	
4	CN204	1	L026121032620S	
4	CN203A	1	L109012511140S	
4	CN201	1	L109012513340S	
4	CN208 CN209A	2	L109012521150S	
4	CN211	1	L109012521550S	
4	FPC201	2	L130100111050S	
4	CN704B	1	L130100112950S	
3	*	1	7027079431R90	
4	GND2	1	3790040886000S	
4	R2446	1	C060015165050S	
4	C218	1	D040100087070S	
4	C217	1	D040101083090S	
4	C227	1	D0402R2087160S	
4	C226	1	D040470083080S	
3	*	1	7027079431S90	
4	J332 J333 R309 R369	4	C200000060200S	
4	J254 J255 J288 J290 J291 J296 J297 J298 J299 J300 J302 J303 J304	13	C200000061300S	

4	C345 C379 C387 C388 J209 J213 J250 J251 J252 J253 J289 J292 J293 J294 J295 J301 J305 R210 R229 R249 R318 <del>R240 R220</del>	R,CHIP THICK	27	C20000006M160S	
4	R297	R,CHIP THICK	1	C20001006M160S	
4	R201 R202 R203 R204 R205 R206 R230 R246 R247 R251 R252 R253 <del>R255 R260</del>	R,CHIP THICK	19	C20001016M160S	
4	R1406 R261 R263 R266	R,CHIP THICK	5	C20001026M160S	
4	C112 R207 R208 R209 R224 R226 R228 R233 R236 R250 <del>R264 R265</del>	R,CHIP THICK	16	C20001036M160S	
4	R258 R272	R,CHIP THICK	3	C20001046M160S	
4	R259	R,CHIP THICK	1	C20001056M160S	
4	R289	R,CHIP THICK	1	C20001246M160S	
4	R331	R,CHIP THICK	1	C20001836M160S	
4	R334	R,CHIP THICK	1	C20002036M160S	
4	R211 R223 R225 R275 R295 R298 R299 R300 R303 R304 R305 R306 R307 R308 R311 R312 R313 R314 <del>R215 R216</del>	R,CHIP THICK	30	C20002206M160S	
4	R222	R,CHIP THICK	1	C20002436M160S	
4	R284	R,CHIP THICK	1	C20003316M160S	
4	R243 R333	R,CHIP THICK	2	C20003326M160S	
4	R219	R,CHIP THICK	1	C20003636M160S	
4	R288	R,CHIP THICK	1	C20003916M160S	
4	R214 R244 R325 R361	R,CHIP THICK	6	C20004706M160S	
4	R256 R257 R281 R282	R,CHIP THICK	4	C20004726M160S	
4	R213 R215 R216 R217 R220 R221 R227 R234 R235 R237 <del>R245 R248</del>	R,CHIP THICK	18	C20004736M160S	
4	R286 R287	R,CHIP THICK	2	C20004746M160S	
4	C249	C,CERAMIC CHIP T.C	1	D010100117160S	
4	C222	C,CERAMIC CHIP T.C	1	D010101167160S	
4	C216	C,CERAMIC CHIP T.C	1	D010102167160S	
4	C244 C245	C,CERAMIC CHIP T.C	2	D010160167161S	
4	C214	C,CERAMIC CHIP T.C	1	D010331167160S	
4	C253 C254	C,CERAMIC CHIP T.C	2	D010820167160S	
4	C221 C246 C247 C248	C,CERAMIC CHIP HIK	4	D011102777160S	
4	C202 C210 C215 C220 C225 C228 C229 C230 C231 C2312 <del>C2318 C232</del>	C,CERAMIC CHIP HIK	15	D011103777162S	
4	C201 C211 C223 C224 C2313 C2316	C,CERAMIC CHIP HIK	8	D011104577162S	
4	IC204	IC,MEMORY-EEPROM	1	J000241600190S	
4	IC203	IC,CPU MICRO PROCESS	1	J020303020040S	
4	Q201 Q216	SEMI,CHIP TR/PNP 2SA	3	J520015301210S	
4	Q202 Q204	SEMI,CHIP TR/NPN 2SC	2	J522102371210S	
4	Q203 Q206 Q209 Q210 Q211 Q212	SEMI,CHIP TR/NPN 2SC	9	J522305200050S	
4	D201 D202 D203 D206 D2064 D207	D,SWITCHING CHIP	8	K005041480230S	
4	ZD1004	D,ZENER CHIP	1	K06603R34P430S	
4	ZD1005	D,ZENER CHIP	1	K06618R04P430S	
2	PTC	P.C.B SUB ASSY	1	7028079432010	
3	*	P.C.B INS ASSY	1	7027079432M10	
4	CP5	CN,WAFFER 2.0MM	1	L101521360320S	
3	*	P.C.B INS ASSY	1	7027079432R10	
4	GND5	TERMINAL	1	3790040886000S	
3	*	P.C.B INS ASSY	1	7027079432S10	
4	R80 R81	POSISTOR	2	F320471000950S	

