

Service Manual

MM8003 /F B/K1B/N1B/U1B

8 Channel Power Amplifier

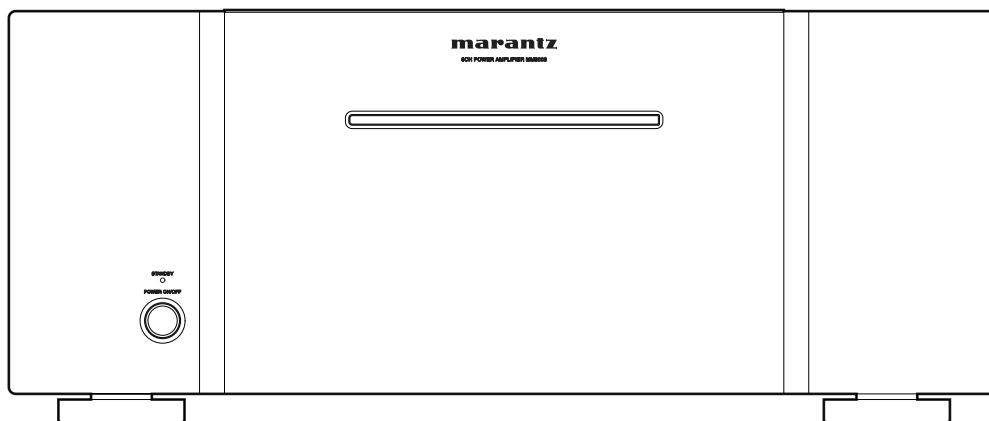


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Please use this service manual with referring to the user guide (D.F.U.) without fail.

修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

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MM8003

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.

The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

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NOTE ON SAFETY :

Symbol  Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol  . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :

 がついている部品は、安全上重要な部品です。必ず指定されている部品番号のものを使用して下さい。

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 60065.

In case of difficulties, do not hesitate to contact the Technical
Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

Rated power output	
(from 20 Hz - 20 kHz/THD=0.08% two channels driven)	
.....	8 ohms 140 W/Ch
.....	6 ohms 170 W/Ch
Output bandwidth (8-Ω load, 0.09%)	
.....	5 Hz – 40 kHz
Frequency Response	
.....	8 Hz – 100 kHz (± 3 dB)
Damping factor	100
Input Sensitivity/Impedance	
.....	1.2 V/ 22 kΩ (UNBALANCED)
.....	2.4 V/30 kΩ (BALANCED)
Signal to Noise Ratio (IHF-A)	105 dB
Voltage amplification level	29 dB

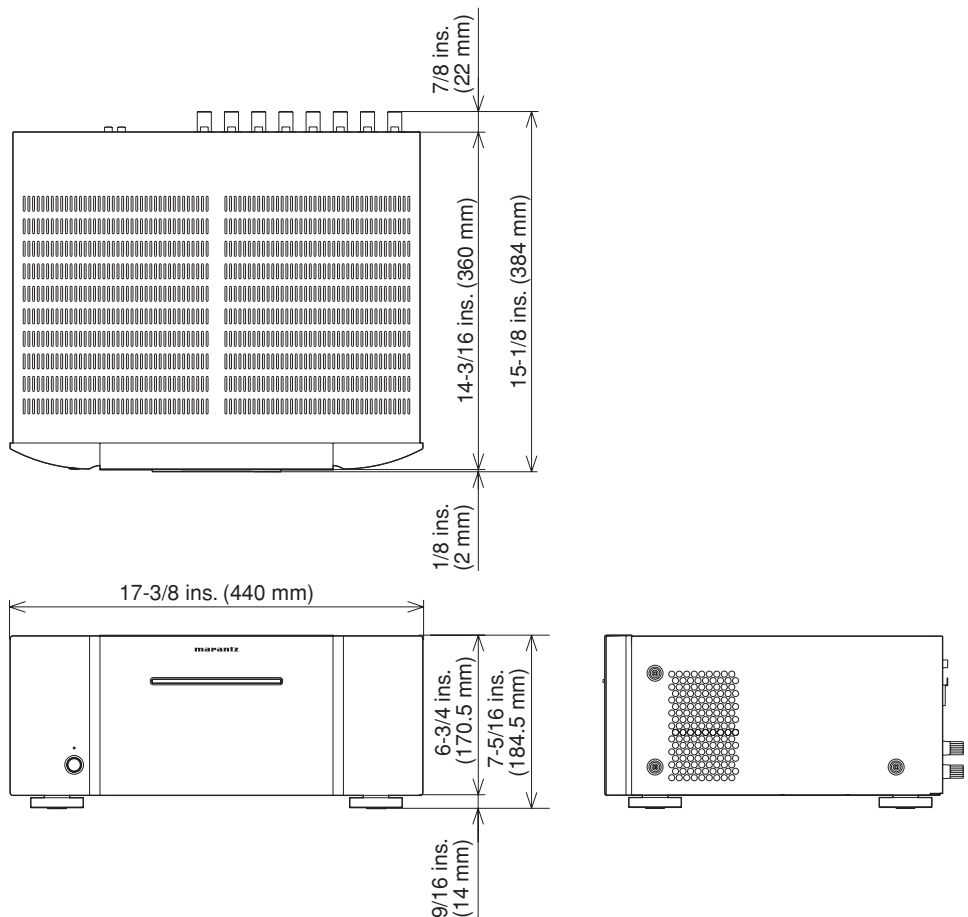
GENERAL

Power Requirement	AC 100 V 50/60 Hz [/F]
.....	AC 230 V 50/60 Hz [/N]
.....	AC 120 V 60 Hz [/U]
Power Consumption	880 W [/N]
.....	800 W [/F/U]
Standby power	0.4 W
Weight	17.9 kg

ACCESSORIES

Remote control cable	1
AC power cable	1

DIMENSIONS



[K version]

额定功率输出	
(从20 Hz至20 kHz/THD = 0.08 %双声道驱动)	
.....	140 W / ch 8 Ω
.....	170 W / ch 6 Ω
实际最大输出 (6 Ω / JEITA)	220 W / ch 6 Ω
输出带宽 (8 Ω 负载, 0.09%)	
.....	5 Hz - 40 kHz
频率响应 (1 W, 8 Ω)	
.....	8 Hz - 100 kHz (± 3 dB)
阻尼因数	100
输入灵敏度/阻抗	
.....	1.2 V/ 22 kΩ (UNBALANCED)
.....	2.4 V/30 kΩ (BALANCED)
信噪比 (IHF-A)	105 dB
电压放大水平	29 dB
供电电压	AC220V 50 Hz
电源消耗	880 W
待机功率	0.5 W
重量	17.9 kg
附件	
电源线	1
遥控电缆	1
使用说明书 (本书)	1

2. POWER AMPLIFIER ADJUSTMENT

Idling Current Alignment

- Each of the measurement points are provided with the two test points. Set a digital Voltage meter to DC voltage input, connect the meter to the test points at both contact points.
- After the setup above, turn on the main switch.
- Adjust variable resistors (VR20 - VR50) according to the digital voltmeter readings. The target setting value is the following table for each channel.

Settings : No-signal of input

Speaker out — No Load

Top lid — OPEN

2. POWER AMPLIFIER ADJUSTMENT

アイドリング電流調整

- 電源をONする前にそれぞれの"+"端子と "-"端子間にデジタルボルトメーターを接続します。デジタルボルトメーターをDC電圧入力にセットします。
- 上記のセットアップの後に、本機の電源をONします。
- デジタルボルトメーターの電圧値を監視しながら可変抵抗器(VR20 ~ VR50)を調節します。
各チャンネルの目標値は下記の表を参照下さい。

セッティング : 入力信号無し

スピーカー接続 — 無し

トッパカバー — 無し

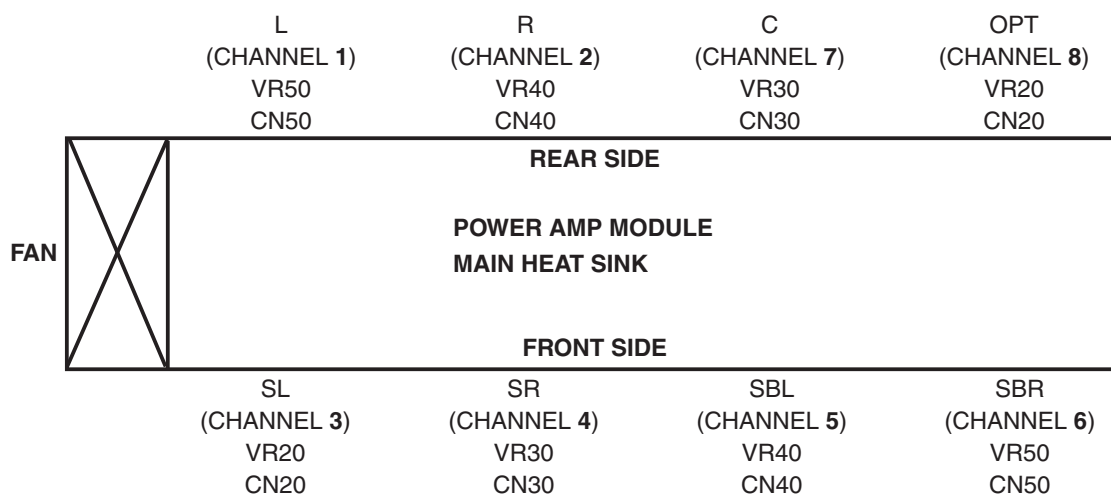
フロント側のパワーアンプCHANNEL 3 (SL) / CHANNEL 4 (SR) CHANNEL 5 (SBL)/ CHANNEL 6 (SBR) のアイドリング電流調整を行う場合はフロントパネルを外して行ってください。

Measurement Point

AMP PWB	Channel	Adjustment VR	Measurement Point
Front side AMP PWB	SL (CHANNEL 3)	VR20	CN20
	SR (CHANNEL 4)	VR30	CN30
	SBL (CHANNEL 5)	VR40	CN40
	SBR (CHANNEL 6)	VR50	CN50
Rear side AMP PWB	L (CHANNEL 1)	VR50	CN50
	R (CHANNEL 2)	VR40	CN40
	C (CHANNEL 7)	VR30	CN30
	OPT (CHANNEL 8)	VR20	CN20

Time Table of Idling Current Rise

After Turning ON	Ambient temperature 20 to 30 degrees centigrade
	Measurement Voltage
10 min.	1.5 mV ± 0.2 mV
20 min.	1.5 mV ± 0.2 mV
30 min.	1.5 mV ± 0.2 mV



3. SERVICE MODE

CPU version check

1. Connect the mains cord into the unit
2. Press the **POWER ON/OFF** button for turn on the unit.
3. Press the **Service Key (SW42)** on CPU PWB. (Refer to **4. FACTORY MODE**).
4. The firmware version is displayed on the front LED.
5. V1 (D407) / V2 (D406) / V3 (D405) of the CPU Version Indication LED turns on as follows.

Version	V1(D407)	V2(D406)	V3(D405)
Ver 1	OFF	OFF	ON
Ver 2	OFF	ON	OFF
Ver 3	OFF	ON	ON
Ver 4	ON	OFF	OFF
Ver 5	ON	OFF	ON
Ver 6	ON	ON	OFF
Ver 7	ON	ON	ON

3. SERVICE MODE

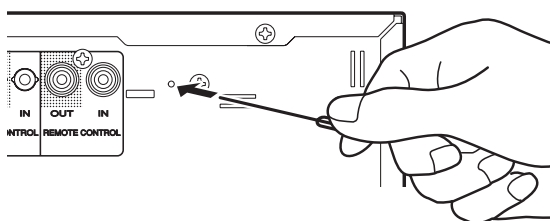
CPUのバージョン表示を行います。

1. 本機に電源コードを接続します。
2. **POWER ON/OFF**ボタンを押し、本機の電源を入れます。
3. CPU PWBの**Service Key (SW42)**ボタンを押します。
(場所は**4. FACTORY MODE**を参照)
4. CPU Version Indication LEDのV1(D407)/V2(D406)/V3(D405) が下記のように点灯します。

RESETTING THE AMPLIFIER

This amplifier features a microcontroller.

1. Set the amplifier to standby or turn its power on.
2. Use the tip of a needle or other sharp-pointed object to press the reset switch in the hole indicated by the arrow for at least 1 second.



初期状態に戻すには（リセット）

1. 電源が入っていることを確認します。
2. 下図のように、穴にクリップなどを差し込みリセットスイッチを1秒以上押します。

When the amplifier power is already on, the amplifier is first set to standby mode, after which the microcontroller is initialized, and the power is turned back on.

When the microcontroller is reset with the amplifier in standby mode, it is initialized, then the power is turned back on.

本機は一度スタンバイ状態になった後、再度**POWER - ON**状態となり、各種設定された内容が初期化され、工場出荷時の状態に戻ります。

4. FACTORY MODE

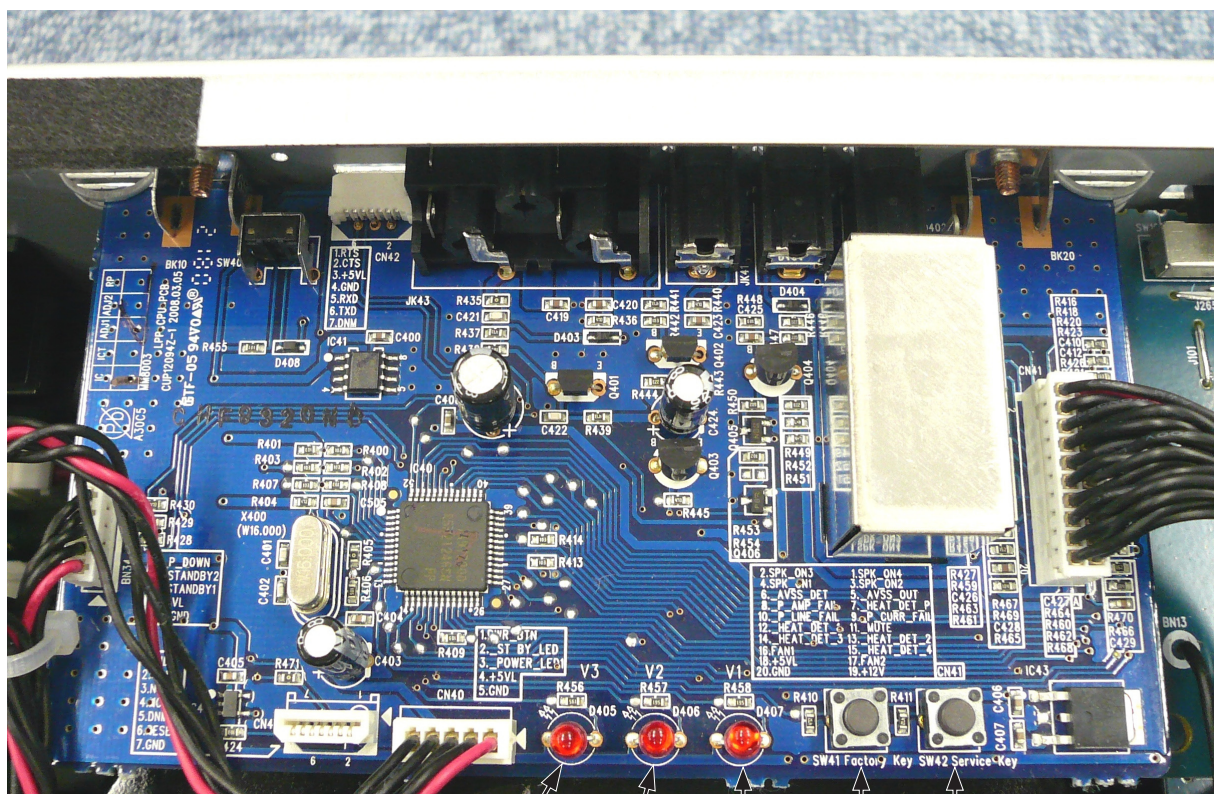
Check that the CPU Version Indication LEDs [V1(D407)/V2(D406)/V3(D405)], Cooling Fan, Power Relay (RY21/R422) operate properly.

1. Connect the mains cord to the unit.
2. Press the **POWER ON/OFF** button and turn on the unit.
3. Press the **Factory Key (SW41)** on the CPU PWB.
4. All the CPU Version Indication LEDs [V1(D407)/V2(D406)/V3(D405)] light up.
5. The Cooling Fan starts running. (Low or High)
6. Press the **Factory Key (SW41)** again.
7. Switch the Power Relay (RY21/R422) to the HIGH voltage.
8. Press the **Factory Key (SW41)** again.
9. Switch the Power Relay (RY21/R422) to the LOW voltage. Thereafter, at every push of the **Factory Key**, the Power Relay must be switch to HIGH or LOW.

4. FACTORY MODE

CPU Version Indication LED [V1(D407)/V2(D406)/V3(D405)], Cooling FAN、電源電圧切り替えリレー(RY21/R422)の動作確認を行います。

1. 本機に電源コードを接続します。
2. **POWER ON/OFF**ボタンを押し、本機の電源を入れます。
3. CPU PWBの**Factory Key (SW41)** を押します。
4. CPU Version Indication LED [V1(D407)/V2(D406)/V3(D405)] が全て点灯します。
5. Cooling FAN が回転します。(Low or High)
6. 再度**Factory Key (SW41)**ボタンを押します。
7. 電源電圧切り替えリレーを (RY21/R422)をHigh電圧側に切り替えます。
8. 再度**Factory Key (SW41)**ボタンを押します。
9. 電源電圧切り替えリレーを (RY21/R422)をLow電圧側に切り替えます。以下**Factory Key (SW41)**を押すたびに電源電圧切り替えリレーを (RY21/R422)をHigh電圧 <-> Low電圧を切り替えます。

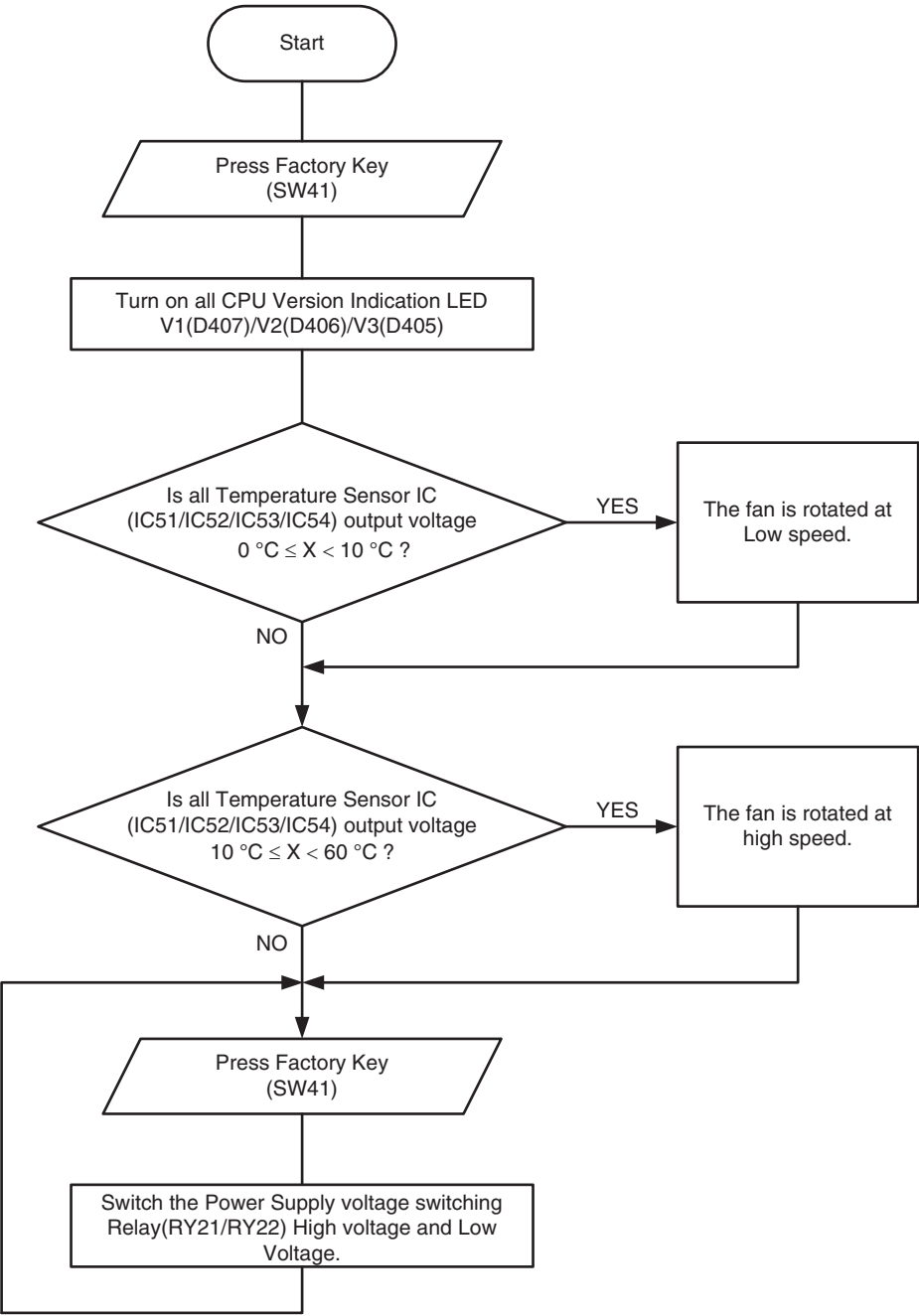


[V3(D405), V2(D406), V1(D407)]
CPU Version Indication LED

Service Key (SW42)

Factory Key (SW41)

CHART OF FACTORY MODE



5. SYSTEM ERROR

5. SYSTEM ERROR

Error Detection (1)

エラー検出 (1)

Error Detection エラー検出	Reason 理由	Check points チェックポイント	
STANDBY LED FLICKERING 500 msec intervals. (SLOW flickering) NOTE : HOW TO RECOVER FROM THIS SYSTEM ERROR The product can recover from the SYSTEM ERROR when press the POWER ON-OFF (STANDBY) button at yourself. However, once any of the right errors is redetected, the product goes into STANDBY again. STANDBY LEDが500msec 間隔でゆっくり点滅する。 復帰操作 : このSystem ErrorはUserがPOWER ON/STANDBYボタンを操作することにより通常動作に復帰しますが、右記のいずれかの異常を再検出すると製品は、再びSystem Errorとなります。	1. Detection of DC on Power Amp Output Power Amp出力のDC検出 (_P AMP FAIL) Main-CPU (IC40) 41pin _P AMP FAIL : 0V : Fail 0V : 異常 5V : Normality 5V : 正常	Connection 接続	AMP PWB : CN72 - 2pin FAN & PROTECTION PWB : BN10 - 2pin, BN20 - 2pin, CN25 - 2pin POWER & SPK PWB : BN20 - 2pin, CN70 - 8pin CPU PWB : CN41 - 8pin
	2. Detection of abnormal heat of Power AMP Power Ampの異常温度検出 (_HEAT_DET_1) (_HEAT_DET_2) (_HEAT_DET_3) (_HEAT_DET_4) Main-CPU (IC40) 48pin, 42pin, 43pin, 30pin (A/D port) : Below 1257 mV : Fail Over 1257 mV : Normality	POWER AMP	Check Power AMP circuit (AMP PWB) Power Amp 回路 (AMP PWB) をチェックしてください。
		Connection 接続	LM94022BIMG PWB1 to 4 : BN51 to BN54 FAN & PROTECTION PWB : CN51 to CN54, CN25 - 4pin to 7pin POWER & SPK PWB : BN20 - 4pin to 7pin, CN70 - 12pin to 15pin CPU PWB : CN41 - 12pin to 15pin
		Temperature Sensor 温度センサー	Check Temperature Sensor IC LM94022 (IC51 to IC54) 温度センサー IC LM94022 (IC51~IC54) を確認してください。
	3. Detection of abnormal heat of Power AMP Power Ampの異常温度検出 (_HEAT_DET_P) Main-CPU (IC40) 24pin 0V : Fail 0V : 異常 5V : Normality 5V : 正常	Connection 接続	FAN & PROTECTION PWB : CN28, CN29, CN25 - 1pin POWER & SPK PWB : BN20 - 1pin, CN70 - 7pin CPU PWB : CN41 - 7pin
		POSISTOR	TH52(BN29)
	4. Detection of Over current below 200 msec on Power AMP Power Ampの200msec未満の過電流検出 (_P CUR FAIL) CPU (IC40) 38pin _P CUR FAIL : 0V : Fail 0V : 異常 5V : Normality 5V : 正常	Connection 接続	AMP PWB : CN72 - 1pin FAN & PROTECTION PWB : BN10 - 1pin, BN20 - 1pin, BN25 - 3pin POWER & SPK PWB : CN20 - 3pin, CN70 - 9pin CPU PWB : CN41 - 9pin
		POWER AMP	Check Power AMP circuit (AMP PWB) Power Amp 回路 (AMP PWB) をチェックしてください。

Error Detection (2)

エラー検出 (2)

Error Detection エラー検出	Reason 理由	Check points チェックポイント	
STANDBY LED FLICKERING 125msec intervals. NOTE : HOW TO RECOVER FROM THIS SYSTEM ERROR This SYSTEM ERROR cannot be rectified by users. In order to power on the product, please do the following: Press Service key (SW42) on the CPU PWB. However, if any problem remains with the product, the SYSTEM ERROR will occur again. STANDBY LEDが125msec間隔で早く点滅する。 復帰操作 : このSystem Errorは、Userによる復帰が不可能です。製品の電源をONするには、以下の操作を行ってください。 CPU PWB上のService Key (SW42)を押してください。ただし、製品に右記のいずれかの異常がある場合は、再びSystem Errorになります。	1. Detection of Over current over 200msec on Power AMP Power Ampの200msec以上の過電流検出 (_P CUR FAIL) CPU (IC40) 38pin _P CUR FAIL : 0V : Fail 0V : 異常 5V : Normality 5V : 正常 There is a possibility that Power AMP is broken. Power AMPが故障している可能性があります。	Connection 接続	AMP PWB : CN72 - 1pin. FAN & PROTECTION PWB : BN10 - 1pin, BN20 - 1pin, CN25 - 3pin. POWER & SPK PWB : BN20 - 3pin, CN70 - 9pin. CPU PWB : CN41 - 9pin.
		POWER AMP	Check Power AMP circuit (AMP PWB) Power Amp回路 (AMP PWB) をチェックしてください。
	2. Detection of an abnormality on $\pm 38V$, $\pm 15V$ supply or Power Amp power supply $\pm 38V$, $\pm 15V$ Supply又は、Power Amp用電源の異常検出 (_P LINE FAIL) CPU (IC40) 45pin _P LINE FAIL : 0V : Fail 0V : 異常 5V : Normality 5V : 正常 There is a possibility that $\pm 38V$ supply or P-AMP power supply is broken. $\pm 38V$ SupplyまたはPower AMP用電源が故障している可能性があります。	Connection 接続	POWER & SPK PWB : CN70 - 10pin CPU PWB : CN41 - 10pin
		POWER AMP Power Supply	POWER & SPK PWB : C130, C131, D118, C134, C135, F102, F103, IC12, IC13, R135, R136.