**U005** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	5CH AMP	P.C.B SUB ASSY	1	7028073661020	
3	*	P.C.B INS ASSY	1	7027073661A20	
4	*	P.C.B	1	7020073660002S	

4	R209C R209FL R,CARBON FILM R209FR R209SL	5	C00001226P520S
4	R207C R207FL R,CARBON FILM R207FR R207SL	5	C00001526P520S
4	R229 R230 R,CARBON FILM	3	C00001536P520S
4	R201C R201FL R,CARBON FILM R201FR R201SL	5	C00002216P520S
4	R227C R227FL R,CARBON FILM R227FR R227SL	5	C00002226P520S
4	R230C R230FL R,CARBON FILM R230FR R230SL	5	C00002236P520S
4	R224C R224FL R,CARBON FILM R224FR R224SL	5	C00002736P520S
4	R214C R214FL R,CARBON FILM R214FR R214SL	5	C00003026P520S
4	R204C R204FL R,CARBON FILM R204FR R204SL R204SR R206C R206FL	10	C00003336P520S
4	R225C R225FL R,CARBON FILM R225FR R225SL	5	C00003346P520S
4	R210C R210FL R,CARBON FILM R210FR R210SL	5	C00004716P520S
4	R208C R208FL R,CARBON FILM R208FR R208SL	5	C00004736P520S
4	R205C R205FL R,CARBON FILM R205FR R205SL	5	C00004746P520S
4	R213C R213FL R,CARBON FILM R213FR R213SL	5	C00007506P520S
4	R203C R203FL R,CARBON FILM R203FR R203SL	5	C00007526P520S
4	R226C R226FL R,CARBON FILM R226FR R226SL	5	C00007536P520S
4	R212C R212FL R,CARBON FILM R212FR R212SL	5	C00008216P520S
4	C206C C206FL C,CERAMIC HIK AXIAL C206FR C206SL	5	D005102177531S
4	C211C C211FL C,CERAMIC HIK AXIAL C211FR C211SL	5	D005223594521S
4	C202C C202FL C,CERAMIC HIK AXIAL C202FR C202SL	5	D005681177521S
4	D201C D201FL D,SWITCHING D201FR D201SL D201SR D202 D202C D202FL D202FR D202SL D202SR D202C	16	K000414800050S
4	DZ202C D,ZENER DZ202FL DZ202FR DZ202SL DZ202SR DZ203C DZ203FL DZ203FR	10	K06004R344522S

	J246 J247 J248			
	J249 J250 J251			
	J252 J253 J254			
	J255 J256 J257			
	J258 J259 J260			
	J261 J262 J263			
	J264 J265 J266			
	J267 J268 J269			
	J270 J271 J272			
	J273 J274 J275			
	J276 J277 J278			
	J279 J280 J281			
	J282 J283 J284			
4	J285 J286 J287 CN,WIRE 1P		94	L045084006040S
	J288 J289 J290			
	J291 J292 J293			
	J294 J295 J296			
	J297 J298 J299			
	J300 J301 J302			
	J303 J304 J305			
	J306 J307 J308			
	J309 J310 J311			
	J312 J313 J314			
	J315 J316 J317			
	J318 J319 J320			
	J321 J322 J323			
	J324 J325 J326			
3	* P.C.B INS ASSY		1	7027073661M20
4	CLP200 CLAMP		1	4330000120000S
4	* SOLDER		####	A740000120020
4	* SOLDER		####	A740000330000
4	CN204 CN,WIRE 2MM		1	L002900102620S
4	CP205 CN.WAFER 2.0MM		1	L101200100310S
4	CP201 CN.WAFER 2.0MM		1	L101200101010S
4	CP203 CN.WAFER 2.5MM		1	L102526700500S
3	* P.C.B INS ASSY		1	7027073661R20
4	FG1 FG2 FG3 TERMINAL		3	3790040886000S
4	R228 R,METAL FILM 100PPM		1	C060010065050S
4	R211C R211FL R,METAL FILM 100PPM		15	C060047063050S
	R211FR			
	R211SL			
	R211SR R218C			
	R218FL			
	R218FR			
	R218SL			
4	R216C R216FL R,METAL FILM 100PPM		10	C060056265050S
	R216FR			
	R216SL			
	R216SR R217C			
	R217FL			
4	C204C C204FL C,CERAMIC T.C DISC		5	D00033006D051S
	C204FR			
	C204SL			
4	C209C C209FL C,CERAMIC HIK DISC		10	D00410107D051S
	C209FR			
	C209SL			
	C209SR C210C			
	C210FL			
4	C201C C201FL C,ELECT GE 85C		11	D040100087070S
	C201FR			
	C201SL			
	C201SR C208C			
	C208FL			
	C208FR			
4	C212 C217 C,ELECT GE 85C		3	D04010008C050S
4	C205C C205FL C,ELECT GE 85C		5	D040101082070S
	C205FR			
	C205SL			
4	C213 C216 C,ELECT GE 85C		2	D040331081050S
4	C207C C207FL C,ELECT GE 85C		5	D040470087070S
	C207FR			
	C207SL			
4	C215 C,ELECT GE 85C		1	D0404R7087250S
4	Q201C Q201FL SEMI,TR/GE PNP 2SA		11	J5000992F0050S
	Q201FR			
	Q201SL			
	Q201SR Q202C			
	Q202FL			
	Q202FR			
4	Q203C Q203FL SEMI,TR/GE NPN 2SC		10	J5023206Y0050S
	Q203FR			
	Q203SL			
	Q203SR Q207C			
	Q207FL			
4	R220C R220FL R,FIXED,M.O.		20	N113136647820S
	R220FR			
	R220SL			
	R220SR R221C			
	R221FL			
	R221FR			
	R221SL			
	R221SR R222C			
	R222FL			
	R222FR			
3	* P.C.B INS ASSY		1	7027073661S20