For the product to start operating normally when the power is turned on, the circuit connected to each input port of _P DOWN, _P CUR FAIL, _P AMP FAIL, _P LINE FAIL, _HEAT_DET_P, and _HEAT_DET_1 ~ 4 needs to be operating normally.

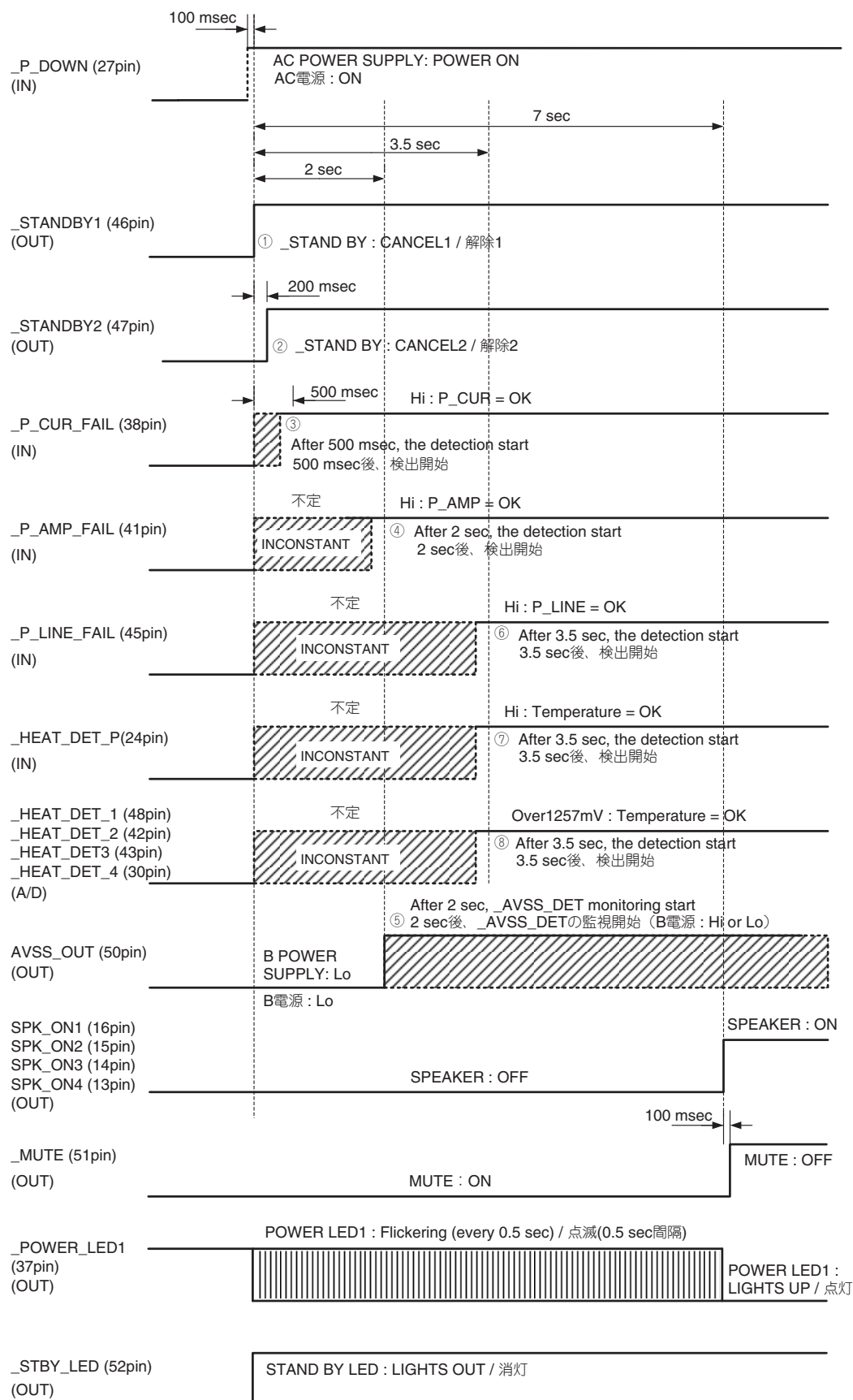
Check

- TIMING CHART : Normal operation when the power is turned on.

電源ON時に製品が通常動作を開始するためには下図の様な Timingで_P DOWN, _P CUR FAIL, _P AMP_FAIL, _P LINE FAIL, _HEAT_DET_P, _HEAT_DET_1 ~ 4の各入力Portで接続されている回路が正常動作している必要があります。

Check

- TIMING CHART : 電源ON時の正常動作。



電源ON時の異常検出動作



6. UPDATE FIRMWARE

Update microprocessor's software to internal Flash-ROM.

- This mode is to update the software for microprocessor.
- The target device is internal flash ROM of microprocessor (IC40) on CPU PWB (CUP12094Z-1).
- The updating of software takes about 20 seconds.

NECESSARY EQUIPMENT

The following items are required for updating.

- Windows PC (OS: Windows2000 or WindowsXP) with Serial port.
- RS-232C Dsub-9 pin cable (female to female/straight type)
- Update software to CPU. (FlashSta.exe, MM8003_yymmddvv.mot and MM8003_yymmddvv.id in CPU (MM8003) folder)
- DATA UPDATE KIT (part no. 90M-SR4500JIG)
Use DATA UPDATE KIT to connect PC and CN42 (FFC connector) in rear panel of the unit, when updating CPU

Update CPU's software to internal Flash-ROM

1. Disconnect the mains cord from the unit.
2. Connect PC and the DATA UPDATE KIT with the RS-232C cable. And connect FFC (upside contact) to the connector (CN42) into the rear panel of the unit from the DATA UPDATE KIT.

6. UPDATE FIRMWARE

Update microprocessor's software to internal Flash-ROM.

- このモードはマイコンの更新用です。
- 基板CUP12094Z-1 (CPU PWB) のIC40のマイコン内部のフラッシュROMに書き込みます。
- 書き込みにかかる時間は約20秒です。

必要機器

下記は更新に必要な機器です。

- Windows PC (OS : Windows2000 またはWindowsXP) で Serial ポートのあるもの
- RS-232C ストレートケーブル(9Pin メス-9Pin メス)
- マイコン用書き込みソフトウェア(CPU (MM8003)フォルダ内FlashSta.exe、MM8003_yymmddvv.mot、MM8003_yymmddvv.id)
- DATA UPDATE KIT (part no. 90M-SR4500JIG)
マイコンのファームウェアを更新する場合、DATA UPDATE KITを使用しPCと本機のリアパネル内にあるCN42とを接続します。

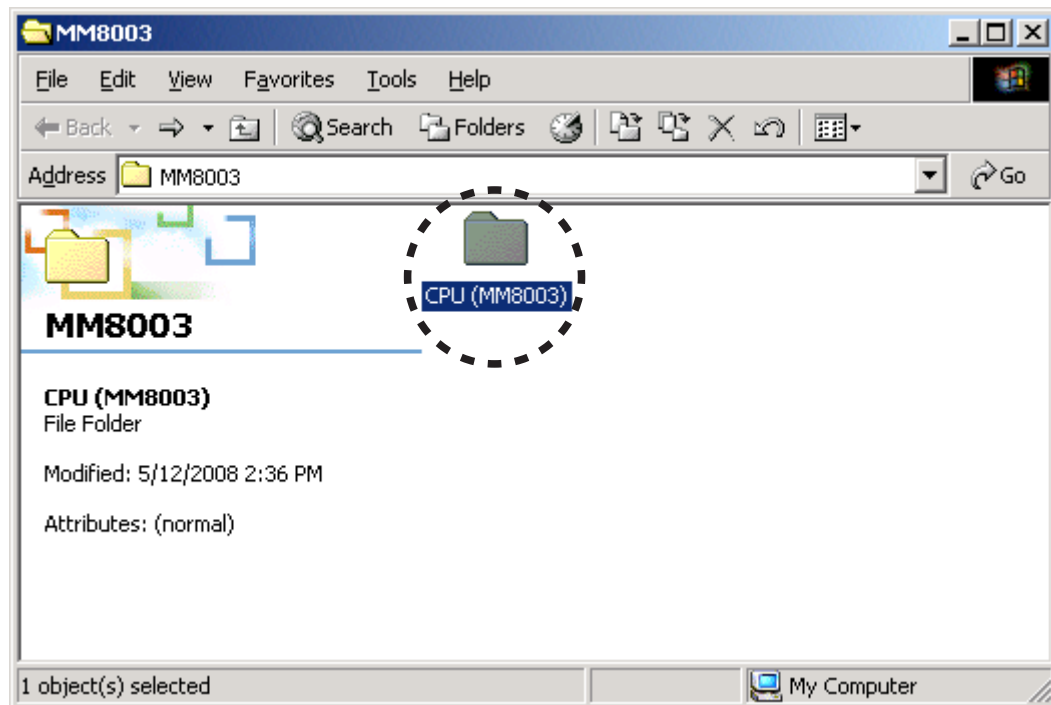
Update CPU's software to internal Flash-ROM

1. 本機から電源ケーブルを抜きます。
2. DATA UPDATE KITのRS-232CコネクタとWindows PCのSerialポートをRS-232Cケーブルで接続し、本機のリアパネルにDATA UPDATE KITのFFC をコンタクト面を上にして差し込みます。



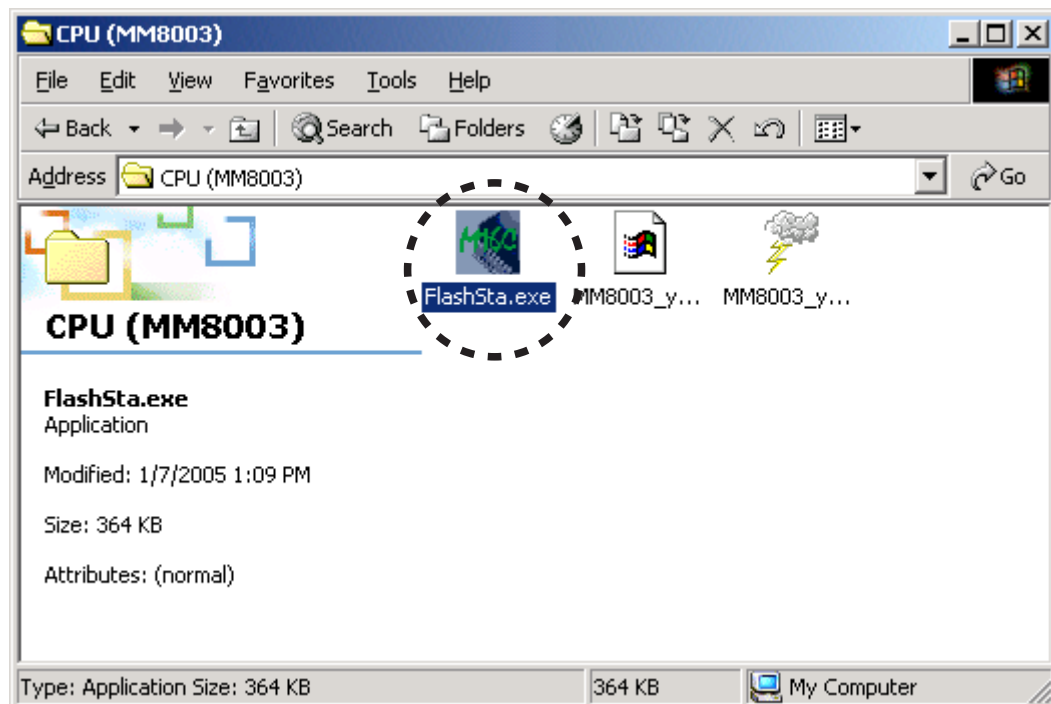
3. Connect the mains cord into the unit.
4. Press the **POWER ON/OFF** button for turn on the unit.
(Except /U1B)
Then the STANDBY LED do not turn on a light.
5. Put the CPU (MM8003) folder into anywhere on your PC's hard disc.
6. Double click the CPU (MM8003) folder.

3. 本機に電源コードを接続します。
4. 本機の**POWER ON/OFF**ボタンを押して電源を入れます。
このときSTANDBY LEDは点灯しません。
5. CPU (MM8003)フォルダをPCの任意のフォルダにコピーします。
6. CPU (MM8003)フォルダをダブルクリックします。



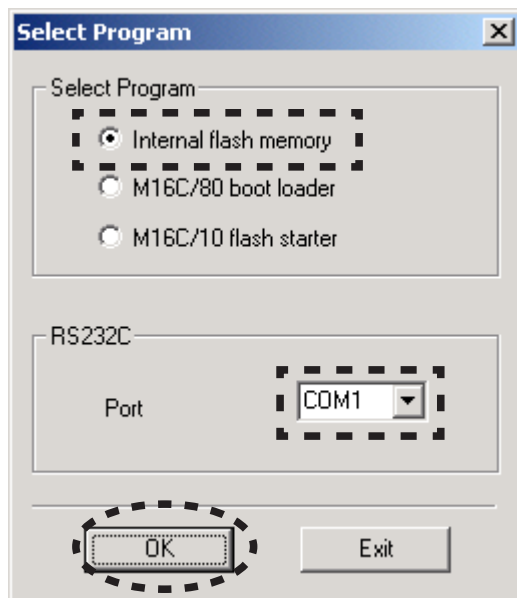
7. Double click the FlashSta.exe. And launch the M16C Flash Start.

7. FlashSta.exeをダブルクリックし、M16C Flash Startを起動します。



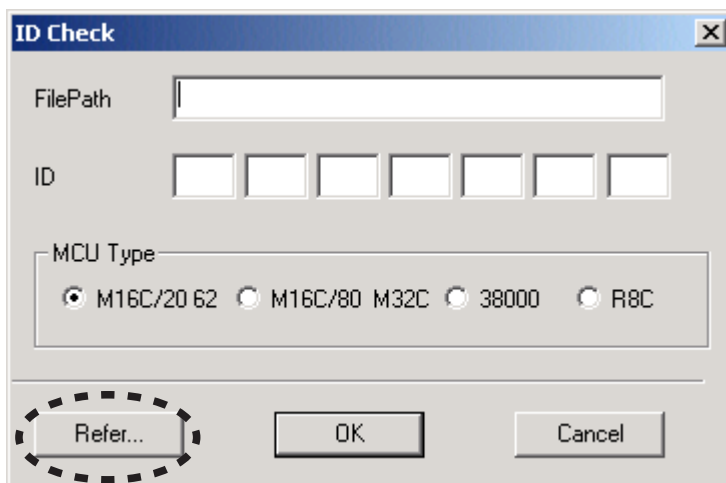
8. Check the **internal flash memory** in the Select Program.
Choose the **COM Port** number.
And the click **OK**.

8. Select Program内の**internal flash memory**にチェックを入れます。
使用する**COMポート番号**を選択します。
OKをクリックします。



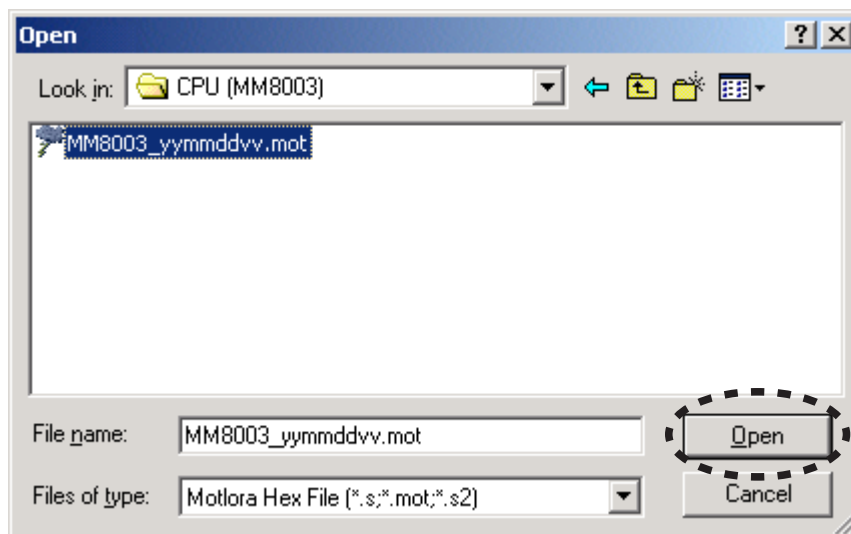
9. Click the **Refer...**

9. **Refer...**をクリックします。



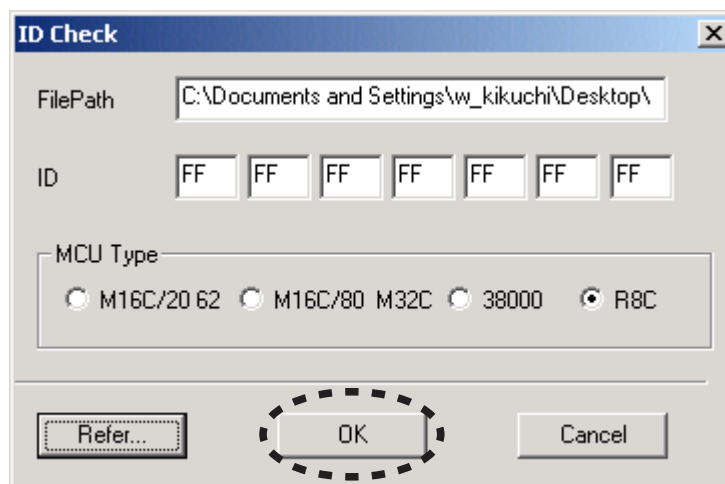
10. Choose the MM8003_yymmddvv.mot. And click **Open**.
NOTE : The yy is two digit of year. The mm is month. The dd is date. The vv is version.

10. MM8003_yymmddvv.motを選択し、**Open**をクリックします。
注意 : yyは年の下二桁、mmは月、ddは日、vvはリリースナンバー



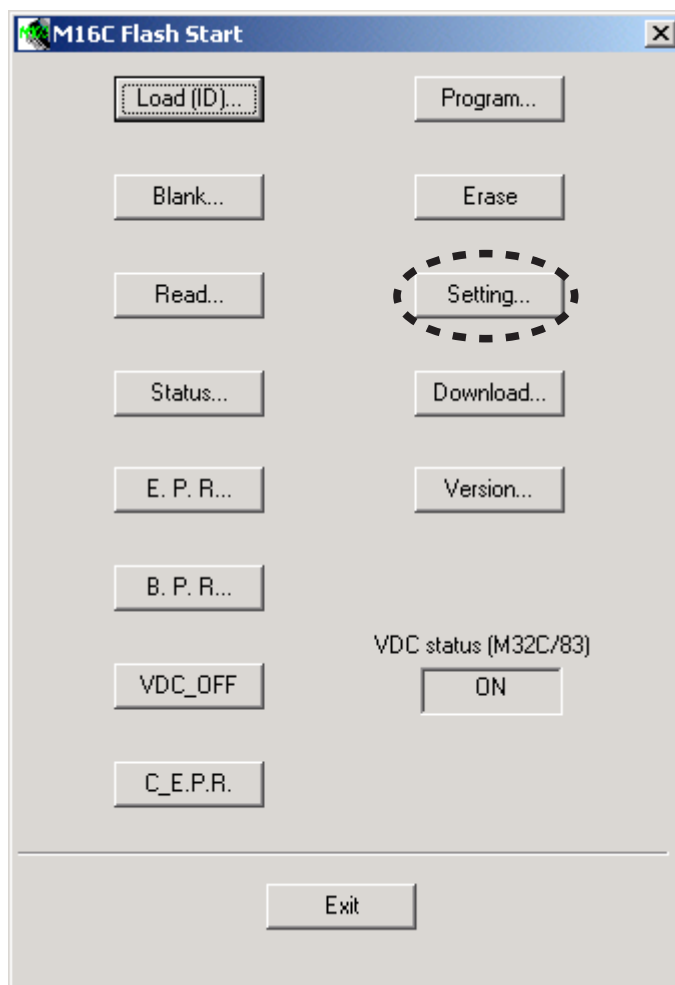
11. The FilePath and ID are inputted automatically, and the MCU Type is selected to R8C automatically. Click the **OK**.

11. 自動的にFilePathとIDは入力され、MCU Typeは自動的にR8Cが選択されます。
OKをクリックします。



12. Click the **Setting....**

12. **Setting...**をクリックします。



13. Choose the **57600** in the Baud rate. (DO NOT choose the other one.)

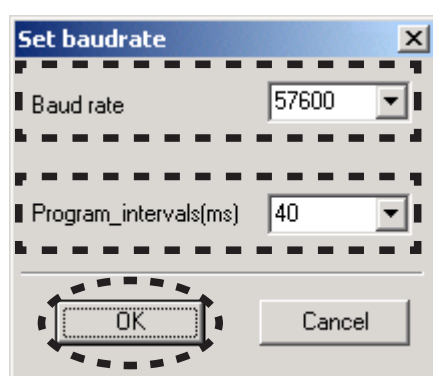
Choose the **40** in Program_intervals(ms).

Click the **OK**.

13. Baud rateを**57600**にします。(ほかの設定にしないでください。)

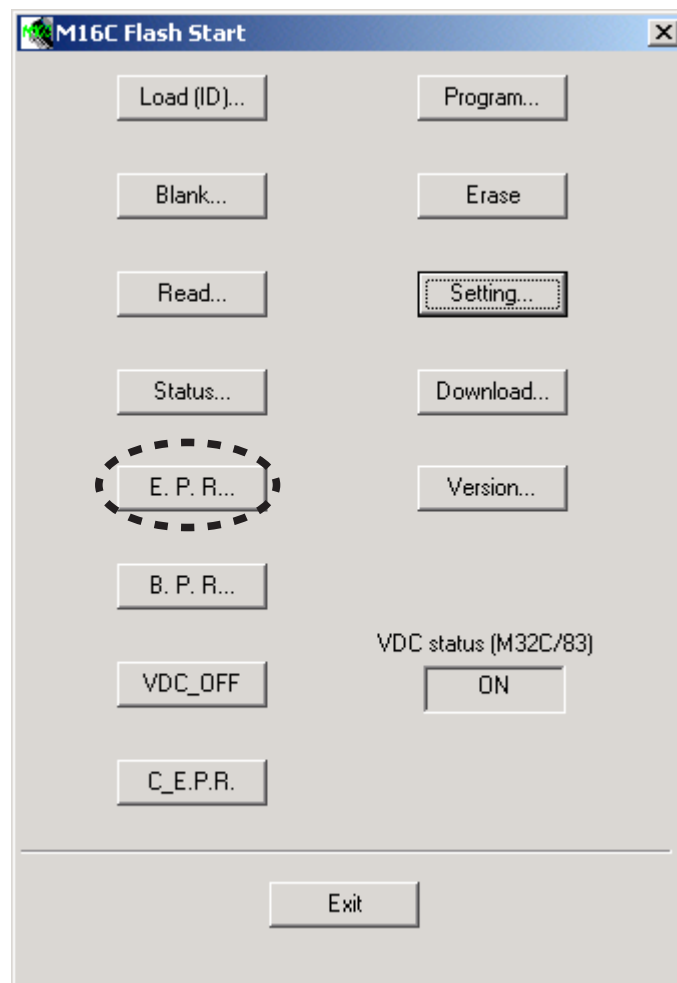
Program_intervals(ms)を**40**にします。

OKをクリックします。



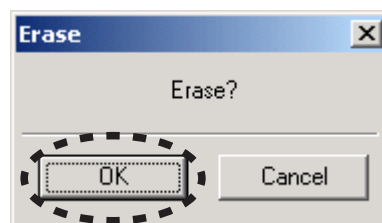
14. Click the **E.P.R...**

14. **E.P.R...**をクリックします。



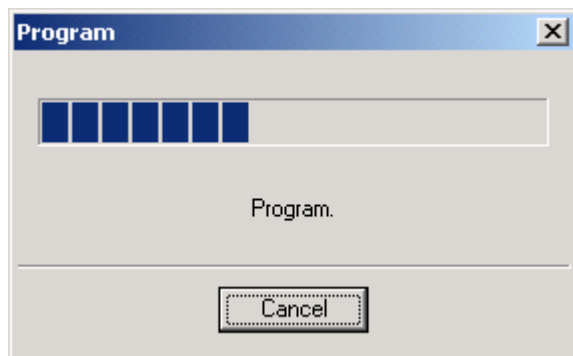
15. Click the **OK**.

15. **OK**をクリックします。



16. Software is written into the internal Flash-ROM of CPU.
The updating of software takes about 20 seconds.

16.ファームウェアがマイコンに書き込まれます。
書き込みにかかる時間は約20秒です。.



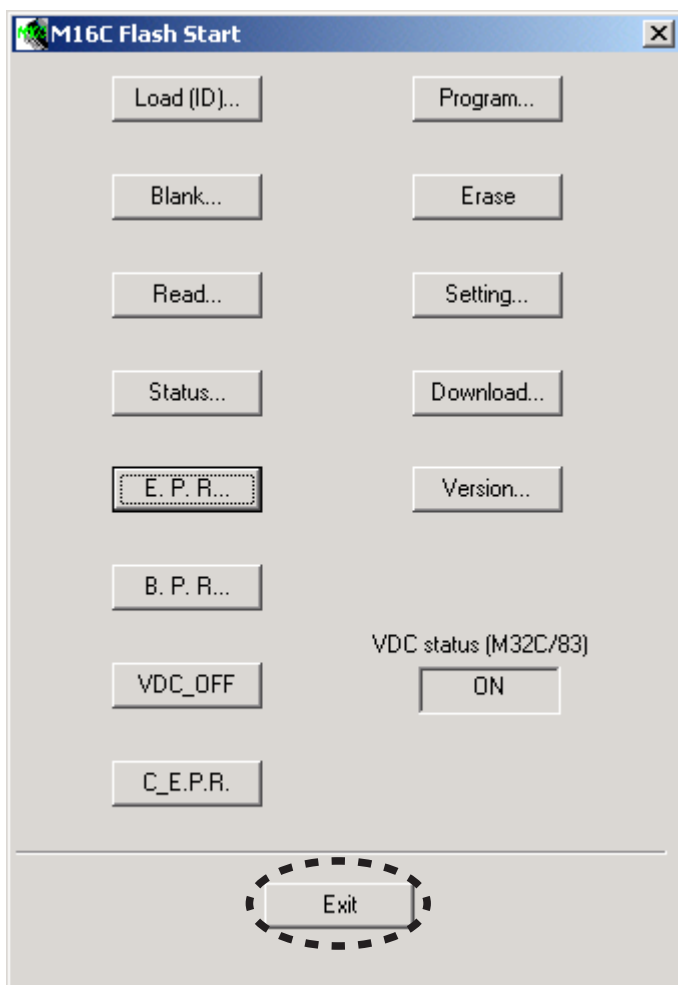
17. Click the **OK**.

17.**OK**をクリックします。



18. Click the **Exit**.

18.**Exit**をクリックします。



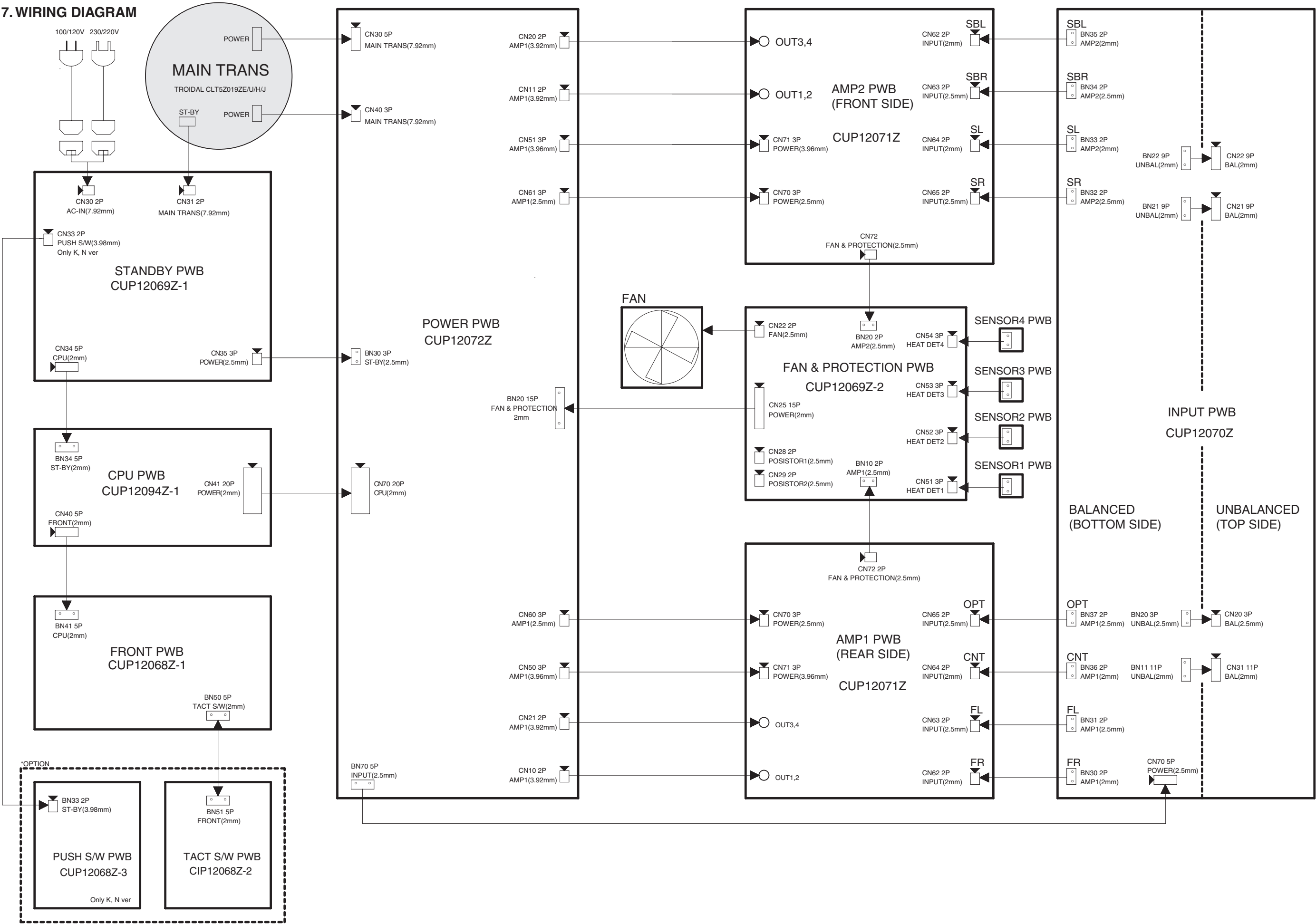
19. Disconnect the mains cord from the unit.

19.本機から電源ケーブルを抜きます。

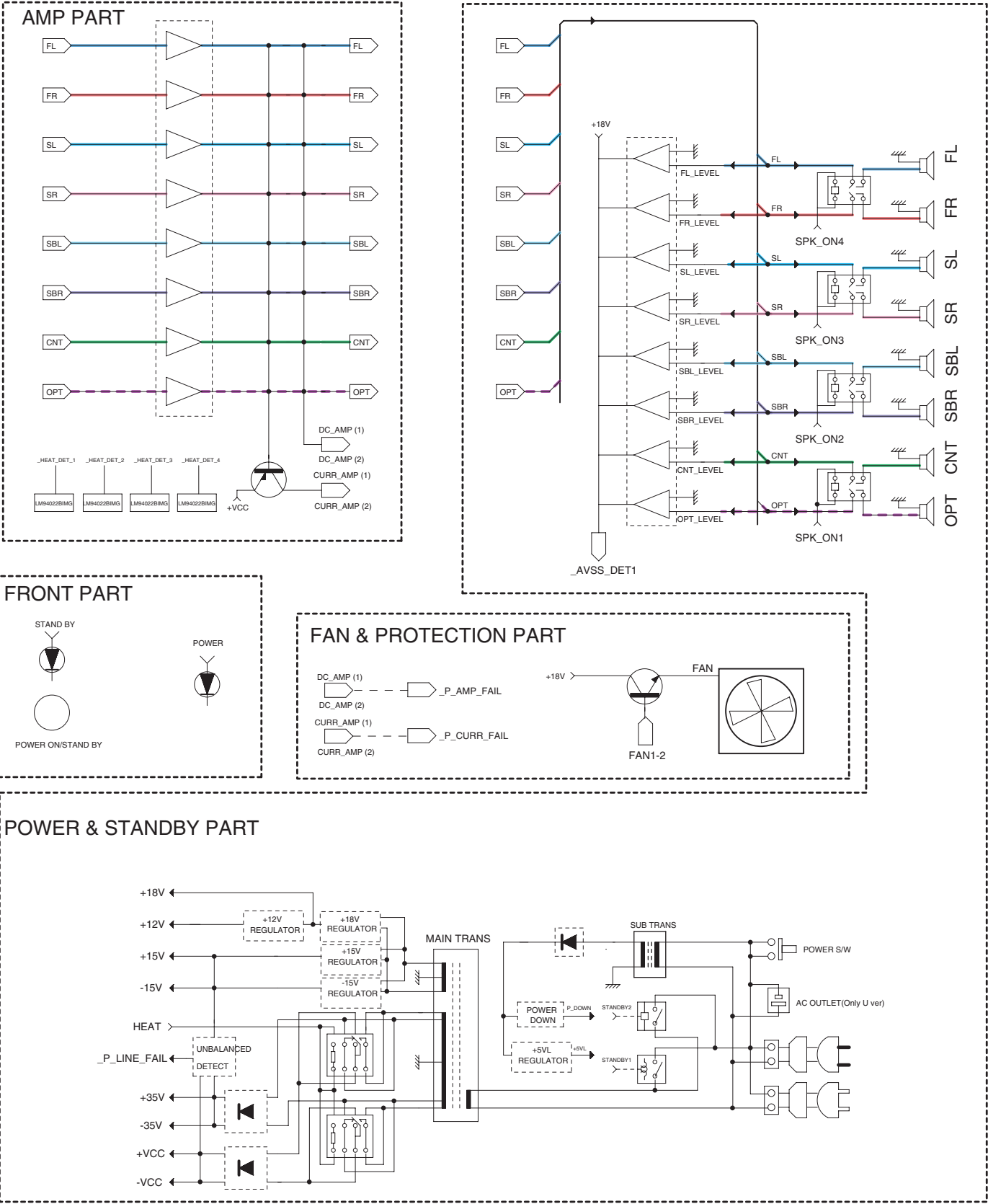
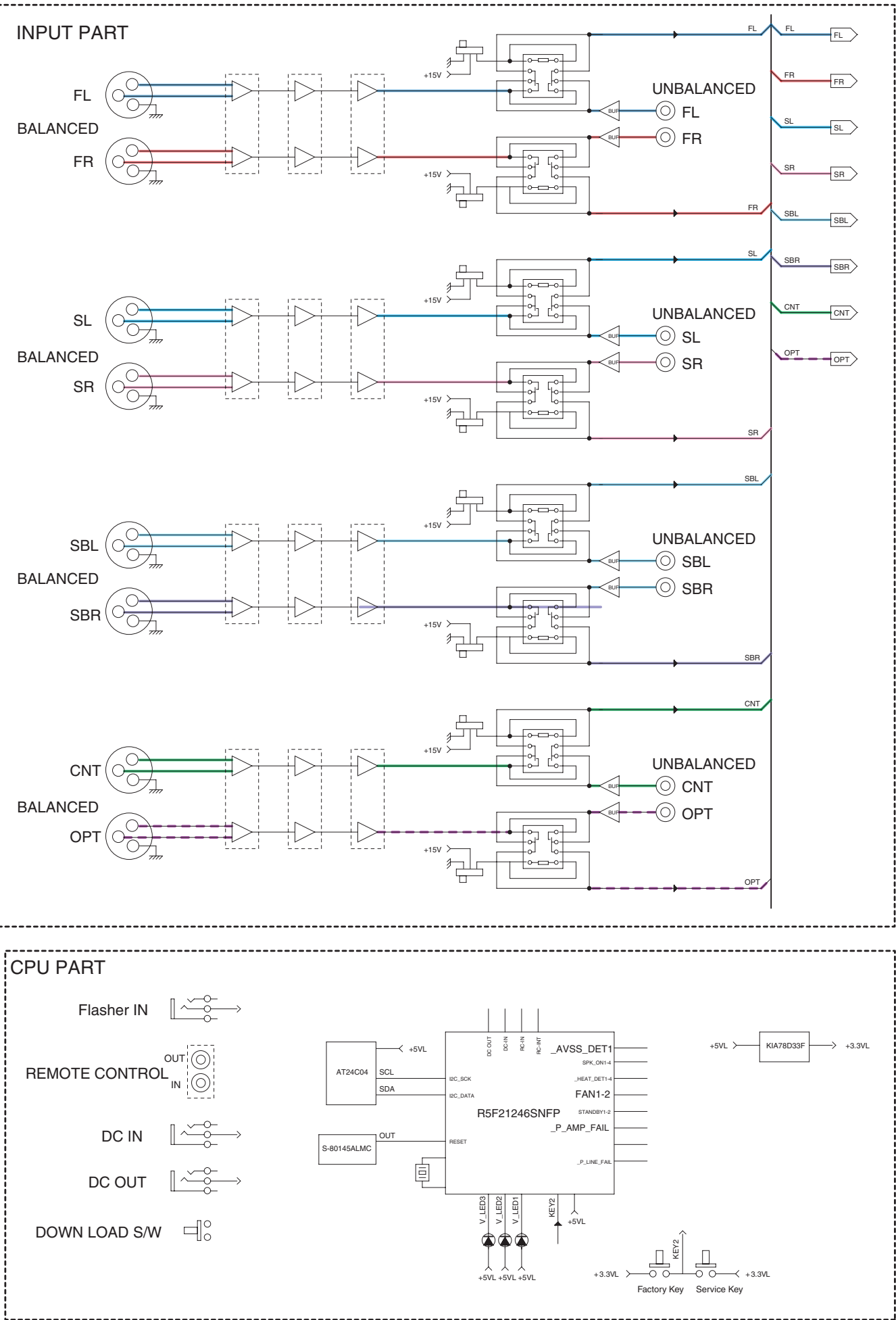
20. Disconnect the RS-232C cable from the unit.

20.本機からRS-232Cケーブルを抜きます。

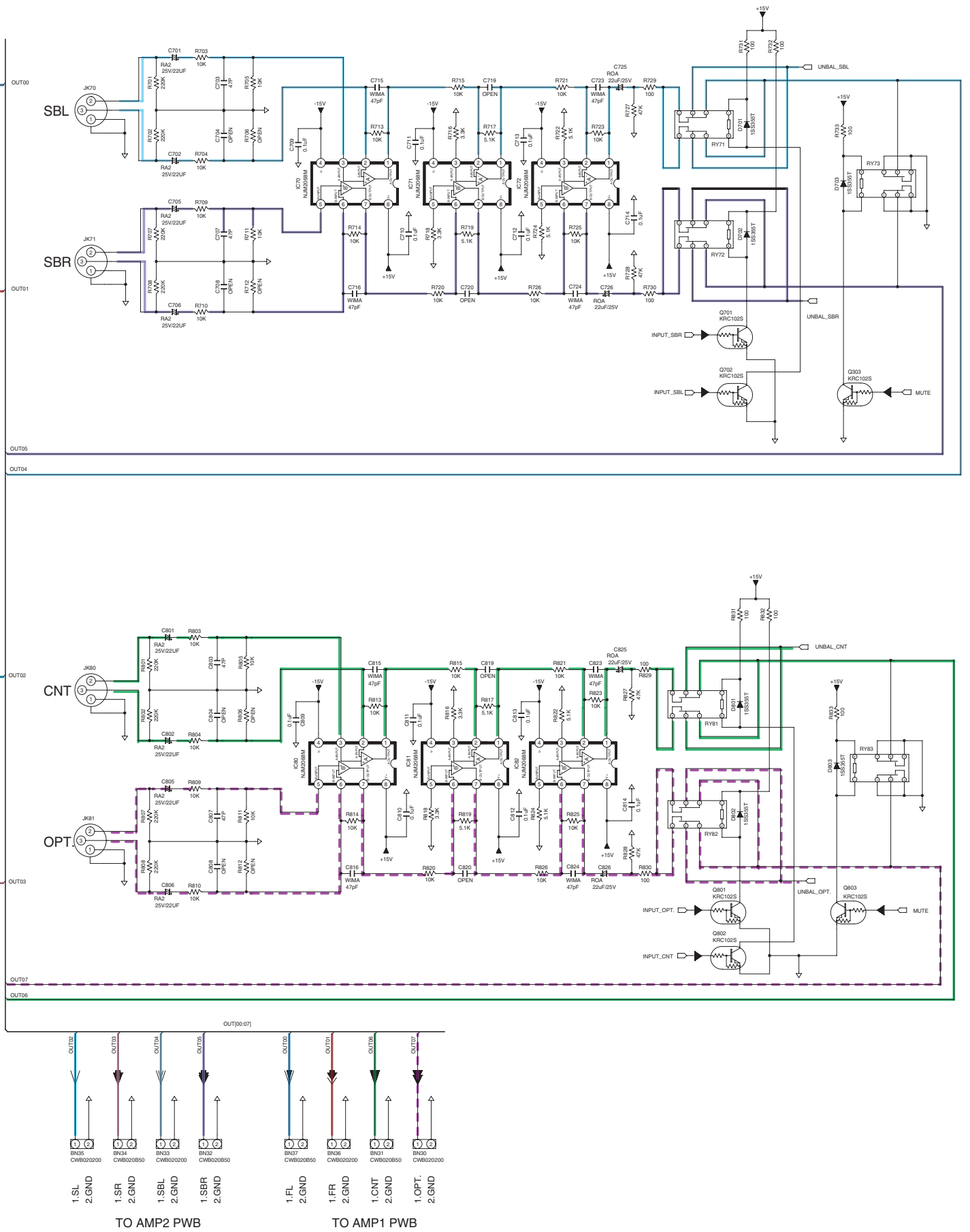
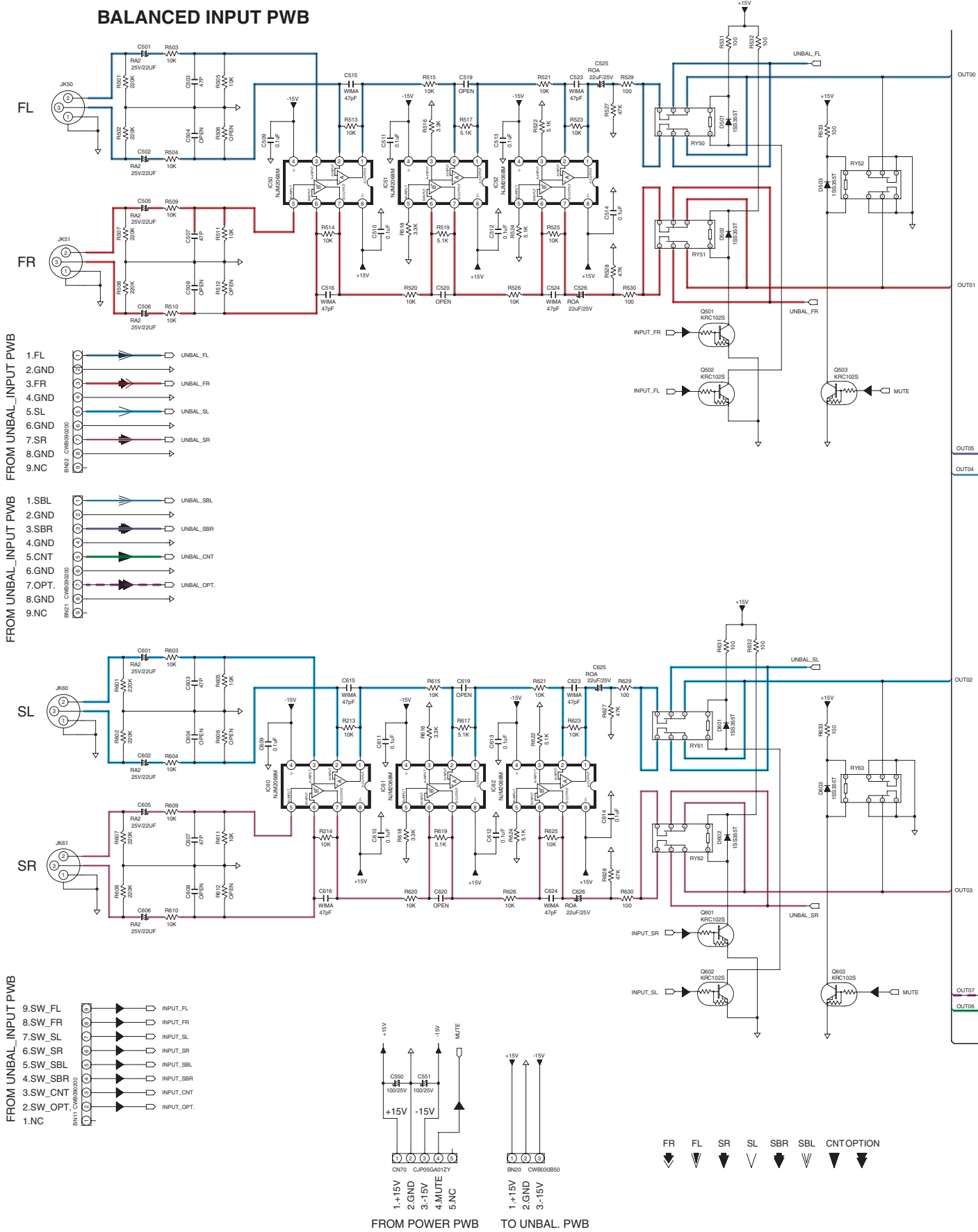
7. WIRING DIAGRAM