4	C223C C223FL C,CERAMIC CHIP T.C	34	D010820167200S
	C223FR		
	C223SL		
	C223SR C225C		
	C225FL		
	C225FR		
	C225SL		
	C225SR C226		
	C227 C228		
	C230 C231		
	C232 C233		
	C234 C235		
	C236 C237		
	C240 C241		
4	C212C C212FL C,CERAMIC CHIP T.C	15	D01082016C201S
	C212FR		
	C212SL		
	C212SR C213C		
	C213FL		
	C213FR		
	C213SL		
	C213SR C220C		
4	C245C C245FL C,CERAMIC CHIP T.C	5	D01082116C160S
	C245FR		
	C245SL		

**U006** P.C.B TOTAL ASSY

	CIRCUIT NO.	PART NAME	Q'TY	PART NO. (SN)	REMARKS
2	ST BY	P.C.B SUB ASSY	1	7028079491010	
3	*	P.C.B INS ASSY	1	7027079491A10	
4	*	P.C.B	1	7020079490000S	
4	R333	R.CARBON FILM	1	C00003326P520S	
4	D305 D306	D.SWITCHING	4	K000400700220S	!
	D307 D308				
4	ZD301	D.ZENER	1	K06005R144522S	
4	ZD303	D.ZENER	1	K06006R244522S	
4	ZD302	D.ZENER	1	K06015R044522S	
4	J301 J302 J303	CN,WIRE 1P	10	L045084006040S	
	J305 J306 J307				
	J308 J309 J310				
	J311				
3	*	P.C.B INS ASSY	1	7027079491M10	
4	BKT301	BRACKET	1	4010210196000S	
4	BKT302 BKT303	BRACKET	2	4010215796000S	
4	PT301	POWER TRANS	1	8200280150681V	!
4	C304	C.CERAMIC AC(SAFETY)	1	D00847208H010S	
4	C301	C.ELECT GE 85C	1	D040222083010S	
4	RLY301	RELAY	1	G680060103030S	!
4	CP701	CN.WAFER 2.0MM	1	L101521360920S	
4	CP304	CN.WAFER 2.5MM	1	L102001400320S	
4	CP302	CN.WAFER 7.92MM	1	L108011430210S	!
4	CP301	CN.WAFER 7.92MM	1	L108396030010S	!
4	F301	FUSE GLASS TUBE 20MM	1	N751503151160S	!
3	*	P.C.B INS ASSY	1	7027079491R10	
4	R326	R.METAL FILM 100PPM	1	C060056065050S	
4	C302 C315	C.ELECT GE 85C	2	D040010087150S	
4	C303	C.ELECT GE 85C	1	D040101083090S	
4	F301A F301B	HOLDER,FUSE CLIP	2	G645000050010S	
3	*	P.C.B INS ASSY	1	7027079491S10	
4	R336	R.CHIP THICK	1	C20001036M160S	
4	R334	R.CHIP THICK	1	C20002036M160S	
4	R319	R.CHIP THICK	1	C20002226M160S	
4	R318	R.CHIP THICK	1	C20004736M160S	
4	C307	C.CERAMIC CHIP T.C	1	D010331167160S	
4	C305 C306	C.CERAMIC CHIP HIK	2	D011104577160S	
4	IC301	IC.LINEAR-REGULATOR	1	J126111733630S	
4	Q302	SEMI.CHIP TR/NPN 2SC	1	J522101441210S	!
4	Q301 Q303	SEMI.CHIP TR/NPN 2SC	2	J522305200050S	
4	D301 D302	D.SWITCHING CHIP	6	K005041480230S	!
	D303 D304				