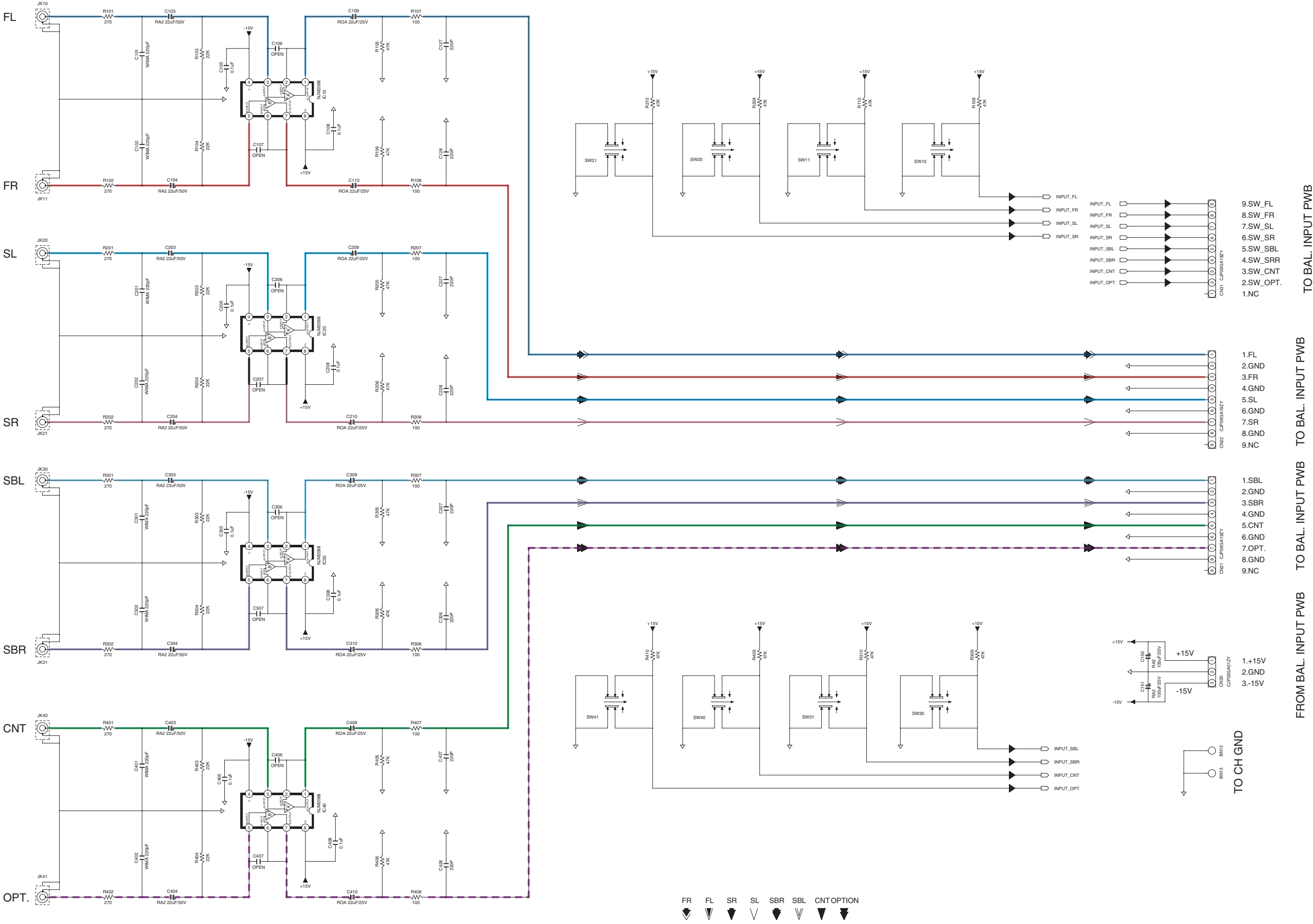
8. BLOCK DIAGRAM



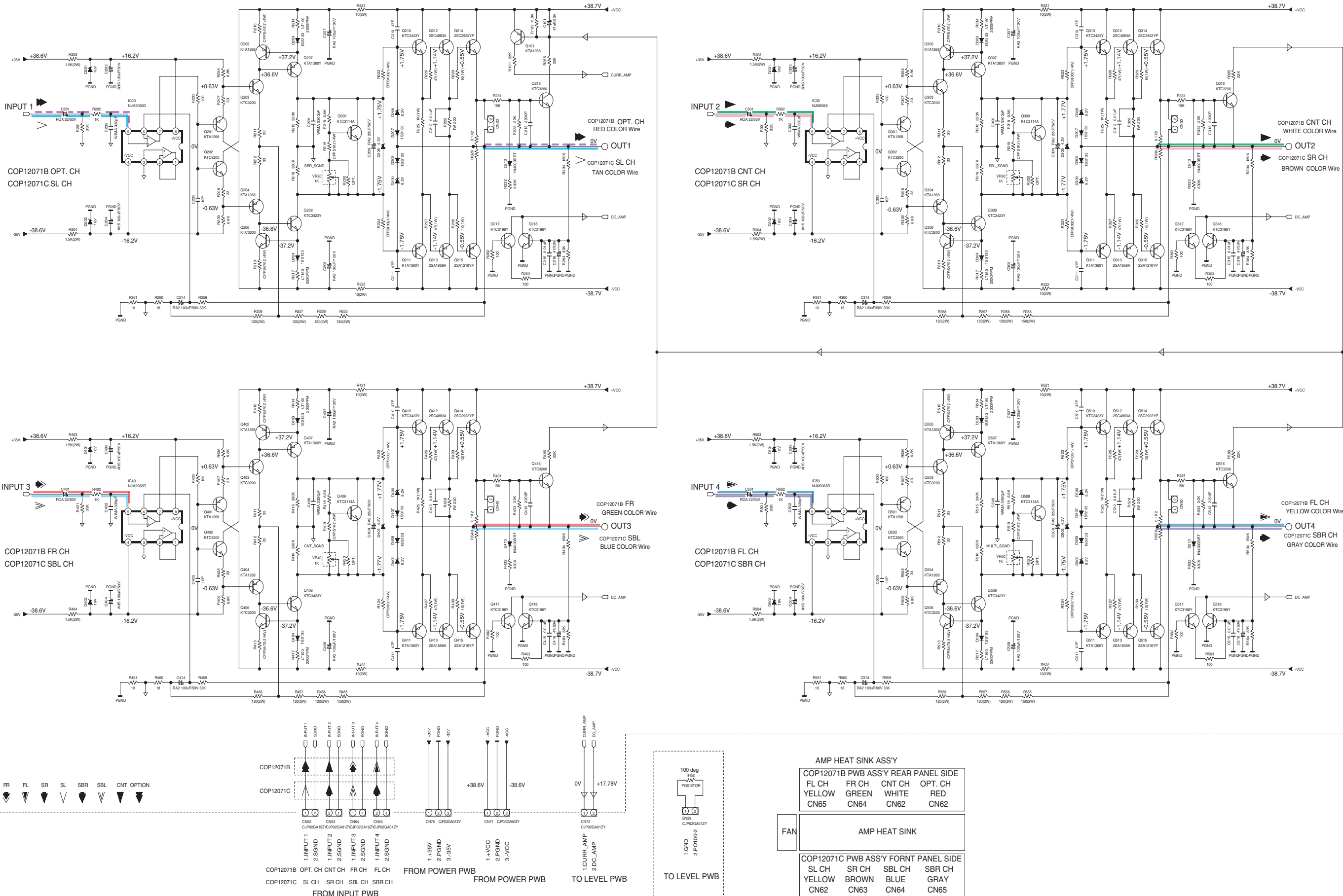
9. SCHEMATIC DIAGRAM



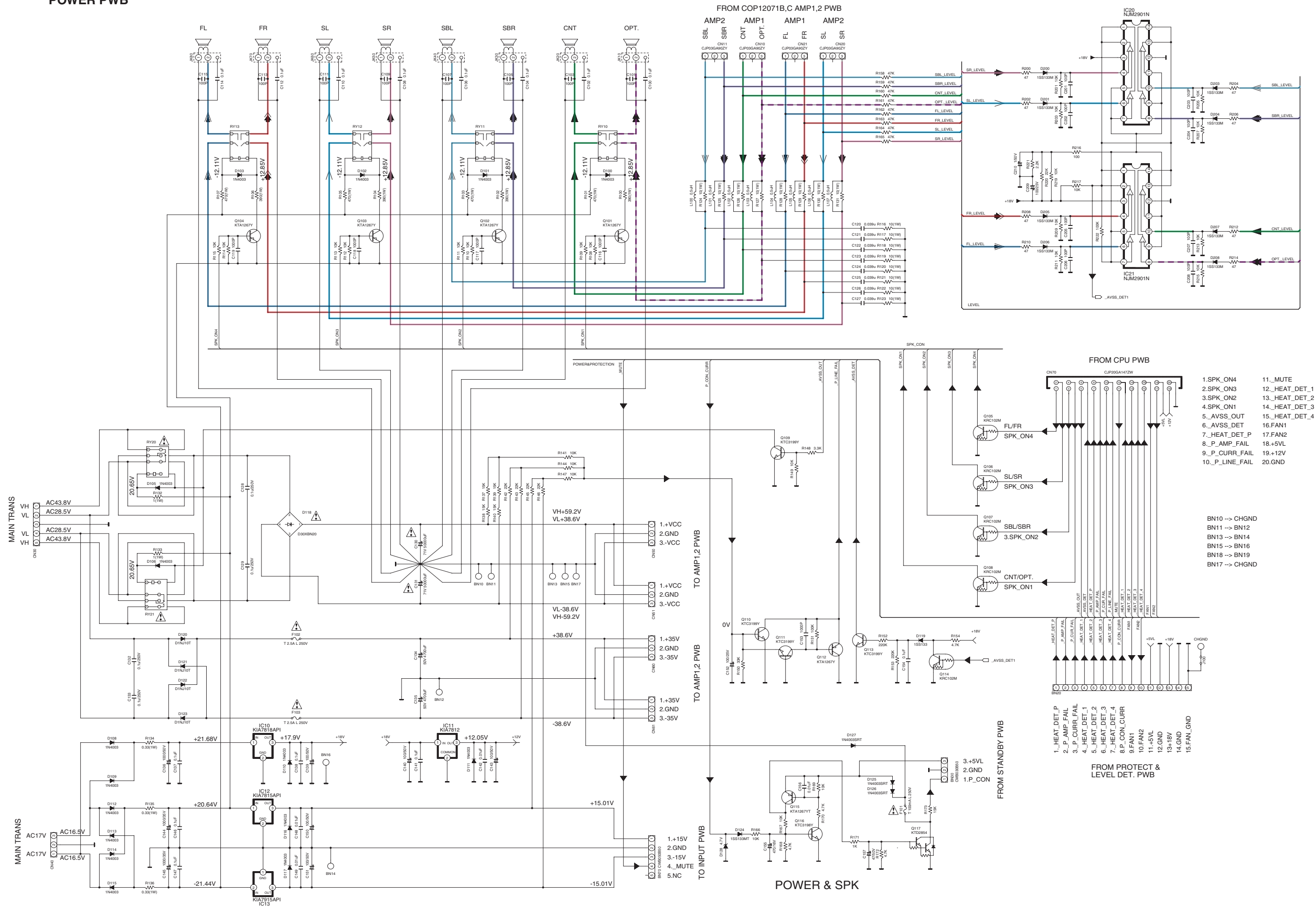
UNBALANCED INPUT PWB



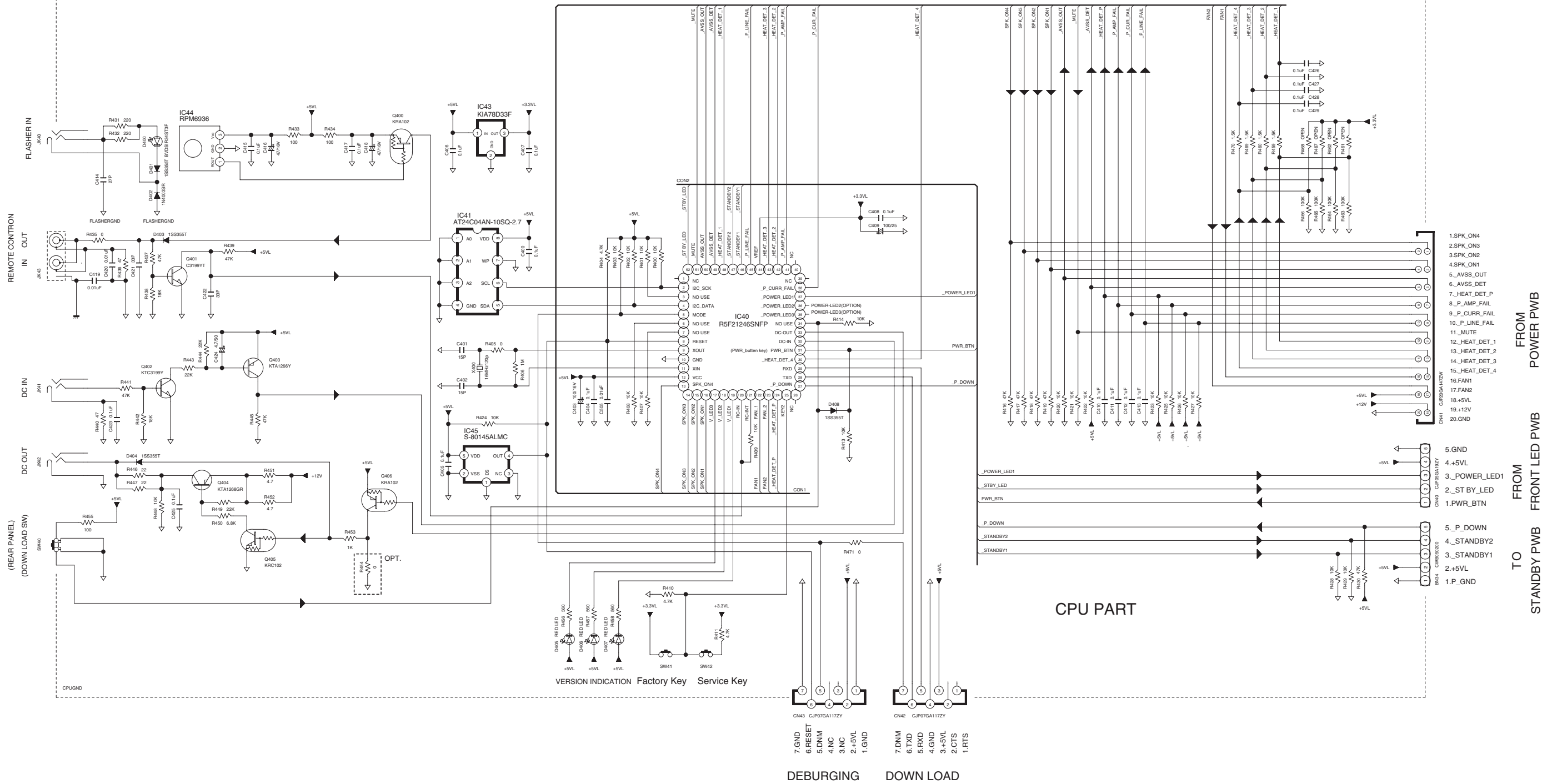
AMP PWB

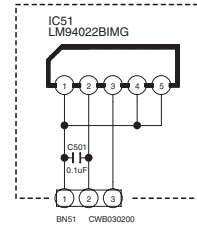
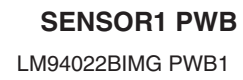
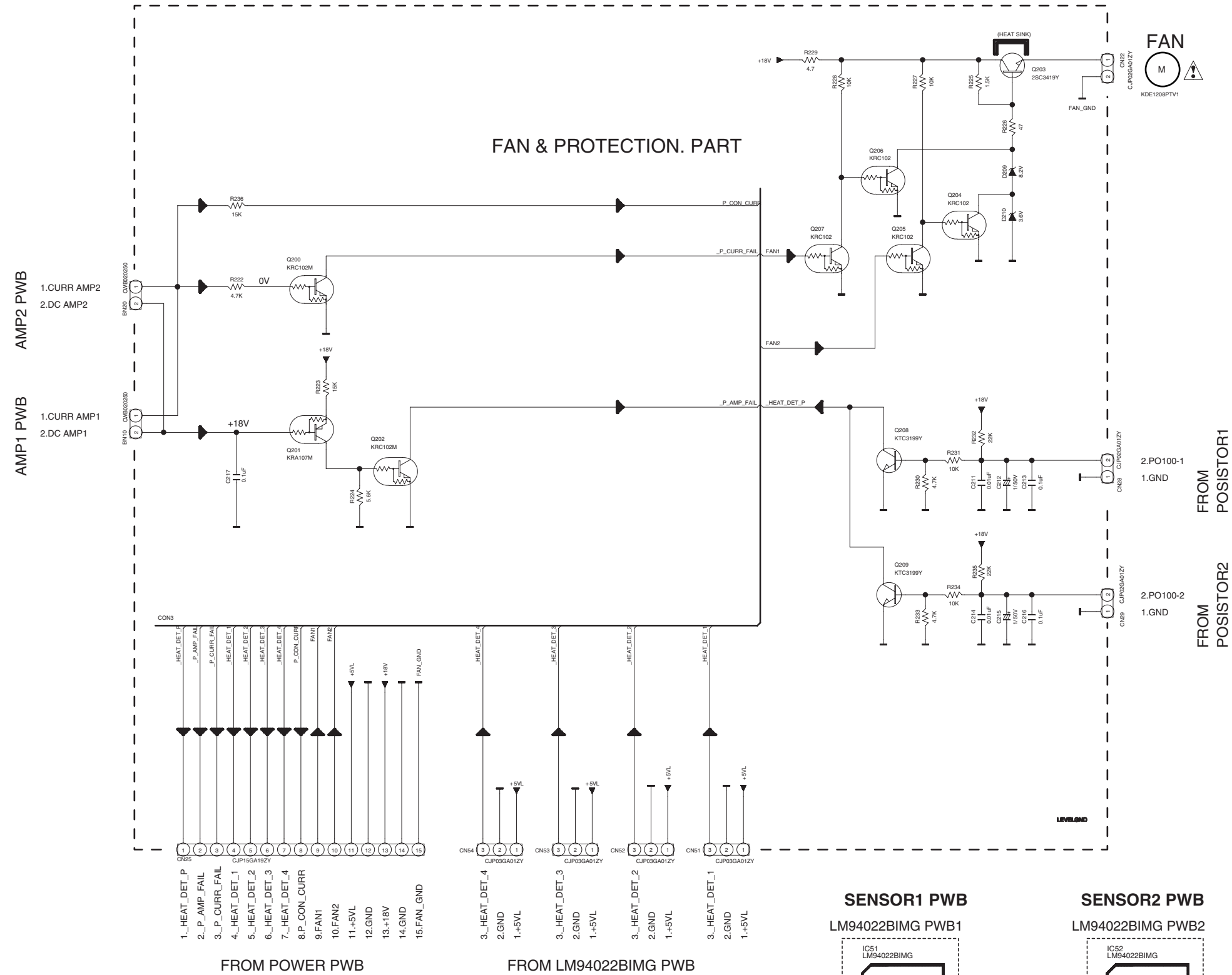


POWER PWB



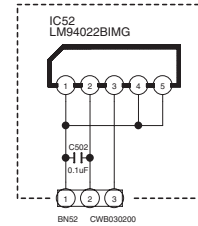
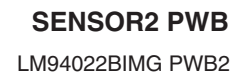
CPU PWB



FAN & PROTECTION PWB

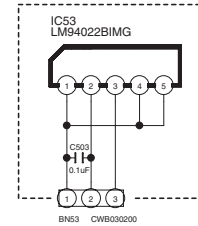
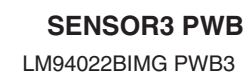
1.+5VL
2.GND
3._HEAT_DET_1

TO STANDBY PWB
FAN & PRO.PART



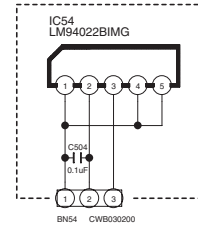
1.+5VL
2.GND
3._HEAT_DET_2

TO STANDBY PWB
FAN & PRO.PART



1.+5VL
2.GND
3._HEAT_DET_3

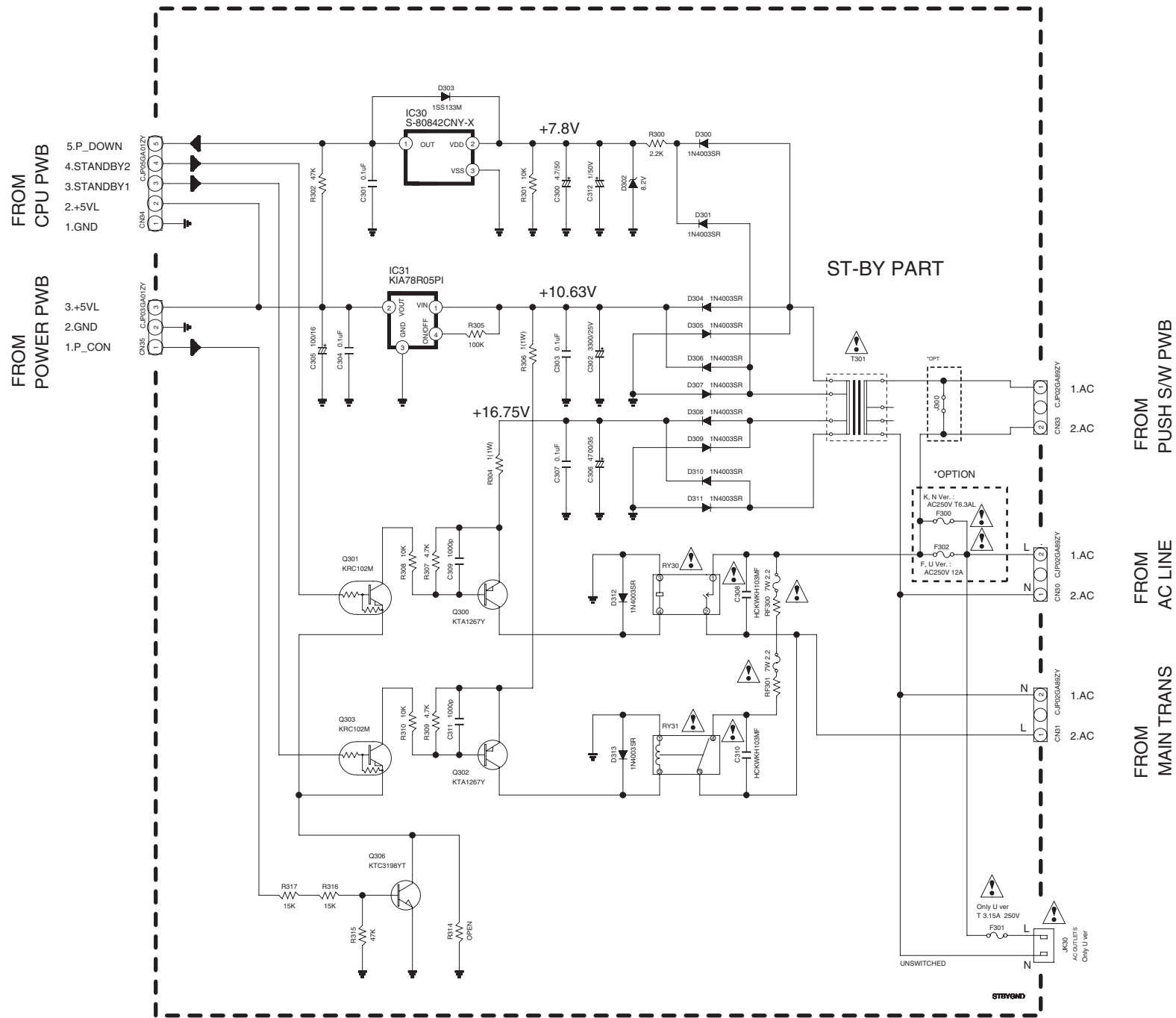
TO STANDBY PWB
FAN & PRO.PART

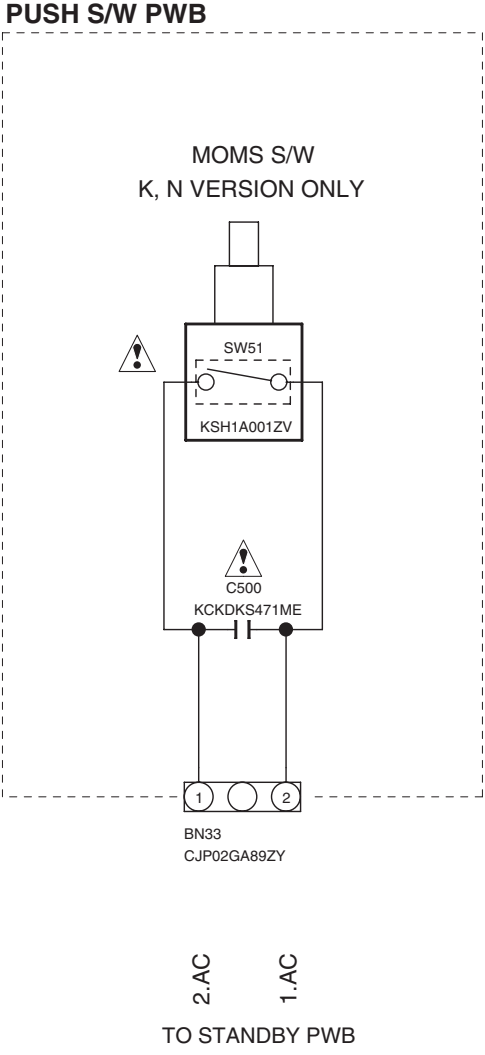
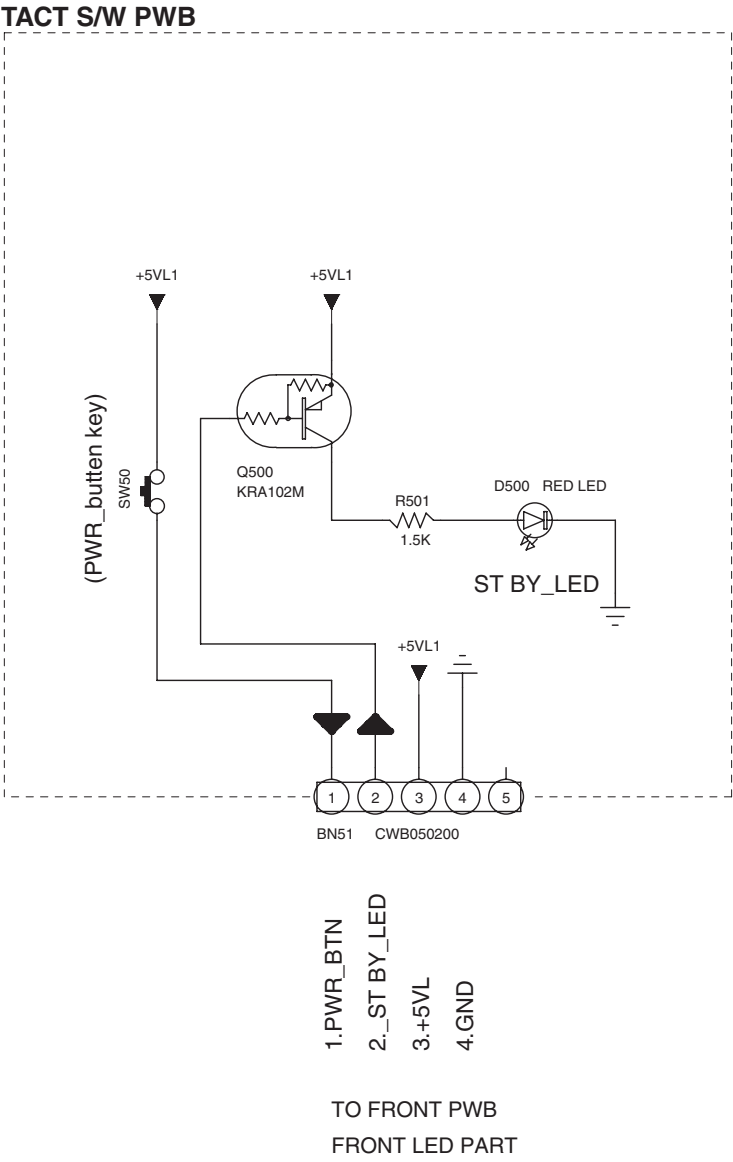
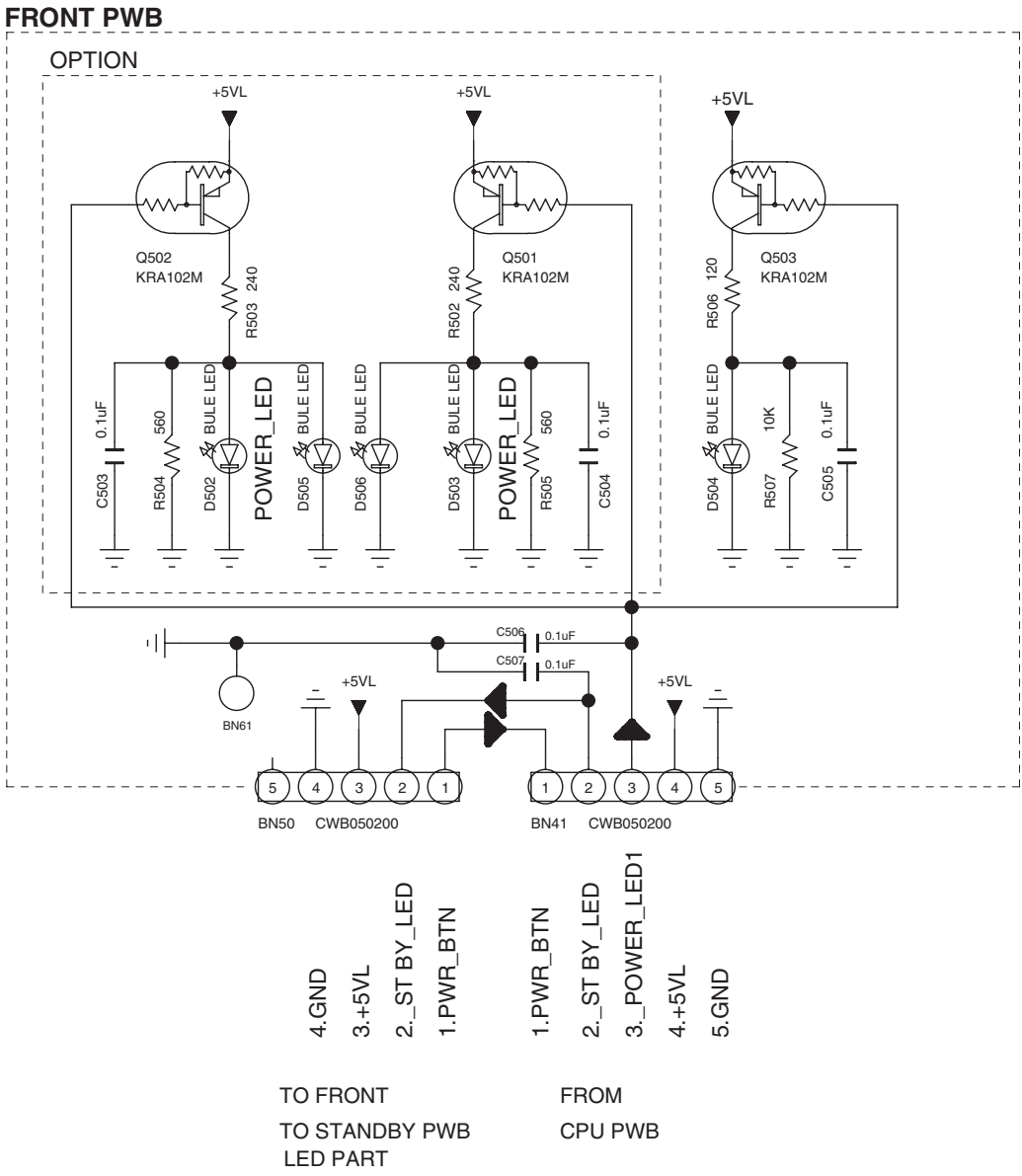


1.+5VL
2.GND
3._HEAT_DET_4_

TO STANDBY PWB
FAN & PRO.PART

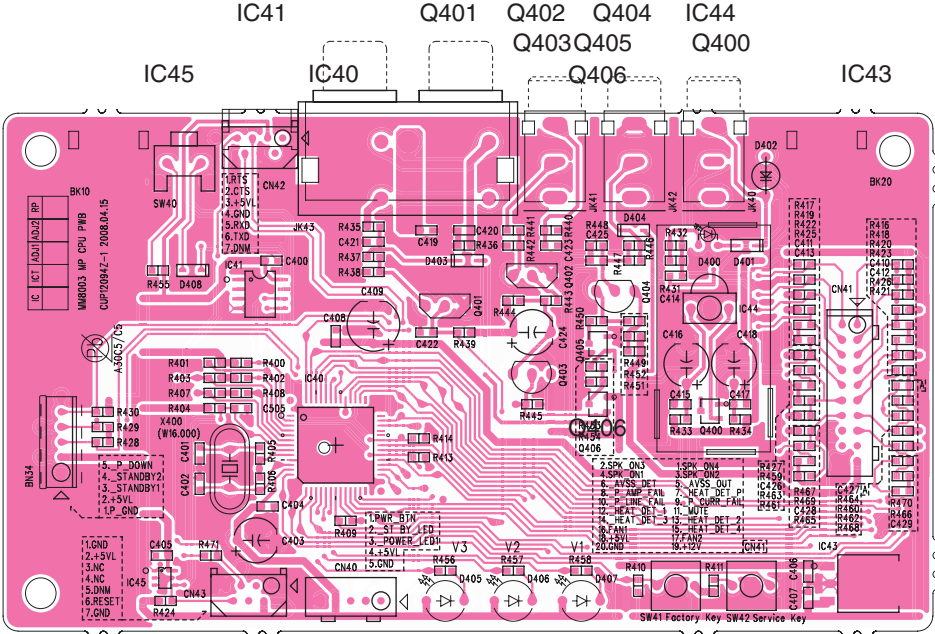
STANDBY PWB



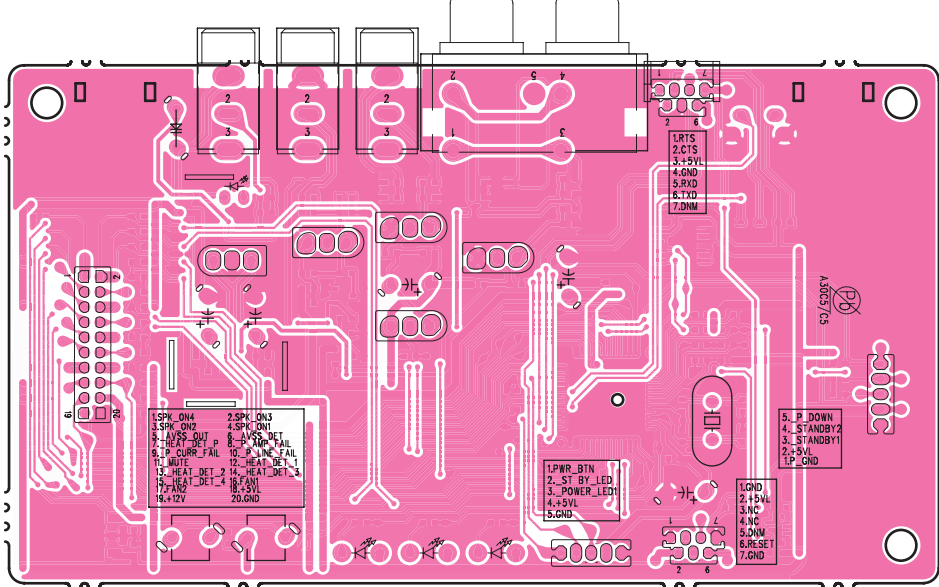


10. PARTS LOCATION

CPU A PWB



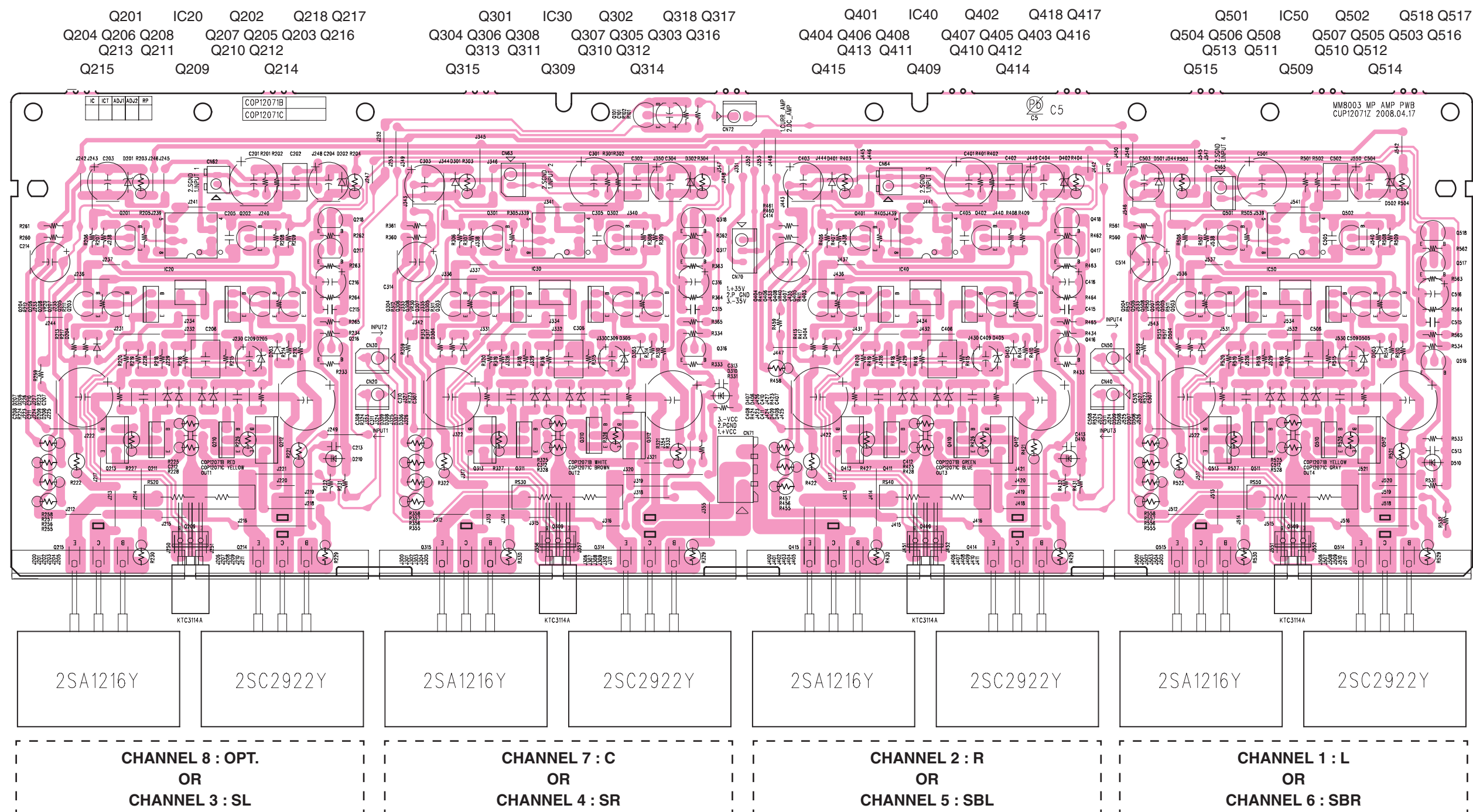
CPU B PWB



鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

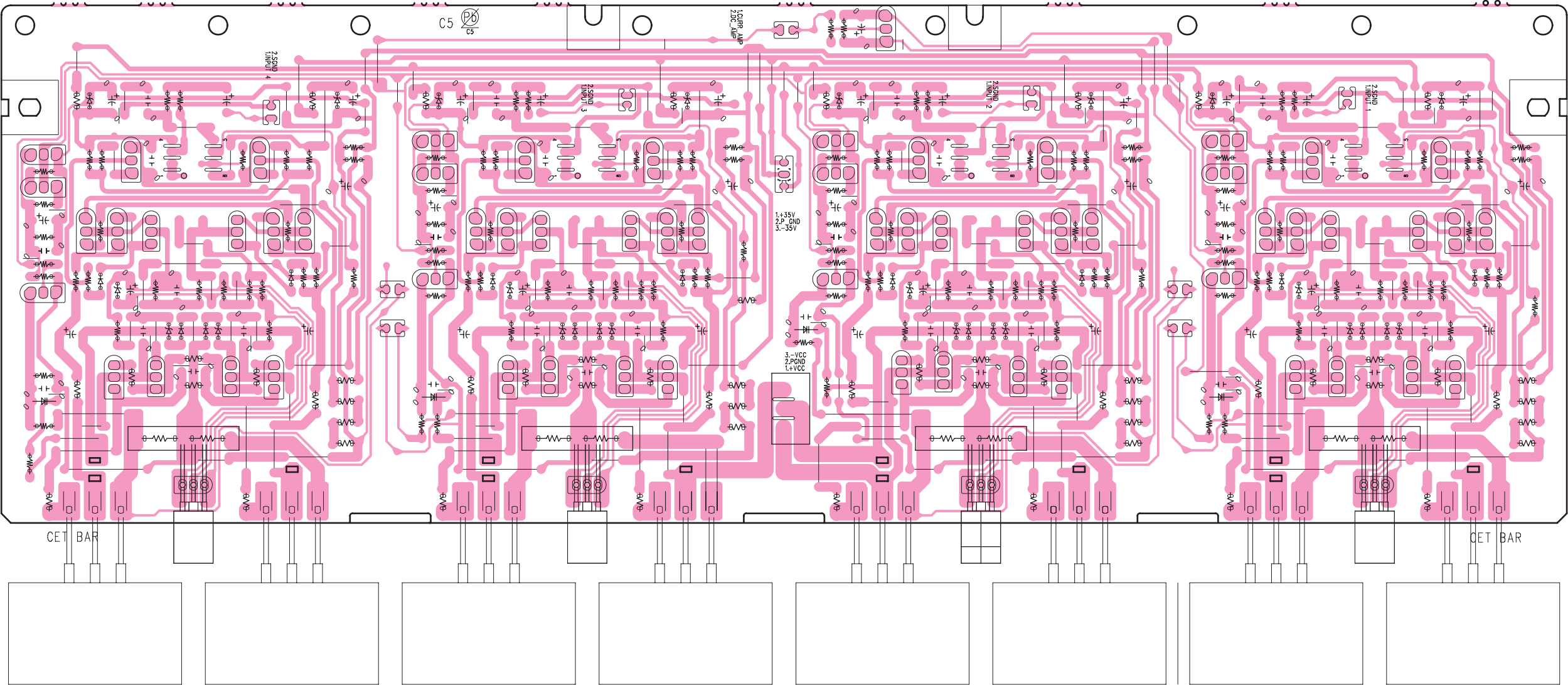
AMP A PWB



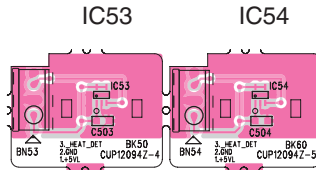
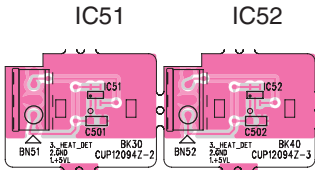
鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

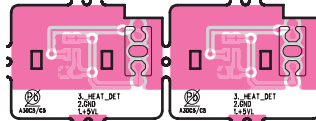
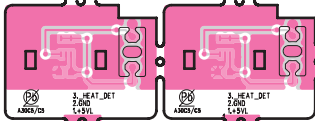
AMP B PWB



SENSOR1- 4 A PWB



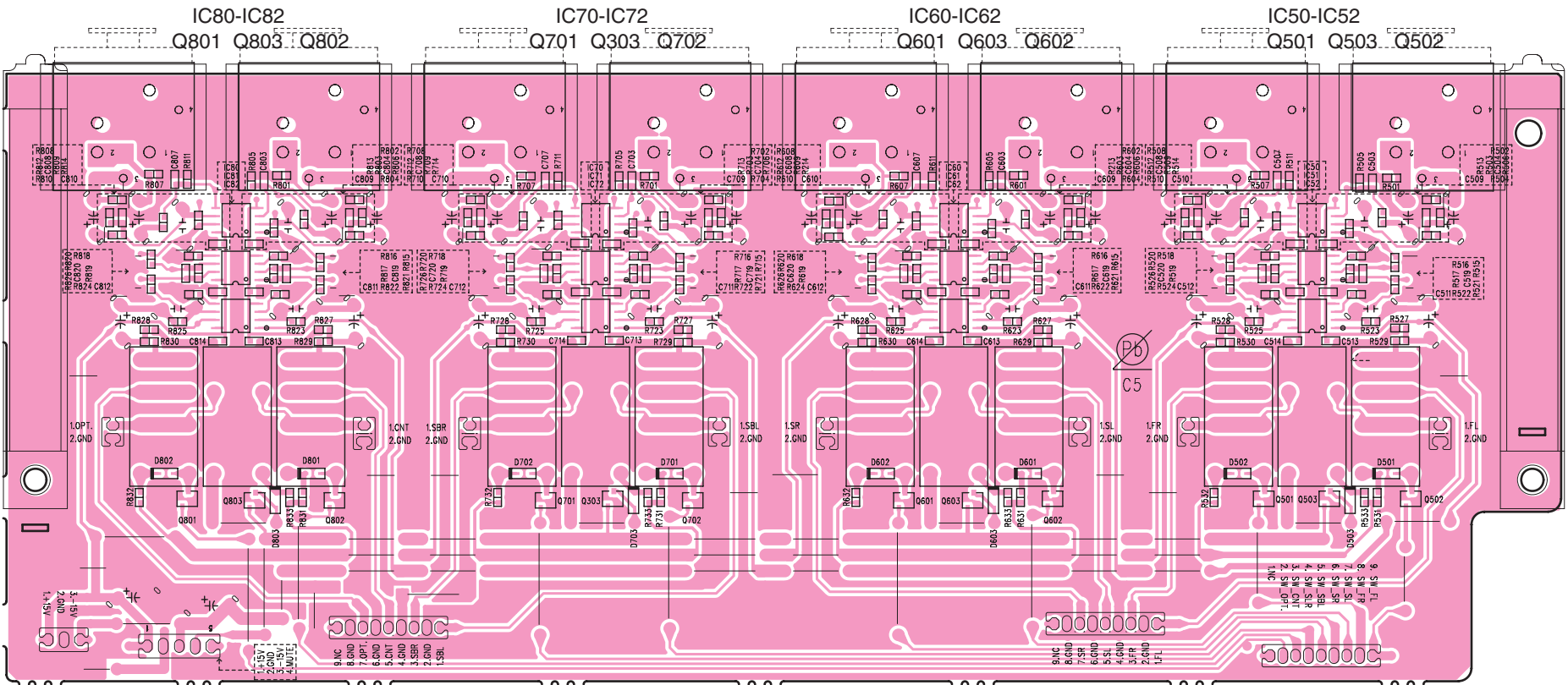
SENSOR1- 4 B PWB



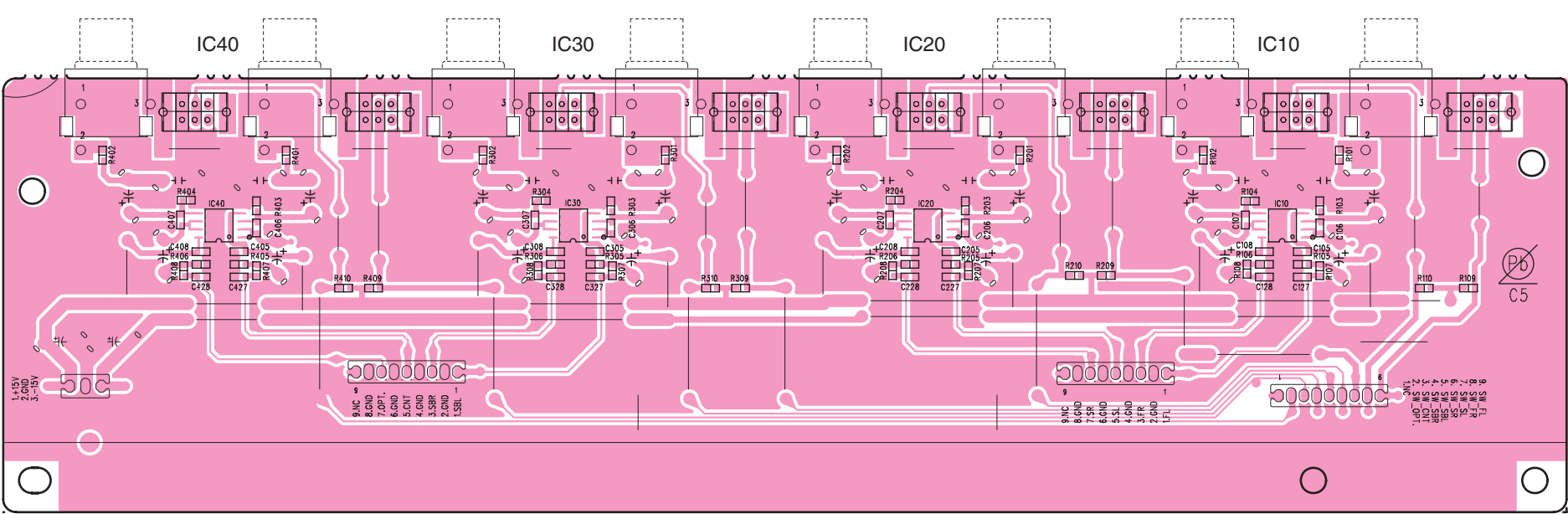
鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

[illegible]

BALANCED INPUT B PWB



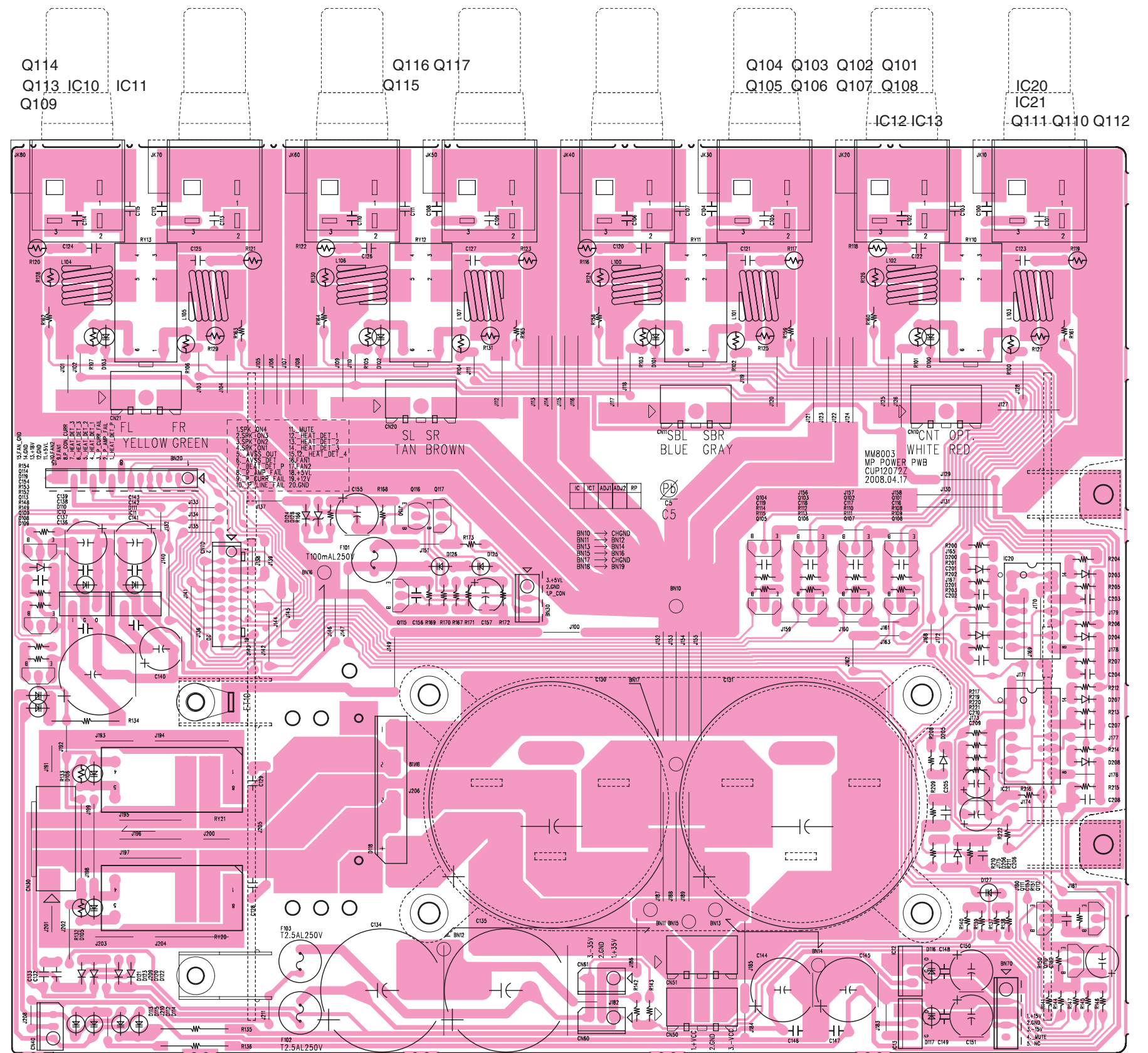
UNBALANCED INPUT B PWB



鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

POWER A PWB

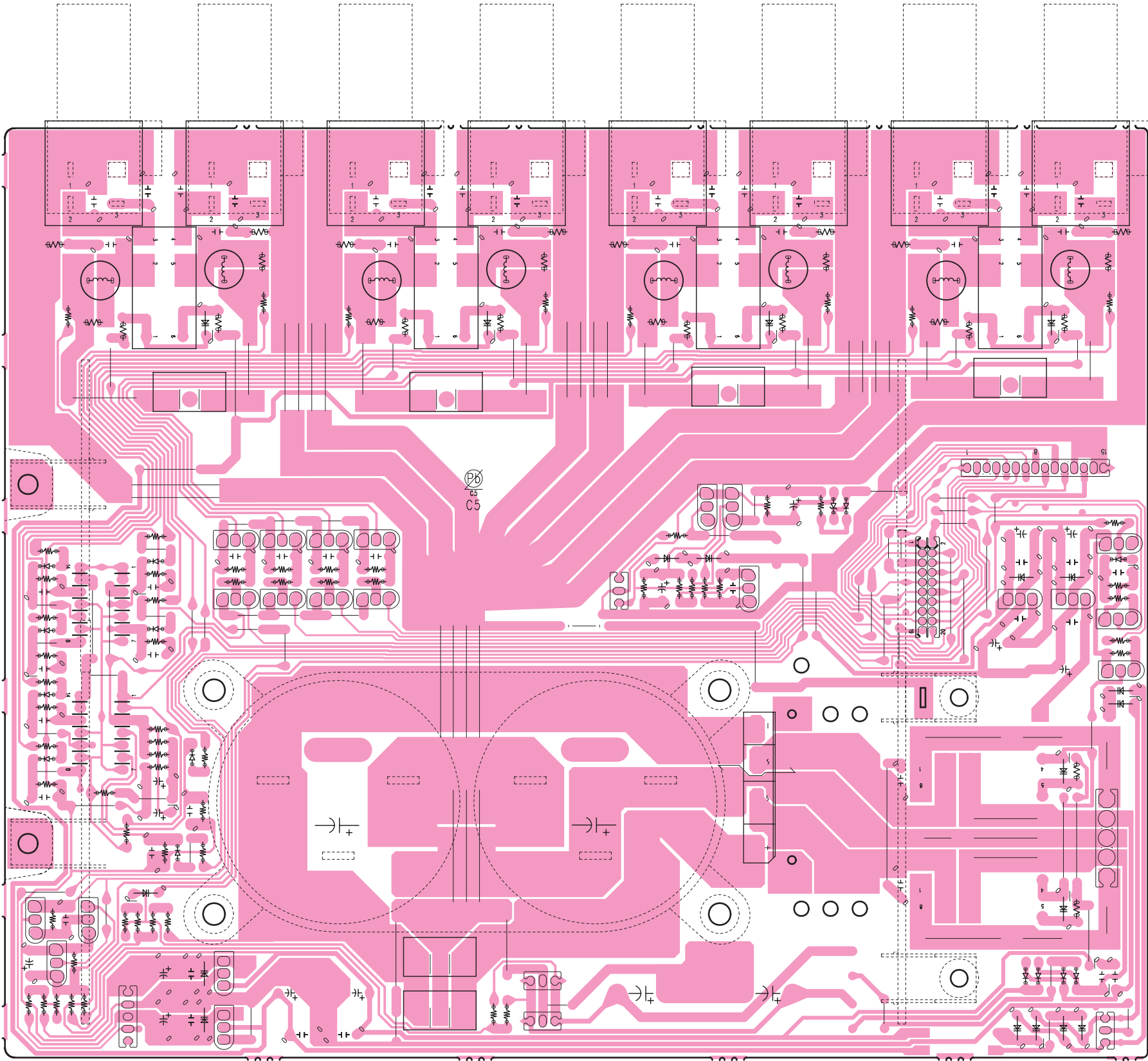


鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).



鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

Q302 Q300
Q303 Q301
IC31 IC30 Q306



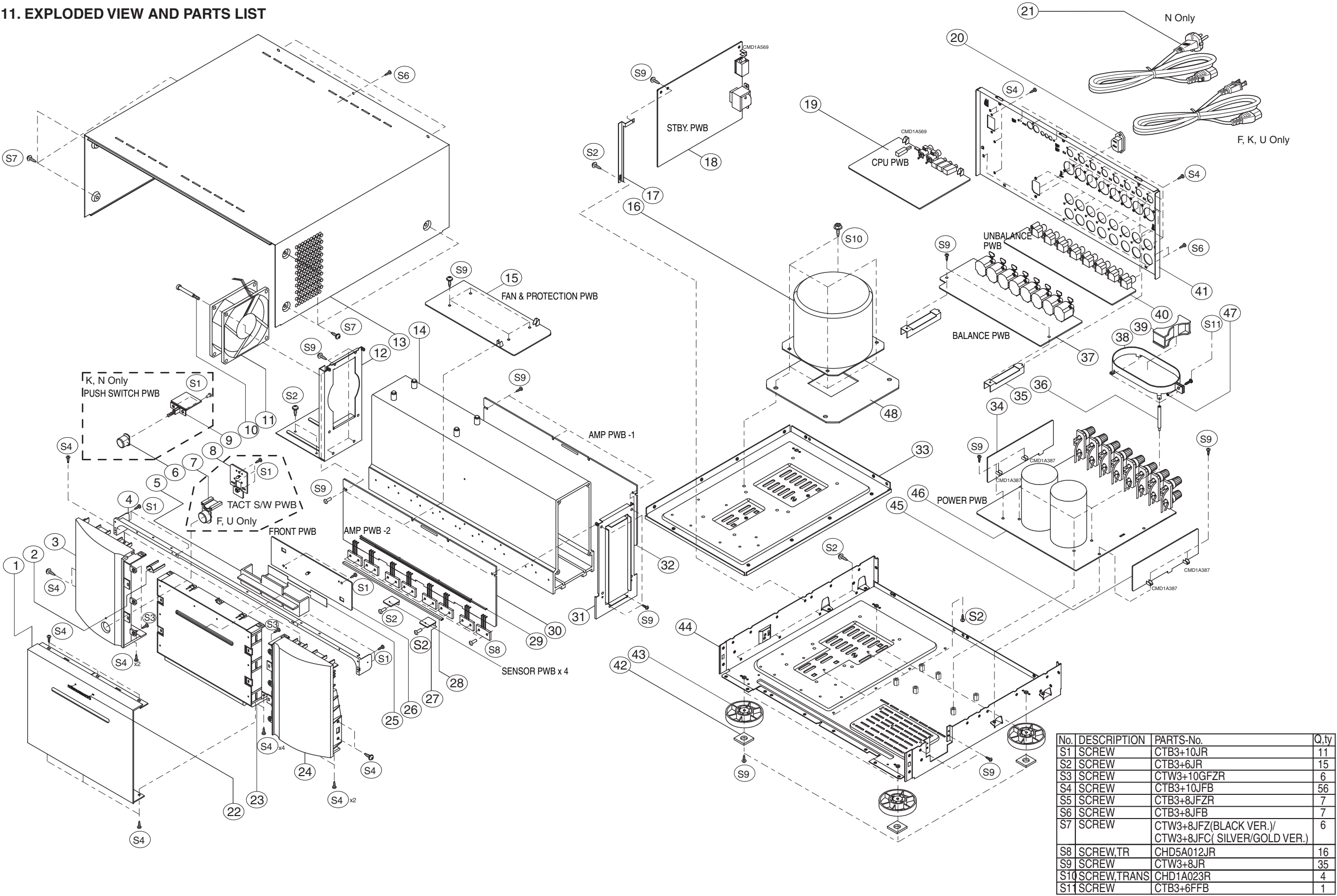
[illegible]

CUP12069Z-2 MP
FAN & PROTECTION
2008. 04. 21

1. HEAT_DET_F
2. P_AMP_FAIL
3. P_CURR_FAIL
4. HEAT_DET_1
5. HEAT_DET_2
6. HEAT_DET_3
7. HEAT_DET_4
8. P_CON_CURR
9. FAN1
10. FAN2
11. +5V
12. GND
13. +18V
14. GND
15. FAN_GND

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

11. EXPLODED VIEW AND PARTS LIST



P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	1		402410015014M	402410015014M	PANEL	FRONT AL PANEL BL CKM1A193ZC23
	2		00M10BW355010	00M10BW355010	LENS	INDICATOR POWER CGL1A231
	3	F B	nsp	422510009012M	PANEL	FRONT ESCUTCHION L (STANDBY/BL) CGW1A450RNYB37
	3	/K1B	nsp	422510010029M	PANEL	FRONT ESCUTCHION L (ON/OFF/BL) CGW1A450RNZB37
	3	/N1B	422510010029M	422510010029M	PANEL	FRONT ESCUTCHION L (ON/OFF/BL) CGW1A450RNZB37
	3	/U1B	nsp	422510009012M	PANEL	FRONT ESCUTCHION L (STANDBY/BL) CGW1A450RNYB37
	4		nsp	nsp	BRACKET	BRACKET BODY AV8003 CMD1A668
	5		423510005013M	423510005013M	INDICATOR	INDICATOR MM8003(CGL1A272) CGL1A272
	6	/K1B	411510016027M	411510016027M	BUTTON	BUTTON POWER PUSH BL CBC1A166
	6	/N1B	411510016027M	411510016027M	BUTTON	BUTTON POWER PUSH BL CBC1A166
	7	F B	nsp	411510015017M	BUTTON	BUTTON POWER TACT BL CBT1A1072
	7	/U1B	nsp	411510015017M	BUTTON	BUTTON POWER TACT BL CBT1A1072
	8	F B	nsp	nsp	PWB ASSY	MM8003/U TACT S/W PWB ASSY COP12068C
	8	/U1B	nsp	nsp	PWB ASSY	MM8003/U TACT S/W PWB ASSY COP12068C
	9	/K1B	nsp	nsp	PWB ASSY	MM8003/N PUSH S/W PWB ASSY COP12068B
	9	/N1B	nsp	nsp	PWB ASSY	MM8003/N PUSH S/W PWB ASSY COP12068B
	10	F B	nsp	nsp	SCREW	SCREW SPECIAL CHD1A036R
	10	/K1B	nsp	nsp	SCREW	SCREW SPECIAL CHD1A036R
	10	/N1B	nsp	nsp	SCREW	SCREW SPECIAL CHD1A036
	10	/U1B	nsp	nsp	SCREW	SCREW SPECIAL CHD1A036
	11		943685000670S	943685000670S	MOTOR	DC BRUSHLESS FAN KDE1208PTV1 CFNKDE1208PTV1
	12		nsp	nsp	BRACKET	BRACKET HEAT SINKMM8003 CMD1A666
	14		nsp	nsp	HEATSINK	HEAT SINK MAIN MM8003 CMY1A299
	15	F B	nsp	nsp	PWB ASSY	MM8003/F FAN&PROTECT PWB ASSY COP12069E
	15	/K1B	nsp	nsp	PWB ASSY	MM8003/K FAN&PROTECT PWB ASSY COP12069D
	15	/N1B	nsp	nsp	PWB ASSY	MM8003/N FAN&PROTECT PWB ASSY COP12069B
	15	/U1B	nsp	nsp	PWB ASSY	MM8003/U FAN&PROTECT PWB ASSY COP12069C
	⚠	16	F B	nsp	943101001750M	TRANSF. # TRANS MAIN POWER MM8003/F CLT5Z019ZJ
	⚠	16	/K1B	nsp	943101001760M	TRANSF. # TRANS MAIN POWER MM8003/K CLT5Z019ZH
	⚠	16	/N1B	943101000900M	943101000900M	TRANSF. # TRANS MAIN POWER MM8003/N CLT5Z019ZE
	⚠	16	/U1B	nsp	943101000910M	TRANSF. # TRANS MAIN POWER MM8003/U CLT5Z019ZU
	17		nsp	nsp	BRACKET	BRACKET DMP PWB AV8003 CMD1A669
	18	F B	nsp	nsp	PWB ASSY	MM8003/F STBY PWB ASSY COP12069E
	18	/K1B	nsp	nsp	PWB ASSY	MM8003/K STBY PWB ASSY COP12069D
	18	/N1B	nsp	nsp	PWB ASSY	MM8003/N STBY PWB ASSY COP12069B
	18	/U1B	nsp	nsp	PWB ASSY	MM8003/U STBY PWB ASSY COP12069C
	19		nsp	nsp	PWB ASSY	MM8003 CPU PWB ASSY COP12094B
	⚠	20		00MYJ04002640	00MYJ04002640	INLET ! R-301(21) AC INLET CJB8A006ZW
	22		421410006004M	421410006004M	BADGE	MARANTZ BADGE (AL) M1 MODEL CGB1A206
	23		402510016016M	402510016016M	PANEL	CENTER MOLD PANLE BL CGW1A452
	24		422510011039M	422510011039M	PANEL	FRONT ESCUTCHION R BL CGW1A451RNB37
	25		nsp	nsp	SHEET	SHEET LED CGX1A412Z
	26	F B	nsp	nsp	PWB ASSY	MM8003/U FRONT PWB ASSY COP12068C
	26	/K1B	nsp	nsp	PWB ASSY	MM8003/N FRONT PWB ASSY COP12068B
	26	/N1B	nsp	nsp	PWB ASSY	MM8003/N FRONT PWB ASSY COP12068B
	26	/U1B	nsp	nsp	PWB ASSY	MM8003/U FRONT PWB ASSY COP12068C
	28		nsp	nsp	INSULATOR	INSULATOR BUSH MM8003 CMX1A235
	29		nsp	nsp	BRACKET	BRACKET CONTACTOR MM8003 CMD1A662
	30		nsp	nsp	PWB ASSY	MM8003 AMP1 PWB ASSY COP12071B
	31		nsp	nsp	BRACKET	BRACKET FAN CMD1A667Z
	32		nsp	nsp	PWB ASSY	MM8003 AMP2 PWB ASSY COP12071C
	33		nsp	nsp	BRACKET	BRACKET TRANS AV8003 CMD1A671
	34	F B	nsp	nsp	PWB ASSY	MM8003/F SUPPORT1 PWB ASSY COP12069E
	34	/K1B	nsp	nsp	PWB ASSY	MM8003/K SUPPORT1 PWB ASSY COP12069D
	34	/N1B	nsp	nsp	PWB ASSY	MM8003/N SUPPORT1 PWB ASSY COP12069B
	34	/U1B	nsp	nsp	PWB ASSY	MM8003/U SUPPORT1 PWB ASSY COP12069C
	35		nsp	nsp	BRACKET	BRACKET MULTI AV8003 CMD1A665
	36		nsp	nsp	SHAFT	SHAFT RETAINER CDF1A024
	37		nsp	nsp	PWB ASSY	BALANCE INPUT PWB ASSY COP12070B
	38		nsp	nsp	BRACKET	BRACKET CONDENSER MM8003 CMD1A663
	39		nsp	nsp	SUPPORT	SUPPORT SPACER CMH1A286
	40		nsp	nsp	PWB ASSY	UNBALANCE INPUT PWB ASSY COP12070B
	41	F B	nsp	nsp	PANEL	REAR PANEL MM8003 F CKF1A386Y
	41	/K1B	nsp	nsp	PANEL	REAR PANEL MM8003 K CKF1A386X
	41	/N1B	nsp	nsp	PANEL	REAR PANEL MM8003 N CKF1A386Z
	41	/U1B	nsp	nsp	PANEL	REAR PANEL MM8003 U CKF2A386Z
	42		00M32CW107010	00M32CW107010	SHEET	CUSHION FOOT CHG1A360

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	43		00M243W057210	00M243W057210	LEG	LEG FOR SILVER CKL2A042H46
	44		nsp	nsp	CHASSIS	CHASSIS MAIN MM8003 CUA1A285CC
	45	F B	nsp	nsp	PWB ASSY	MM8003/F SUPPORT2 PWB ASSY COP12069E
	45	/K1B	nsp	nsp	PWB ASSY	MM8003/K SUPPORT2 PWB ASSY COP12069D
	45	/N1B	nsp	nsp	PWB ASSY	MM8003/N SUPPORT2 PWB ASSY COP12069B
	45	/U1B	nsp	nsp	PWB ASSY	MM8003/U SUPPORT2 PWB ASSY COP12069C
	46		nsp	nsp	PWB ASSY	MM8003 POWER PWB ASSY COP12072B
	47		nsp	nsp	NUT	NUT M3 CNE1A012
	48	F B	nsp	nsp	BUFFER	CUSHION MAIN TRANS CHG1A422
	48	/K1B	nsp	nsp	BUFFER	CUSHION MAIN TRANS CHG1A422
	48	/N1B	nsp	nsp	BUFFER	CUSHION MAIN TRANS CHG1A442
	48	/U1B	nsp	nsp	BUFFER	CUSHION MAIN TRANS CHG1A442
	BN33	/K1B	nsp	nsp	CORD	2P WIRE ASSY 450MM UL1617 CWB4F232450UU
	BN33	/N1B	nsp	nsp	CORD	2P WIRE ASSY 450MM UL1617 CWB4F232450UU
	CN30	F B	nsp	nsp	CORD	WIRE ASSY CWZSR7001BN92A
	CN30	/K1B	nsp	nsp	CORD	WIRE ASSY CWZSR7001BN92A
	CN30	/U1B	nsp	nsp	CORD	WIRE ASSY CWZSR7001BN92A
	CN32	/N1B	nsp	nsp	CORD	WIRE ASSY CWZSR7001BN92A
	CN50		nsp	nsp	CORD	3P WIRE ASSY 150MM UL1015 CWZMM8003CN50
	CN61		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 150MM CWB1C003150BB
	CN70		nsp	nsp	CORD	20P WIRE ASSY DUAL 20PIN 2.0MM CWZMM8003CN70
			90M-FC500030R	90M-FC500030R	FERRITE CORE	FERRITE RING 29X7.7X19 CLZ9W003Z
PACKING						
	001T	F B	nsp	541110073017M	USER GUIDE	USER GUIDE MM8003 F CQX1A1375Z
	001T	/K1B	nsp	541110075051M	USER GUIDE	USER GUIDE MM8003 K CQX1A1376Z
	001T	/N1B	541110076030M	541110076030M	USER GUIDE	USER GUIDE MM8003 N CQX1A1346Z
	001T	/U1B	nsp	541110074027M	USER GUIDE	USER GUIDE MM8003 U CQX1A1347Z
	 21	F B	nsp	90M-ZC000350R	MAINS CORD	! MAINS CORD 12A/125V CJA2J076Z
	 21	/K1B	nsp	90M-ZC000650R	MAINS CORD	# MAINS CORD FOR K CJA2N075Z
	 21	/N1B	90M-ZC000320R	90M-ZC000320R	MAINS CORD	! MAINS CORD 2WIRE 10A/250V CJA2B054Z
	 21	/U1B	nsp	90M-ZC000310R	MAINS CORD	! MAINS CORD UL 032508/12 CJA2A070Z
NOT STANDARD SPARE PART						
	001S		nsp	531110014011M	PACKING CASE	PACKING CASE MM8003 CPG1A861Y
	002S		nsp	533610007014M	CUSHION	CUSHION L AV8003 CPS1A813
	003S		nsp	533610008024M	CUSHION	CUSHION R AV8003 CPS1A814
	005S	/N1B	nsp	531110015052M	MASS CARTON	MASTER CARTON N MM8003 CPG1A862Y
	13		nsp	403310001019M	LID	TOP COVER BL AV8003 CKC2A170K117
			nsp	943613000560S	CONN. CORD	CORD ORANGE PIN (1.2MM) CJS4M034Z

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

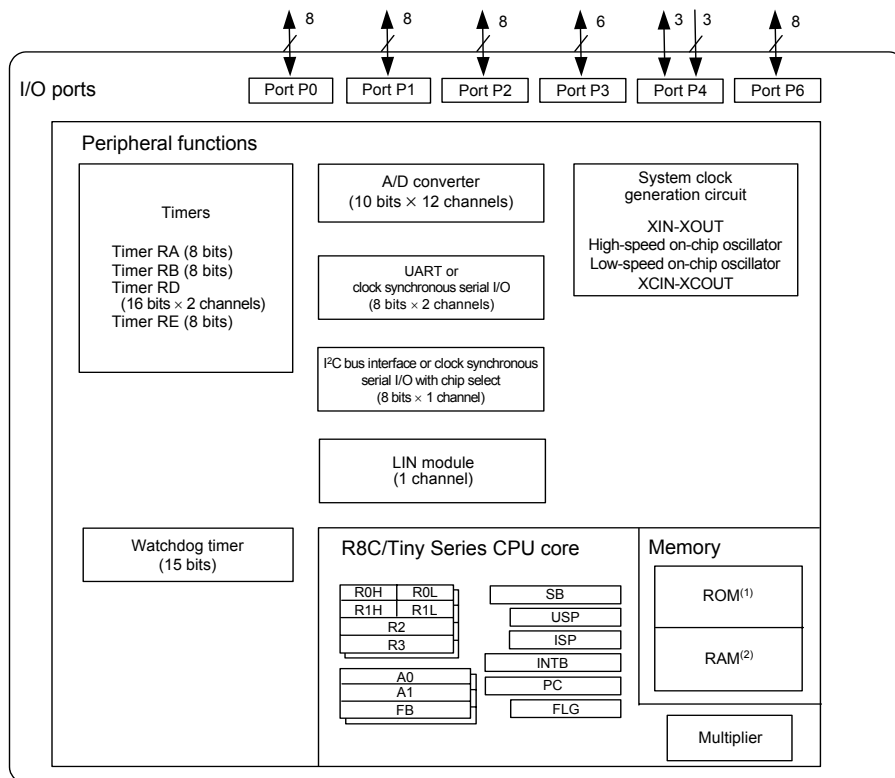
12. MICROPROCESSOR AND IC DATA

IC40 : R5F21246SNFP [MAIN CPU]

Pin No	Port	I/O	USE	STBY	Port Name	Act.	Init	Note
1	NC	NC	-	X	X	X	X	
2	P35/SCL/SSCK	I/O	O	H	I2C CLK	-	H	I2C CLK for Serial EEPROM
3	P33/SSI	I/O	I	I	-	-	-	NO USE
4	P34/SDA/SCS	I/O	O	H	I2C DATA	-	H	I2C DATA for Serial EEPROM
5	MODE	I	I	H	MODE	L	H	For CPU writing
6	P43/XCIN	I/O	I	I	-	-	L	NO USE
7	P44/XCOUT	I/O	O	I	-	-	L	NO USE
8	RESET	I	I	I	RESET	L	H	RESET PORT(LoW ACTIVE)
9	XOUT/P47	I/O	O	X	XOUT	X	X	16MHz X'tal
10	VSS/AVSS	I	-	-	GND	-	-	GND
11	P46/XIN	I	I	X	XIN	X	X	16MHz X'tal
12	VCC/AVCC	I	I	I	VCC	-	-	+5V
13	P27/YRDIOD1	I/O	O	L	SPK_ON1	H	L	SPK1 OUT ON/OFF Control
14	P26/TRDIOC1	I/O	O	L	SPK_ON2	H	L	SPK2 OUT ON/OFF Control
15	P25/TRDIOB1	I/O	O	L	SPK_ON3	H	L	SPK3 OUT ON/OFF Control
16	P24/TRDIOA1	I/O	O	L	SPK_ON4	H	L	SPK4 OUT ON/OFF Control
17	P23/TRDIOD0	I/O	O	H	V_LED3	L	H	Version indication LED 3bit (MSB)
18	P22/TRDIOC0	I/O	O	H	V_LED2	L	H	Version indication LED 2bit
19	P21/TRDIOB0	I/O	O	H	V_LED1	L	H	Version indication LED 1bit (LSB)
20	P20/TRDIOA0	I/O	I	I	RC_IN	-	H	RC5 INPUT
21	P17/TRAIO/INT1	I/O	I	I	RC_INT	L	H	RC5 INPUT
22	P16/CLK0	I/O	O	L	FAN_1	L	H	FAN Control 1 Output
23	P15/RXD0	I/O	O	L	FAN_2	L	H	FAN Control 2 Output
24	P14/TXD0	I/O	I	I	_HEAT_DET_P	L	H	Power AMP Heat detection for Posistor
25	P13/KI3/AN11	I/O	AD	I	KEY2	-	-	Factory_Key / Service Key
26	NC	NC	-					NC
27	P45/INT0	I/O	INT	I	_P_DOWN	L	H	Power Down Detection
28	P66/INT2/TXD1	I/O	SO	I	TXD	L	H	UART for RS232C
29	P67/INT3/RXD1	I/O	SI	I	RXD	L	H	UART for RS232C
30	P12/KI2/AN10	I/O	AD	I	_HEAT_DET_4	-	-	Power AMP Heat detection 4 (NS LM94022)
31	P11/KI1/AN9	I/O	I	KEY INT	PWR_BTN	H	L	Power Button / Rear_Power_Button
32	P10/KI0/AN8	I/O	I	I	DC_IN	-	L	DC Trigger Detect H →L:Stand-by L →H:Power On
33	P31/TRBO	I/O	O	H	_DC_OUT	-	H	DC Trigger OUT Set Stand-by →H Set Power ON →L
34	P30/TRAO	I/O	I	I	-	-	H	Rear_Power_Button
35	P65/CLK1	I/O	O	H	_POWER_LED3	L	H	Power LED3

IC40 : R5F21246SNFP [MAIN CPU]

Pin No	Port	I/O	USE	STBY	Port Name	Act.	Init	Note
36	P64	I/O	O	H	_POWER_LED2	L	H	Power LED2
37	P63	I/O	O	H	_POWER_LED1	L	H	Power LED1
38	P07/AN0	I/O	I	I	_P_CUR_FAIL	L	H	Power Amp Current DC Fail Detect
39	NC	NC	-	X	X	X	X	NC
40	NC	NC	-	X	X	X	X	NC
41	P06/AN1	I/O	I	I	_P_AMP_FAIL	L	H	Power Amp DC Fail Detect
42	P05/AN2	I/O	AD	I	_HEAT_DET_2	-	-	Power AMP Heat detection 2 (NS LM94022)
43	P04/AN3	I/O	AD	I	_HEAT_DET_3	-	-	Power AMP Heat detection 3 (NS LM94022)
44	P42/VREF	I/O	I	I	VREF	-	-	+3.3V
45	P60/TREO	I/O	I	I	__P_LINE_FAIL	-	L	Emergency Protection
46	P62	I/O	O	L	_STANDBY1	L	H	Standby Control 1
47	P61	I/O	O	L	_STANDBY2	L	H	Standby Control 2
48	P03/AN4	I/O	AD	I	_HEAT_DET_1	-	-	Power AMP Heat detection 1 (NS LM94022)
49	P02/AN5	I/O	I	I	_AVSS_DET	L	H	Power AMP AVSS Level detection
50	P01/AN6	I/O	O	L	AVSS_OUT	H	L	Power Supply H/L switch
51	P00/AN7	I/O	O	L	_MUTE	L	L	ALL Channel Signal MUTE
52	P37/SSO	I/O	O	L	_STBY_LED	L	H	Standby LED On



NOTES:
 1. ROM size varies with MCU type.
 2. RAM size varies with MCU type.

Features

- Low-voltage and Standard-voltage Operation
 - 1.8 ($V_{CC} = 1.8V$ to 5.5V)
- Internally Organized 512 x 8 (4K), or 1024 x 8 (8K)
- Two-wire Serial Interface
- Schmitt Trigger, Filtered Inputs for Noise Suppression
- Bidirectional Data Transfer Protocol
- 1 MHz (5V), 400 kHz (1.8V, 2.5V, 2.7V) Compatibility
- Write Protect Pin for Hardware Data Protection
- 16-byte Page (4K, 8K) Write Modes
- Partial Page Writes Allowed
- Self-timed Write Cycle (5 ms max)
- High-reliability
 - Endurance: 1 Million Write Cycles
 - Data Retention: 100 Years
- 8-lead PDIP, 8-lead JEDEC SOIC, 8-lead Ultra-Thin Mini-MAP (MLP 2x3), 5-lead SOT23, 8-lead TSSOP and 8-ball dBGGA2 Packages
- Lead-free/Halogen-free
- Die Sales: Wafer Form, Tape and Reel and Bumped Wafers

Description

The AT24C04B/08B provides 4096/8192 bits of serial electrically erasable and programmable read-only memory (EEPROM) organized as 512/1024 words of 8 bits each. The device is optimized for use in many industrial and commercial applications where low-power and low-voltage operation are essential. The AT24C04B/08B is available in space-saving 8-lead PDIP, 8-lead JEDEC SOIC, 8-lead Ultra-Thin Mini-MAP (MLP 2x3), 5-lead SOT23, 8-lead TSSOP, and 8-ball dBGGA2 packages and is accessed via a Two-wire serial interface. In addition, the AT24C04B/08B is available in 1.8V (1.8V to 5.5V) version.

Table 0-1. Pin Configuration

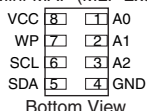
Pin Name	Function
A0 - A2	Address Inputs
SDA	Serial Data
SCL	Serial Clock Input
WP	Write Protect
NC	No Connect
GND	Ground
VCC	Power Supply

Note: For use of 5-lead SOT23

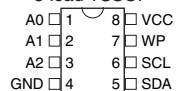
4K: The software A2 and A1 bits in the device address word must be set to zero to properly communicate.

8K: The software A2 bit in the device address word must be set to zero to properly communicate.

8-lead Ultra-Thin Mini-MAP (MLP 2x3)



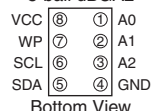
8-lead TSSOP



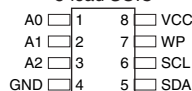
5-lead SOT23



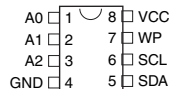
8-ball dBGGA2



8-lead SOIC



8-lead PDIP



Two-wire Serial EEPROM

4K (512 x 8)

8K (1024 x 8)

AT24C04B AT24C08B

Preliminary

5226B-SEEPR-8/07





December 6, 2007

LM94022/LM94022Q 1.5V, SC70, Multi-Gain Analog Temperature Sensor with Class-AB Output

General Description

The LM94022 is a precision analog output CMOS integrated-circuit temperature sensor that operates at a supply voltage as low as 1.5 Volts. A class-AB output structure gives the LM94022 strong output source and sink current capability for driving heavy loads. For example, it is well suited to source the input of a sample-and-hold analog-to-digital converter with its transient load requirements. While operating over the wide temperature range of -50°C to $+150^{\circ}\text{C}$, the LM94022 delivers an output voltage that is inversely proportional to measured temperature. The LM94022's low supply current makes it ideal for battery-powered systems as well as general temperature sensing applications.

Two logic inputs, Gain Select 1 (GS1) and Gain Select 0 (GS0), select the gain of the temperature-to-voltage output transfer function. Four slopes are selectable: $-5.5\text{ mV}/^{\circ}\text{C}$, $-8.2\text{ mV}/^{\circ}\text{C}$, $-10.9\text{ mV}/^{\circ}\text{C}$, and $-13.6\text{ mV}/^{\circ}\text{C}$. In the lowest gain configuration (GS1 and GS0 both tied low), the LM94022 can operate with a 1.5V supply while measuring temperature over the full -50°C to $+150^{\circ}\text{C}$ operating range. Tying both inputs high causes the transfer function to have the largest gain of $-13.6\text{ mV}/^{\circ}\text{C}$ for maximum temperature sensitivity. The gain-select inputs can be tied directly to V_{DD} or Ground without any pull-up or pull-down resistors, reducing component count and board area. These inputs can also be driven by logic signals allowing the system to optimize the gain during operation or system diagnostics.

Applications

- Cell phones
- Wireless Transceivers
- Battery Management
- Automotive

- Disk Drives
- Games
- Appliances

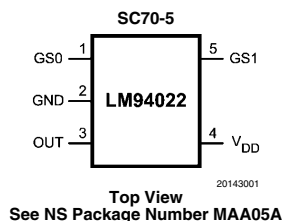
Features

- LM94022Q is AEC-Q100 Grade 0 qualified and is manufactured on an Automotive Grade Flow.
- Low 1.5V operation
- Push-pull output with 50 μA source current capability
- Four selectable gains
- Very accurate over wide temperature range of -50°C to $+150^{\circ}\text{C}$
- Low quiescent current
- Output is short-circuit protected
- Extremely small SC70 package
- Footprint compatible with the industry-standard LM20 temperature sensor

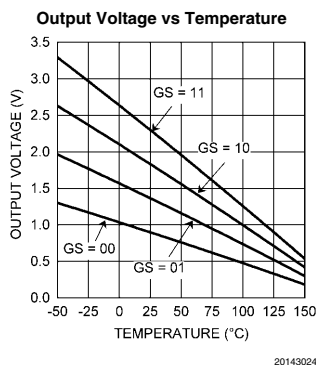
Key Specifications

■ Supply Voltage	1.5V to 5.5V
■ Supply Current	5.4 μA (typ)
■ Output Drive	$\pm 50\text{ }\mu\text{A}$
■ Temperature Accuracy	20°C to 40°C $\pm 1.5^{\circ}\text{C}$ -50°C to 70°C $\pm 1.8^{\circ}\text{C}$ -50°C to 90°C $\pm 2.1^{\circ}\text{C}$ -50°C to 150°C $\pm 2.7^{\circ}\text{C}$
■ Operating Temperature	-50°C to 150°C

Connection Diagram



Typical Transfer Characteristic



LM94022/LM94022Q 1.5V, SC70, Multi-Gain Analog Temperature Sensor with Class-AB Output

LAPT 2SC2922

Silicon NPN Epitaxial Planar Transistor (Complement to type 2SA1216)

Application : Audio and General Purpose

■ Absolute maximum ratings (Ta=25°C)

Symbol	2SC2922	Unit
V _{CB0}	180	V
V _{CE0}	180	V
V _{EB0}	5	V
I _C	17	A
I _B	5	A
P _C	200 (T _C =25°C)	W
T _J	150	°C
T _{stg}	-55 to +150	°C

■ Electrical Characteristics (Ta=25°C)

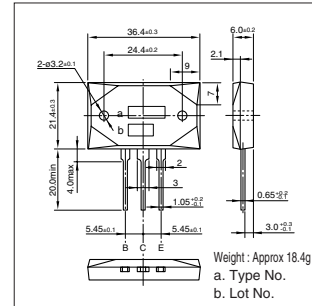
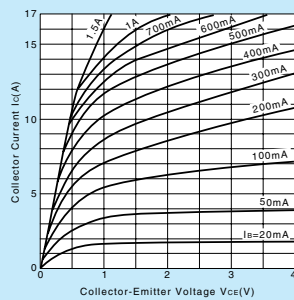
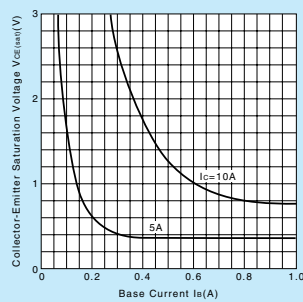
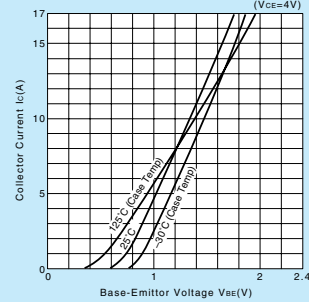
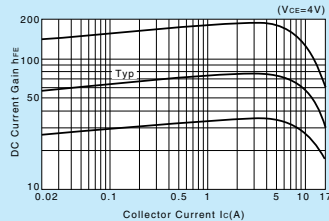
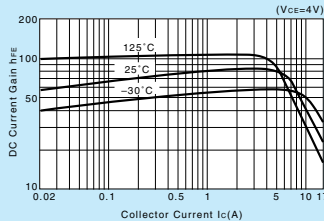
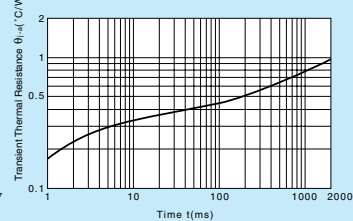
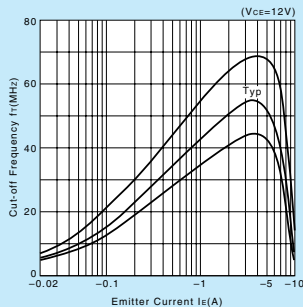
Symbol	Conditions	2SC2922	Unit
I _{CBO}	V _{CB} =180V	100max	μA
I _{EB0}	V _{EB} =5V	100max	μA
V _{(BR)CEO}	I _C =25mA	180min	V
h _{FE}	V _{CE} =4V, I _C =8V	30min*	
V _{CE(sat)}	I _C =8A, I _B =0.8A	2.0max	V
f _T	V _{CE} =12V, I _E =-2A	50typ	MHz
C _{OB}	V _{CE} =10V, f=1MHz	250typ	pF

*h_{FE} Rank: O(30 to 60), Y(50 to 100), P(70 to 140), G(90 to 180)

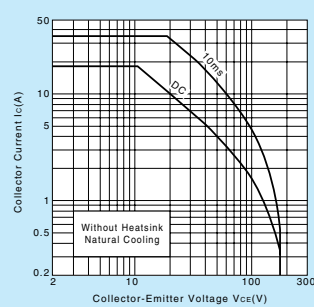
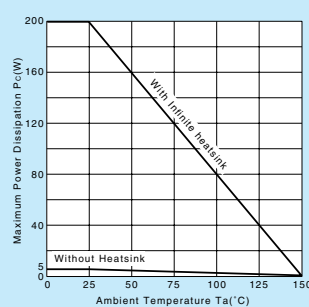
■ Typical Switching Characteristics (Common Emitter)

V _{CC} (V)	R _L (Ω)	I _C (A)	V _{BE2} (V)	I _{B1} (A)	I _{B2} (A)	t _{on} (μs)	t _{stg} (μs)	t _f (μs)
40	4	10	-5	1	-1	0.2typ	1.3typ	0.45typ

External Dimensions MT-200

I_C-V_{CE} Characteristics (Typical)V_{CE(sat)}-I_B Characteristics (Typical)I_C-V_{BE} Temperature Characteristics (Typical)h_{FE}-I_C Characteristics (Typical)h_{FE}-I_C Temperature Characteristics (Typical)θ_{JA}-t Characteristicsf_T-I_E Characteristics (Typical)

Safe Operating Area (Single Pulse)

P_C-T_a Derating

LAPT

2SA1216

Silicon PNP Epitaxial Planar Transistor (Complement to type 2SC2922)

Application : Audio and General Purpose

Absolute maximum ratings (Ta=25°C)

Symbol	2SA1216	Unit
Vcbo	-180	V
Vceo	-180	V
Vebo	-5	V
Ic	-17	A
Ib	-5	A
Pc	200(Tc=25°C)	W
Tj	150	°C
Tstg	-55 to +150	°C

Electrical Characteristics (Ta=25°C)

Symbol	Conditions	2SA1216	Unit
Vcbo	Vcb=-180V	-100max	μA
Iebo	VEB=-5V	-100max	μA
V(BR)CEO	Ic=-25mA	-180min	V
hFE	VCE=-4V, Ic=-8A	30min*	
VCE(sat)	Ic=-8A, Ib=-0.8A	-2.0max	V
fr	VCE=-12V, IE=2A	40typ	MHz
COB	VCB=-10V, f=1MHz	500typ	pF

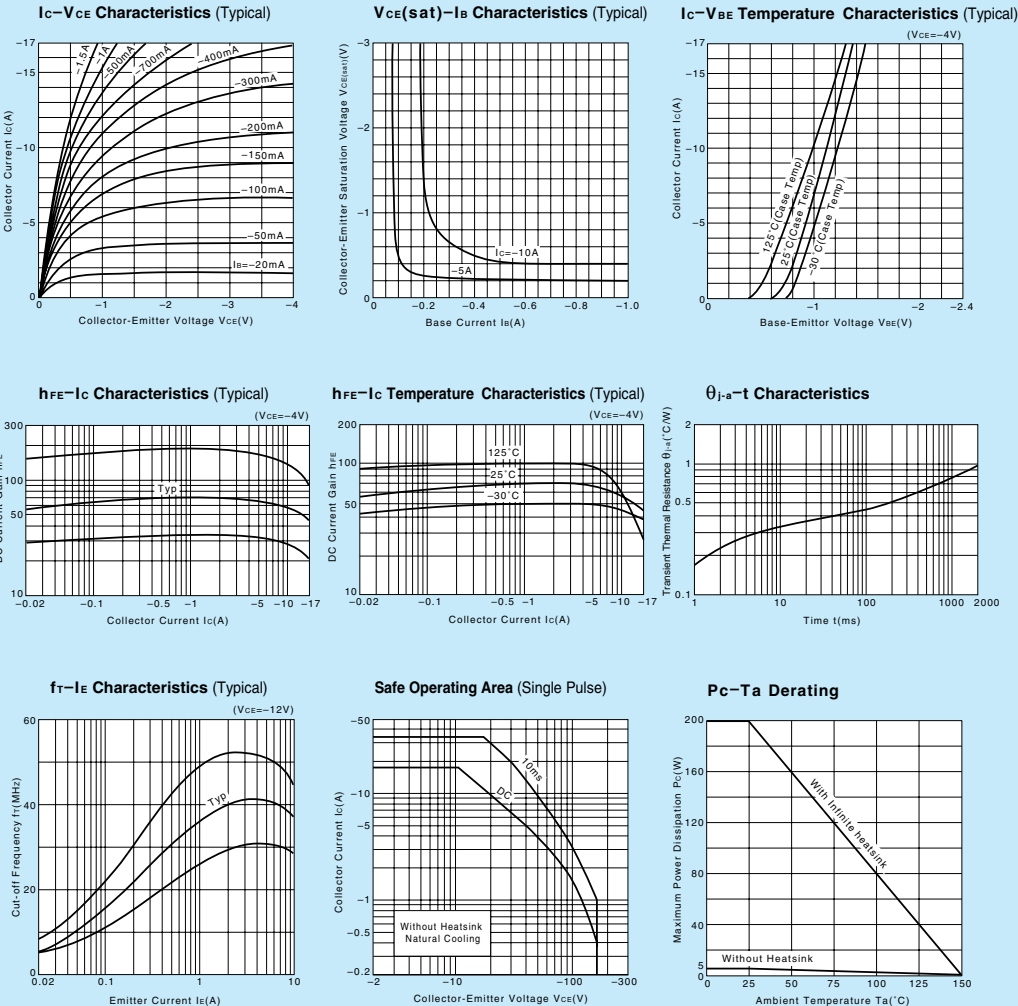
*hFE Rank O(30to60), Y(50to100), P(70to140), G(90to180)

Typical Switching Characteristics (Common Emitter)

Vcc (V)	RL (Ω)	Ic (A)	Vbe (V)	Ib1 (A)	Ib2 (A)	ton (μs)	tstg (μs)	tf (μs)
-40	4	-10	5	-1	1	0.3typ	0.7typ	0.2typ

External Dimensions MT-200

Weight : Approx 18.4g
a. Type No.
b. Lot No.



13. ELECTRICAL PARTS LIST

PARTS INFORMATION

RESISTORS

- 1) 00MGD05 × × × 140, Carbon film fixed resistor, ±5% 1/4W
2) 00MGD05 × × × 160, Carbon film fixed resistor, ±5% 1/6W

① — Resistance value

Examples ;

① Resistance value

0.1Ω 001	10Ω 100	1kΩ 102	100kΩ 104
0.5Ω 005	18Ω 180	2.7kΩ 272	680kΩ 684
1Ω 010	100Ω 101	10kΩ 103	1MΩ 105
6.8Ω 068	390Ω 391	22kΩ 223	4.7MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

CERAMIC CAP.

- 3) 00MDD1 × × × 370, Ceramic capacitor
Disc type
Temp.coef.FP350 ~ N1000, 50V
- ② — Capacity value
③ — Tolerance

Examples ;

② Tolerance (Capacity deviation)

±0.25pF.....0
±0.5pF.....1
±5%.....5

* Tolerance of COMMON PARTS handled here are as follows :

0.5pF ~ 5pF ±0.25pF
6pF ~ 10pF ±0.5pF
12pF ~ 560pF ±5%

③ Capacity value

0.5pF 005	3pF 030	100pF 101
1pF 010	10pF 100	220pF 221
1.5pF 015	47pF 470	560pF 561

CERAMIC CAP.

- 4) 00MDK16 × × × 300, High dielectric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
- ④ — Capacity value

Examples ;

④ Capacity value

100pF 101	1000pF 102	10000pF 103
470pF 471	2200pF 222	

ELECTROLY CAP. (∇)

- 5) 00MEA × × × × × 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
- ⑤ — Working voltage
⑥ — Capacity value

Examples ;

⑤ Capacity value

0.1μF.....104	4.7μF475	100μF ... 107
0.33μF.....334	10μF106	330μF ... 337
1μF.....105	22μF226	1100μF ... 118
		2200μF ... 228

⑥ Working voltage

6.3V.....006	25V025
10V.....010	35V035
16V.....016	50V050

FILM CAP. ($\pm$)

- 6) 00MDF15 × × × 350 Plastic film capacitor
One-way type, Mylar ±5% 50V
00MDF15 × × × 310 Plastic film capacitor
One-way type, Mylar ±10% 50V
- ⑦ — Capacity value

Examples ;

⑦ Capacity value

0.001μF (1000pF) 102	0.1μF 104
0.0018μF.....182	0.56μF 564
0.01μF.....103	1μF 105
0.015μF.....153	

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)	Type No. (KOA)	Description
00MNH05 × × × 140	→ RF25S × × × × ΩJ	(±5% 1/4W)
00MNH05 × × × 120	→ RF50S × × × × ΩJ	(±5% 1/2W)
00MNH85 × × × 110	→ RF73B2A × × × × ΩJ	(±5% 1/10W)
00MNH95 × × × 140	→ RF73B2E × × × × ΩJ	(±5% 1/4W)

* Resistance value Resistance value (0.1 – 10kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)	Type No. (MEC)	Description
00MNF05 × × × 140	→ ERD-2FCJ × × ×	(±5% 1/4W)
00MRF05 × × × 140		
00MNF02 × × × 140	→ ERD-2FCG × × ×	(±2% 1/4W)
00MRF02 × × × 140		

* Resistance value * Resistance value

Examples ;

* Resistance value

0.1Ω 001	10Ω 100	1kΩ 102	100kΩ 104
0.5Ω 005	18Ω 180	2.7kΩ 272	680kΩ 684
1Ω 010	100Ω 101	10kΩ 103	1MΩ 105
6.8Ω 068	390Ω 391	22kΩ 223	4.7MΩ 475

ABBREVIATION AND MARKS

ANT. : ANTENNA	BATT. : BATTERY
CAP. : CAPACITOR	CER. : CERAMIC
CONN. : CONNECTING	DIG. : DIGITAL
HP : HEADPHONE	MIC. : MICROPHONE
μ-PRO : MICROPROCESSOR	REC. : RECORDING
RES. : RESISTOR	SPK : SPEAKER
SW : SWITCH	TRANSF. : TRANSFORMER
TRIM. : TRIMMING	TRS. : TRANSISTOR
VAR. : VARIABLE	X'TAL : CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **00MFS20xxx2xx**, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol  Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :

がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
					AMP1 PWB (CUP12071Y)	
AMP1	C101		nsp	00MOA47505020	ELECT CAP.	4.7UF 50V CCEA1HH4R7T
AMP1	C201		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP1	C202		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP1	C203		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C204		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C205		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP1	C206		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP1	C207		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C208		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C209		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP1	C210		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C211		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C212		nsp	nsp	FILM CAP.	0.01UF 100V J HCQ1H103JZT
AMP1	C213		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP1	C214		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP1	C215		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP1	C216		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP1	C301		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP1	C302		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP1	C303		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C304		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C305		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP1	C306		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP1	C307		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C308		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C309		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP1	C310		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C311		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C312		nsp	nsp	FILM CAP.	0.01UF 100V J HCQ1H103JZT
AMP1	C313		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP1	C314		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP1	C315		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP1	C316		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP1	C401		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP1	C402		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP1	C403		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C404		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C405		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP1	C406		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP1	C407		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C408		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C409		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP1	C410		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C411		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C412		nsp	nsp	FILM CAP.	0.01UF 100V J HCQ1H103JZT
AMP1	C413		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP1	C414		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP1	C415		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP1	C416		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP1	C501		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP1	C502		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP1	C503		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C504		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP1	C505		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP1	C506		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP1	C507		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C508		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP1	C509		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP1	C510		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C511		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP1	C512		nsp	nsp	FILM CAP.	0.01UF 100V J HCQ1H103JZT
AMP1	C513		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP1	C514		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP1	C515		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP1	C516		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP1	CN10		nsp	nsp	CORD	2P WIRE ASSY 300MM 220MM UL1015 CWZMM8003CN10

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	CN20		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN21		nsp	nsp	CORD	2P WIRE ASSY 300MM 220MM UL1015 CWZMM8003CN21
AMP1	CN30		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN40		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN50		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN62		nsp	nsp	CONN.	2PIN CJP02GA19ZY CJP02GA19ZY
AMP1	CN63		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN64		nsp	nsp	CONN.	2PIN CJP02GA19ZY CJP02GA19ZY
AMP1	CN65		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	CN70		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
AMP1	CN71		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
AMP1	CN72		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP1	D201		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D202		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D203		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D204		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D205		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W CVDZJ4.3BT
AMP1	D206		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D207		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D208		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D209		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D210		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
AMP1	D301		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D302		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D303		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D304		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D305		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W CVDZJ4.3BT
AMP1	D306		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D307		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D308		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D309		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D310		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
AMP1	D401		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D402		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D403		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D404		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D405		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W CVDZJ4.3BT
AMP1	D406		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D407		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D408		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D409		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D410		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
AMP1	D501		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D502		943202000940S	943202000940S	ZENER DIODE	ZJ16BT CVDZJ16BT
AMP1	D503		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D504		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D505		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W CVDZJ4.3BT
AMP1	D506		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D507		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D508		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
AMP1	D509		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
AMP1	D510		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
AMP1	IC20		00MHC10053090	00MHC10053090	IC	NJM2068DD HVINJM2068DD
AMP1	IC30		00MHC10053090	00MHC10053090	IC	NJM2068DD HVINJM2068DD
AMP1	IC40		00MHC10053090	00MHC10053090	IC	NJM2068DD HVINJM2068DD
AMP1	IC50		00MHC10053090	00MHC10053090	IC	NJM2068DD HVINJM2068DD
AMP1	J200		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J201		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J202		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J203		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J204		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J205		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J206		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J207		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J208		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J209		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J210		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	J211		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J212		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J213		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J214		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J215		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J216		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J217		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J218		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J219		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J220		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J221		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J222		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J223		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J224		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J225		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J226		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J227		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J228		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J229		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J230		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J231		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J232		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J233		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J234		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J235		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J236		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J237		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J238		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J239		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J240		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J241		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J242		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J243		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J244		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J245		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J246		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J247		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J248		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J249		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J250		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J251		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J252		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J253		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J300		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J301		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J302		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J303		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J304		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J305		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J306		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J307		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J308		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J309		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J310		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J311		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J312		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J313		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J314		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J315		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J316		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J317		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J318		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J319		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J320		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J321		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J322		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J323		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	J324		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J325		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J326		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J327		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J328		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J329		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J330		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J331		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J332		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J333		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J334		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J335		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J336		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J337		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J338		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J339		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J340		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J341		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J342		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J343		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J344		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J345		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J346		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J347		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J348		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J349		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J350		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J351		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J352		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J353		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J354		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J355		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J356		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J357		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J400		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J401		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J402		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J403		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J404		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J405		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J406		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J407		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J408		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J409		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J410		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J411		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J412		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J413		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J414		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J415		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J416		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J417		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J418		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J419		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J420		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J421		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J422		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J423		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J424		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J425		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J426		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J427		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J428		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J429		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J430		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J431		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J432		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	J433		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J434		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J435		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J436		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J437		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J438		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J439		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J440		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J441		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J442		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J443		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J444		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J445		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J446		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J447		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J448		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J449		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J450		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J451		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J452		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J500		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J501		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J502		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J503		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J504		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J505		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J506		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J507		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J508		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J509		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J510		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J511		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J512		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J513		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J514		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J515		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J516		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J517		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J518		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J519		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J520		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J521		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J522		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J523		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J524		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J525		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J526		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J527		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J528		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J529		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J530		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J531		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J532		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J533		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J534		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J535		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J536		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J537		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J538		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J539		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J540		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J541		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J542		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J543		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J544		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J545		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J546		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	J547		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J548		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J550		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J551		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	J552		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP1	Q101		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q201		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q202		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q203		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q204		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q205		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q206		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q207		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q208		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q209		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP1	Q210		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q211		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q212		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP1	Q213		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP1	Q214		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP1	Q215		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP1	Q216		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q217		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q218		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q301		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q302		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q303		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q304		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q305		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q306		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q307		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q308		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q309		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP1	Q310		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q311		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q312		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP1	Q313		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP1	Q314		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP1	Q315		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP1	Q316		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q317		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q318		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q401		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q402		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q403		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q404		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q405		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q406		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q407		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q408		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q409		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP1	Q410		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q411		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q412		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP1	Q413		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP1	Q414		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP1	Q415		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP1	Q416		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q417		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q418		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q501		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q502		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q503		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q504		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q505		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP1	Q506		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP1	Q507		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	Q508		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q509		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP1	Q510		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP1	Q511		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP1	Q512		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP1	Q513		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP1	Q514		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP1	Q515		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP1	Q516		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GR
AMP1	Q517		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	Q518		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP1	R101		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R102		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R201		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R202		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP1	R203		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R204		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R205		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R206		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R207		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R208		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R209		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R210		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R211		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R212		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R213		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R214		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R215		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R216		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R217		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R218		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R219		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP1	R221		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R222		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R223		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R224		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R225		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP1	R226		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R227		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R228		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP1	R229		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R230		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R231		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP1	R232		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R233		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R234		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP1	R255		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP1	R256		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R257		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R258		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R259		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R260		nsp	nsp	RES.	18 OHM 1/6W J CARBON CRD20TJ180T
AMP1	R261		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP1	R262		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R263		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R264		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R265		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R301		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R302		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP1	R303		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R304		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R305		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R306		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R307		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R308		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R309		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R310		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	R311		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R312		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R313		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R314		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R315		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R316		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R317		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R318		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R319		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP1	R321		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R322		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R323		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R324		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R325		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP1	R326		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R327		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R328		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP1	R329		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R330		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R331		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP1	R332		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R333		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R334		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP1	R355		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP1	R356		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R357		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R358		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R359		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R360		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP1	R361		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP1	R362		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R363		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R364		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R365		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R401		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R402		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP1	R403		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R404		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R405		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R406		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R407		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R408		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R409		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R410		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R411		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R412		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R413		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R414		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R415		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R416		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R417		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R418		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R419		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP1	R421		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R422		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R423		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R424		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R425		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP1	R426		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R427		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R428		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP1	R429		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R430		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R431		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP1	R432		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R433		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R434		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP1	R455		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP1	R456		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R457		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R458		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R459		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R460		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP1	R461		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP1	R462		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R463		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R464		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R465		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R501		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R502		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP1	R503		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R504		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP1	R505		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R506		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R507		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R508		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R509		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R510		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R511		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R512		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP1	R513		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP1	R514		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R515		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R516		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R517		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP1	R518		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP1	R519		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP1	R521		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R522		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP1	R523		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R524		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP1	R525		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP1	R526		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R527		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP1	R528		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP1	R529		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R530		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP1	R531		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP1	R532		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP1	R533		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	R534		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP1	R555		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP1	R556		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R557		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R558		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP1	R559		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R560		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP1	R561		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP1	R562		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R563		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP1	R564		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP1	R565		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP1	RS20		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP1	RS30		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP1	RS40		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP1	RS50		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP1	VR20		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP1	VR30		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP1	VR40		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP1	VR50		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP2 PWB (CUP12071Y)						
AMP2	C101		nsp	00MOA47505020	ELECT CAP.	4.7UF 50V CCEA1HH4R7T
AMP2	C201		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP2	C202		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	C203		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C204		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C205		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP2	C206		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP2	C207		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C208		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C209		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP2	C210		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C211		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C212		nsp	nsp	FILM CAP.	0.01UF 100V J HCQI1H103JZT
AMP2	C213		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP2	C214		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP2	C215		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP2	C216		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP2	C301		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP2	C302		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP2	C303		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C304		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C305		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP2	C306		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP2	C307		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C308		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C309		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP2	C310		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C311		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C312		nsp	nsp	FILM CAP.	0.01UF 100V J HCQI1H103JZT
AMP2	C313		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP2	C314		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP2	C315		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP2	C316		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP2	C401		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP2	C402		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP2	C403		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C404		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C405		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP2	C406		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP2	C407		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C408		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C409		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP2	C410		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C411		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C412		nsp	nsp	FILM CAP.	0.01UF 100V J HCQI1H103JZT
AMP2	C413		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP2	C414		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP2	C415		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP2	C416		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP2	C501		nsp	90M-OA000150R	ELECT CAP.	22UF 50V CCEA1HROA220T
AMP2	C502		943133000590S	943133000590S	FILM CAP.	330PF/100VDC POLYPROPYLENE CCMP2A331JA02T
AMP2	C503		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C504		nsp	90M-OA000120R	ELECT CAP.	100UF 50V HCEA1HAHS101T
AMP2	C505		nsp	nsp	CER. CAP.	10PF 50V DC CCCT1H100DC
AMP2	C506		943133000600S	943133000600S	FILM CAP.	3300PF/100VDC POLYPROPYLENE CCMP2A332JA02T
AMP2	C507		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C508		nsp	00MOA10710020	ELECT CAP.	100UF 100V RA-2 CCEA2ARA101E
AMP2	C509		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
AMP2	C510		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C511		nsp	nsp	CER. CAP.	47PF/500VDC CCCT2H470JT
AMP2	C512		nsp	nsp	FILM CAP.	0.01UF 100V J HCQI1H103JZT
AMP2	C513		nsp	nsp	CER. CAP.	2200PF 50V KB CCKT1H222KB
AMP2	C514		nsp	00MOA10705020	ELECT CAP.	100UF 50V RA-2 CCEA1HRA101T
AMP2	C515		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
AMP2	C516		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
AMP2	CN11		nsp	nsp	CORD	2P WIRE ASSY 530MM 450MM UL1015 CWZMM8003CN11
AMP2	CN20		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP2	CN20		nsp	nsp	CORD	2P WIRE ASSY 440MM 440MM UL1015 CWZMM8003CN20
AMP2	CN30		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
AMP2	CN40		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION	
AMP2	CN50		nsp	nsp	CONN.	STRAIGHT 2PIN	CJP02GA01ZY
AMP2	CN51		nsp	nsp	CORD	3P WIRE ASSY 350MM UL1015	CWZMM8003CN51
AMP2	CN60		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 350MM	CWB1C003350BB
AMP2	CN62		nsp	nsp	CONN.	2PIN CJP02GA19ZY	CJP02GA19ZY
AMP2	CN63		nsp	nsp	CONN.	STRAIGHT 2PIN	CJP02GA01ZY
AMP2	CN64		nsp	nsp	CONN.	2PIN CJP02GA19ZY	CJP02GA19ZY
AMP2	CN65		nsp	nsp	CONN.	STRAIGHT 2PIN	CJP02GA01ZY
AMP2	CN70		nsp	nsp	CONN.	3P STRAIGHT	CJP03GA01ZY
AMP2	CN71		nsp	nsp	CONN.	3P WAFER	CJP03GA90ZY
AMP2	CN72		nsp	nsp	CONN.	STRAIGHT 2PIN	CJP02GA01ZY
AMP2	D201		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D202		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D203		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D204		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D205		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W	CVDZJ4.3BT
AMP2	D206		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D207		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D208		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D209		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D210		nsp	90M-HD201750R	DIODE	1N4003	CVD1N4003SRT
AMP2	D301		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D302		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D303		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D304		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D305		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W	CVDZJ4.3BT
AMP2	D306		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D307		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D308		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D309		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D310		nsp	90M-HD201750R	DIODE	1N4003	CVD1N4003SRT
AMP2	D401		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D402		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D403		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D404		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D405		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W	CVDZJ4.3BT
AMP2	D406		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D407		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D408		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D409		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D410		nsp	90M-HD201750R	DIODE	1N4003	CVD1N4003SRT
AMP2	D501		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D502		943202000940S	943202000940S	ZENER DIODE	ZJ16BT	CVDZJ16BT
AMP2	D503		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D504		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D505		943202000950S	943202000950S	ZENER DIODE	ZJ4.3B 1/2W	CVDZJ4.3BT
AMP2	D506		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D507		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D508		nsp	00MHD20015210	DIODE	1SS133T-77	CVD1SS133MT
AMP2	D509		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT	CVDZJ8.2BT
AMP2	D510		nsp	90M-HD201750R	DIODE	1N4003	CVD1N4003SRT
AMP2	IC20		00MHC10053090	00MHC10053090	IC	NJM2068DD	HVINJM2068DD
AMP2	IC30		00MHC10053090	00MHC10053090	IC	NJM2068DD	HVINJM2068DD
AMP2	IC40		00MHC10053090	00MHC10053090	IC	NJM2068DD	HVINJM2068DD
AMP2	IC50		00MHC10053090	00MHC10053090	IC	NJM2068DD	HVINJM2068DD
AMP2	J200		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J201		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J202		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J203		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J204		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J205		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J206		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J207		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J208		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J209		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J210		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J211		nsp	nsp	CORD	SN95/PB5 0.6	C3A206
AMP2	J212		nsp	nsp	CORD	SN95/PB5 0.6	C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	J213		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J214		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J215		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J216		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J217		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J218		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J219		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J220		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J221		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J222		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J223		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J224		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J225		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J226		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J227		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J228		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J229		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J230		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J231		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J232		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J233		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J234		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J235		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J236		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J237		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J238		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J239		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J240		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J241		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J242		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J243		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J244		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J245		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J246		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J247		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J248		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J249		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J250		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J251		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J252		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J253		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J300		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J301		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J302		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J303		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J304		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J305		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J306		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J307		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J308		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J309		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J310		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J311		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J312		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J313		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J314		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J315		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J316		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J317		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J318		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J319		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J320		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J321		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J322		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J323		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J324		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J325		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	J326		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J327		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J328		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J329		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J330		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J331		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J332		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J333		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J334		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J335		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J336		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J337		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J338		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J339		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J340		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J341		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J342		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J343		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J344		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J345		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J346		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J347		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J348		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J349		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J350		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J351		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J352		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J353		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J354		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J355		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J356		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J357		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J400		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J401		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J402		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J403		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J404		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J405		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J406		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J407		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J408		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J409		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J410		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J411		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J412		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J413		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J414		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J415		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J416		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J417		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J418		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J419		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J420		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J421		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J422		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J423		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J424		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J425		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J426		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J427		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J428		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J429		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J430		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J431		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J432		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J433		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J434		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	J435		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J436		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J437		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J438		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J439		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J440		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J441		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J442		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J443		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J444		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J445		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J446		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J447		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J448		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J449		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J450		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J451		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J452		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J500		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J501		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J502		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J503		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J504		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J505		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J506		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J507		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J508		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J509		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J510		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J511		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J512		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J513		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J514		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J515		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J516		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J517		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J518		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J519		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J520		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J521		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J522		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J523		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J524		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J525		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J526		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J527		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J528		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J529		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J530		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J531		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J532		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J533		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J534		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J535		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J536		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J537		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J538		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J539		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J540		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J541		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J542		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J543		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J544		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J545		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J546		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J547		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J548		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	J550		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J551		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	J552		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
AMP2	Q101		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q201		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q202		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q203		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q204		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q205		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q206		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q207		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q208		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q209		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP2	Q210		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q211		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q212		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP2	Q213		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP2	Q214		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP2	Q215		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP2	Q216		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q217		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q218		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q301		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q302		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q303		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q304		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q305		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q306		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q307		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q308		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q309		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP2	Q310		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q311		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q312		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP2	Q313		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP2	Q314		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP2	Q315		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP2	Q316		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q317		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q318		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q401		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q402		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q403		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q404		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q405		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q406		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q407		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q408		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q409		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A
AMP2	Q410		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q411		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q412		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP2	Q413		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP2	Q414		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP2	Q415		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP2	Q416		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q417		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q418		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q501		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q502		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q503		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q504		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q505		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
AMP2	Q506		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q507		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q508		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q509		90M-HT800120R	90M-HT800120R	TRS.	KTC3114A HVTKTC3114A

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	Q510		90M-HT300820R	90M-HT300820R	TRS.	KTC3423Y HVTKTC3423Y
AMP2	Q511		90M-HT100540R	90M-HT100540R	TRS.	KTA1360Y HVTKTA1360Y
AMP2	Q512		90M-HT300940R	90M-HT300940R	TRS.	2SC4883A HVT2SC4883A
AMP2	Q513		90M-HT100690R	90M-HT100690R	TRS.	2SA1859A HVT2SA1859A
AMP2	Q514		00MHT329222B0	00MHT329222B0	TRS.	2SC2922 Y P FORMING CVT2SC2922YP
AMP2	Q515		00MHT112162B0	00MHT112162B0	TRS.	2SA1216 Y P FORMING CVT2SA1216YP
AMP2	Q516		00MHT800931A0	00MHT800931A0	TRS.	KTC3200GR HVTKTC3200GRT
AMP2	Q517		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	Q518		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
AMP2	R101		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R102		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R201		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R202		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP2	R203		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R204		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R205		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R206		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R207		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R208		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R209		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R210		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R211		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R212		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R213		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R214		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R215		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R216		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R217		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R218		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R219		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP2	R221		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R222		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R223		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R224		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R225		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP2	R226		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R227		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R228		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP2	R229		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R230		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R231		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP2	R232		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R233		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R234		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP2	R255		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP2	R256		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R257		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R258		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R259		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R260		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP2	R261		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP2	R262		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R263		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R264		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R265		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R301		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R302		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP2	R303		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R304		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R305		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R306		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R307		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R308		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R309		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R310		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R311		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R312		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	R313		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R314		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R315		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R316		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R317		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R318		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R319		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP2	R321		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R322		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R323		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R324		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R325		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP2	R326		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R327		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R328		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP2	R329		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R330		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R331		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP2	R332		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R333		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R334		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP2	R355		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP2	R356		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R357		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R358		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R359		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R360		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP2	R361		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP2	R362		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R363		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R364		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R365		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R401		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R402		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP2	R403		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R404		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R405		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R406		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R407		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R408		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R409		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R410		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R411		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R412		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R413		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R414		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R415		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R416		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R417		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R418		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R419		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP2	R421		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R422		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R423		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R424		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R425		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP2	R426		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R427		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R428		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP2	R429		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R430		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R431		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP2	R432		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R433		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R434		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP2	R455		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP2	R456		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
AMP2	R457		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R458		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R459		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R460		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP2	R461		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP2	R462		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R463		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R464		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R465		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R501		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R502		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
AMP2	R503		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R504		nsp	nsp	RES.	METAL OXIDE FILM(2W 1.5K OHM) CRG2SANJ152RT
AMP2	R505		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R506		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R507		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R508		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R509		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R510		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R511		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R512		nsp	nsp	RES.	33 OHM 1/6W J CARBON CRD20TJ330T
AMP2	R513		nsp	nsp	RES.	470 OHM 1/4W FLAME RETARDANT CRG14SANCJ471T
AMP2	R514		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R515		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R516		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R517		90M-NB000010R	90M-NB000010R	RES.	LT20001/6S J LINEAR POSITIVE TEMP HRT16C1512000JT
AMP2	R518		nsp	nsp	RES.	6.8K OHM 1/6W J CARBON CRD20TJ682T
AMP2	R519		nsp	nsp	RES.	1K 1/4W 5% FRAME CRG14SANCJ102T
AMP2	R521		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R522		nsp	nsp	RES.	METAL OXIDE FILM(2W 10 OHM) CRG2SANJ100RT
AMP2	R523		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R524		nsp	nsp	RES.	100 OHM 1/4W FLAME RETARDANT CRG14SANCJ101T
AMP2	R525		nsp	nsp	RES.	METAL OXIDE FILM(1W 1K OHM) CRG1SANJ102RT
AMP2	R526		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R527		nsp	nsp	RES.	47 OHM 1W J METAL OXIDE FILM KRG1SANJ470RT
AMP2	R528		nsp	nsp	RES.	METAL OXIDE FILM(1W 220 OHM) CRG1SANJ221RT
AMP2	R529		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R530		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
AMP2	R531		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
AMP2	R532		nsp	nsp	RES.	330K OHM 1/6W J CARBON CRD20TJ334T
AMP2	R533		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	R534		nsp	nsp	RES.	150K OHM 1/6W CARBON CRD20TJ154T
AMP2	R555		nsp	nsp	RES.	METAL OXIDE FILM(2W 150 OHM) CRG2SANJ151RT
AMP2	R556		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R557		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R558		nsp	nsp	RES.	METAL OXIDE FILM(2W 120 OHM) CRG2SANJ121RT
AMP2	R559		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R560		nsp	nsp	RES.	18 OHM 1/6W J CRD20TJ180T
AMP2	R561		nsp	nsp	RES.	10 OHM 1/6W J CARBON CRD20TJ100T
AMP2	R562		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R563		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
AMP2	R564		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T
AMP2	R565		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
AMP2	RS20		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP2	RS30		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP2	RS40		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP2	RS50		943129000820S	943129000820S	RES.	0.1 OHM 5W CEMENT CRF5EKR10X2
AMP2	VR20		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP2	VR30		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP2	VR40		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
AMP2	VR50		943161000920S	943161000920S	TRIM. RES.	EVMEGGA00B13 CVN3RE102B02
					BALANCE INPUT PWB (CUP12070Y-2)	
BAL IN	BN11		nsp	nsp	CORD	9P WIRE ASSY 2.0MM 100MM CWB1B009100EN
BAL IN	BN20		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 100MM CWB1B003100BM
BAL IN	BN21		nsp	nsp	CORD	9P WIRE ASSY 2.0MM 100MM SHIELD CWZMM8003BN21
BAL IN	BN22		nsp	nsp	CORD	9P WIRE ASSY 2.0MM 100MM SHIELD CWZMM8003BN21
BAL IN	BN30		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.0MM 270MM CWZMM8003BN30

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
BAL IN	BN31		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.5MM 410MM CWZMM8003BN31
BAL IN	BN32		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.5MM 410MM CWZMM8003BN31
BAL IN	BN33		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.0MM 500MM CWZMM8003BN33
BAL IN	BN34		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.5MM 410MM CWZMM8003BN31
BAL IN	BN35		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.0MM 410MM CWZMM8003BN35
BAL IN	BN36		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.0MM 270MM CWZMM8003BN30
BAL IN	BN37		nsp	nsp	CORD	2P SHIELD WIRE ASSY 2.5MM 270MM CWZMM8003BN37
BAL IN	C501		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C502		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C503		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C505		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C506		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C507		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C509		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C510		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C511		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C512		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C513		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C514		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C515		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C516		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C523		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C524		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C525		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C526		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C550		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
BAL IN	C551		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
BAL IN	C601		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C602		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C603		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C605		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C606		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C607		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C609		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C610		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C611		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C612		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C613		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C614		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C615		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C616		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C623		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C624		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C625		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C626		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C701		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C702		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C703		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C705		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C706		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C707		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C709		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C710		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C711		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C712		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C713		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C714		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C715		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C716		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C723		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C724		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C725		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C726		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
BAL IN	C801		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C802		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C803		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C805		nsp	00MOA22602520	ELECT CAP.	22 UF M 25V RA-2 CCEA1ERA220T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
BAL IN	C806		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2 CCEA1ERA220T
BAL IN	C807		nsp	00MDD95470300	CER. CAP.	47PF 50V JA CCUS1H470JA
BAL IN	C809		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C810		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C811		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C812		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C813		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C814		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
BAL IN	C815		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C816		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C823		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C824		943133000610S	943133000610S	FILM CAP.	47PF/1KVDC POLYPROPYLENE CCMP3A470JA02T
BAL IN	C825		nsp	90M-OA000230R	ELECT. CAP.	22UF 25V HCEA1EROA220T
BAL IN	C826		nsp	90M-OA000230R	ELECT. CAP.	22UF 25V HCEA1EROA220T
BAL IN	CN70		nsp	nsp	CONN.	5P WAFER YMW025-05R CJP05GA01ZY
BAL IN	D501		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D502		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D503		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D601		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D602		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D603		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D701		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D702		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D703		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D801		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D802		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	D803		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
BAL IN	ET10		nsp	nsp	TERMINAL	EARTH PLATE CNE75
BAL IN	ET20		nsp	nsp	TERMINAL	EARTH PLATE CNE75
BAL IN	IC50		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC51		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC52		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC60		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC61		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC62		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC70		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC71		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC72		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC80		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC81		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	IC82		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
BAL IN	J201		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J202		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J203		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J204		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J207		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J208		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J209		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J210		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J211		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J212		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J213		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J214		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J215		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J216		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J217		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J219		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J220		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J221		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J222		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J223		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J224		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J226		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J227		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J228		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J229		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J230		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
BAL IN	J231		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J232		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J235		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J236		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J237		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J238		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J239		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J240		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J242		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J243		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J244		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J245		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J246		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J247		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J248		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J250		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J251		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J252		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J253		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J254		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J255		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J256		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J257		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J259		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J260		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J261		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J277		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J278		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	J279		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
BAL IN	JK50		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK51		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK60		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK61		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK70		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK71		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK80		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	JK81		943646000870S	943646000870S	TERMINAL	XLR JACK CJS6S003Z
BAL IN	Q303		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q501		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q502		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q503		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q601		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q602		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q603		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q701		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q702		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q801		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q802		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	Q803		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
BAL IN	R213		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R214		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R501		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R502		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R503		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R504		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R505		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R507		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R508		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R509		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R510		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R511		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R513		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R514		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R515		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R516		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T
BAL IN	R517		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R518		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
BAL IN	R519		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R520		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R521		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R522		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R523		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R524		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R525		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R526		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R527		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R528		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R529		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R530		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R531		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R532		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R533		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R601		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R602		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R603		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R604		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R605		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R607		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R608		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R609		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R610		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R611		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R615		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R616		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T
BAL IN	R617		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R618		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T
BAL IN	R619		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R620		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R621		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R622		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R623		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R624		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R625		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R626		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R627		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R628		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R629		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R630		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R631		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R632		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R633		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R701		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R702		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R703		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R704		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R705		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R707		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R708		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
BAL IN	R726		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R727		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R728		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R729		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R730		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R731		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R732		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R733		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R801		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R802		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R803		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R804		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R805		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R807		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R808		nsp	00MNN05224610	CHIP RES.	220K OHM 1/10W J CRJ10DJ224T
BAL IN	R809		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R810		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R811		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R813		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R814		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R815		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R816		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T
BAL IN	R817		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R818		nsp	00MNN05332610	CHIP RES.	3.3K OHM 1/10W J CRJ10DJ332T
BAL IN	R819		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R820		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R821		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R822		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R823		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R824		nsp	00MNN05512610	CHIP RES.	5.1K OHM 1/10W J CRJ10DJ512T
BAL IN	R825		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R826		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
BAL IN	R827		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R828		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
BAL IN	R829		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R830		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R831		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R832		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	R833		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
BAL IN	RY50		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY51		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY52		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY61		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY62		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY63		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY71		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY72		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY73		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY81		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY82		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
BAL IN	RY83		943682000810S	943682000810S	RELAY	BC3-12H 12V 2C2P CSL4A016ZU
					CPU PWB (CUP12094Y-1)	
CPU	BK10		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A569
CPU	BK20		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A569
CPU	BK30		nsp	nsp	BRACKET	BRACKET PWB CMD1A629
CPU	BK40		nsp	nsp	BRACKET	BRACKET PWB CMD1A629
CPU	BK50		nsp	nsp	BRACKET	BRACKET PWB CMD1A629
CPU	BK60		nsp	nsp	BRACKET	BRACKET PWB CMD1A629
CPU	BK70		nsp	nsp	BRACKET	BRACKET SHIELD CMD1A512
CPU	BN34		nsp	nsp	CORD	5P WIRE ASSY 2.5MM 2.0MM 200MM CWB1B005200BN
CPU	C400		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C401		nsp	00MDD9515030R	CER. CAP.	15PF 50V JA CCUS1H150JA
CPU	C402		nsp	00MDD9515030R	CER. CAP.	15PF 50V JA CCUS1H150JA
CPU	C403		nsp	00MOA10701620	ELECT CAP.	100UF 16V CCEA1CH101T
CPU	C404		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C405		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C406		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
CPU	C407		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C408		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C409		nsp	00MOA10702520	ELECT CAP.	100UF 25V CCEA1EH101T
CPU	C410		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C411		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C412		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C413		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C414		nsp	00MDD95270300	CER. CAP.	27PF 50V JA CCUS1H270JA
CPU	C415		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C416		nsp	00MOA47601640	ELECT CAP.	47UF 16V CCEA1CH470T
CPU	C417		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C418		nsp	00MOA47601640	ELECT CAP.	47UF 16V CCEA1CH470T
CPU	C419		nsp	00MDK96103300	CER. CAP.	0.01UF 50V KC CCUS1H103KC
CPU	C420		nsp	00MDK96103300	CER. CAP.	0.01UF 50V KC CCUS1H103KC
CPU	C421		nsp	00MDD95330300	CER. CAP.	33PF 50V JA CCUS1H330JA
CPU	C422		nsp	00MDD95330300	CER. CAP.	33PF 50V JA CCUS1H330JA
CPU	C423		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C424		nsp	00MOA47505020	ELECT CAP.	4.7UF 50V CCEA1HH4R7T
CPU	C425		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C426		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C427		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C428		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C429		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
CPU	C505		nsp	00MDK96103300	CER. CAP.	0.01UF 50V KC CCUS1H103KC
CPU	CN40		nsp	nsp	CONN.	5P STRAIGHT CJP05GA19ZY
CPU	CN41		nsp	nsp	CONN.	20 DUAL WAFER CJP20GA147ZW
CPU	CN42		nsp	nsp	CONN.	7P WAFER CARD CABLE CJP07GB113ZY
CPU	CN43	/N1B	nsp	nsp	CONN.	WAFER 7P CJP07GA117ZY
CPU	CN43	/U1B	nsp	nsp	CONN.	WAFER 7P CJP07GA117ZY
CPU	D400		90M-HI200020R	90M-HI200020R	L.E.D.	SIR-34ST3F BVDSIR34ST3F
CPU	D401		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
CPU	D402		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
CPU	D403		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
CPU	D404		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
CPU	D405		90M-HI101040R	90M-HI101040R	L.E.D.	SLR342VCTB7T089 HVD342VCTB7T089
CPU	D406		90M-HI101040R	90M-HI101040R	L.E.D.	SLR342VCTB7T089 HVD342VCTB7T089
CPU	D407		90M-HI101040R	90M-HI101040R	L.E.D.	SLR342VCTB7T089 HVD342VCTB7T089
CPU	D408		00MHZ21303210	00MHZ21303210	DIODE	1SS355 CVD1SS355T
CPU	IC40		943243001000M	943243001000M	U-PRO	R5F21246SNFP MM8003 CVIR5F21246SNFP
CPU			00M47CW499A00	00M47CW499A00	SOFTWARE	FIRMWARE FOR IC40
CPU	IC41		943236000650S	943236000650S	IC	AT24C04BN-SH-B CVIAT24C04BNSHB
CPU	IC43		90M-HC900050R	90M-HC900050R	IC	KIA78D33F HVIKIA78D33F
CPU	IC44		90M-HW100690R	90M-HW100690R	PHOTO UNIT	RPM674CBR-S CRVRPM6936
CPU	IC45		00MHC10099540	00MHC10099540	IC	S-80145ALMC HVIS-80145ALMC
CPU	JK40		90M-YT004860R	90M-YT004860R	TERMINAL	3.5MM JACK STEREO CJJ2D008Z
CPU	JK41		90M-YT004860R	90M-YT004860R	TERMINAL	3.5MM JACK STEREO CJJ2D008Z
CPU	JK42		90M-YT004860R	90M-YT004860R	TERMINAL	3.5MM JACK STEREO CJJ2D008Z
CPU	JK43		943646000850S	943646000850S	TERMINAL	CINCH 2P JACK (OR/OR) CJJ4N076Y
CPU	Q400		90M-HX600010R	90M-HX600010R	CHIP TRS.	KRA102S HVTKRA102S
CPU	Q401		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
CPU	Q402		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
CPU	Q403		90M-HT600010R	90M-HT600010R	TRS.	TKTA1266YT HVTKTA1266YT
CPU	Q404		00MHT600121A0	00MHT600121A0	TRS.	KTA1268GR HVTKTA1268GRT
CPU	Q405		90M-HX800010R	90M-HX800010R	CHIP TRS.	KRC102S HVTKRC102S
CPU	Q406		90M-HX600010R	90M-HX600010R	CHIP TRS.	KRA102S HVTKRA102S
CPU	R400		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R401		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R402		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R403		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R404		nsp	00MNN05472610	CHIP RES.	4.7K OHM 1/10W J CRJ10DJ472T
CPU	R405		nsp	00MNN05000610	CHIP RES.	0 OHM 1/10W J CRJ10DJ0R0T
CPU	R406		nsp	00MNN05105610	CHIP RES.	1M OHM 1/10W J CRJ10DJ105T
CPU	R407		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R408		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R409		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R410		nsp	00MNN05472610	CHIP RES.	4.7K OHM 1/10W J CRJ10DJ472T
CPU	R411		nsp	00MNN05472610	CHIP RES.	4.7K OHM 1/10W J CRJ10DJ472T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
CPU	R413		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R414		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R416		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R417		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R418		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R419		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R420		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R421		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R422		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R423		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R424		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R425		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R426		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R427		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R428		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R429		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R430		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R431		nsp	00MNN05221610	CHIP RES.	220 OHM 1/10W J CRJ10DJ221T
CPU	R432		nsp	00MNN05221610	CHIP RES.	220 OHM 1/10W J CRJ10DJ221T
CPU	R433		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
CPU	R434		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
CPU	R435		nsp	00MNN05000610	CHIP RES.	0 OHM 1/10W J CRJ10DJ0R0T
CPU	R436		nsp	00MNN05470610	CHIP RES.	47 OHM 1/10W J CRJ10DJ470T
CPU	R437		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R438		nsp	00MNN05183610	CHIP RES.	18K OHM 1/10W J CRJ10DJ183T
CPU	R439		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R440		nsp	00MNN05470610	CHIP RES.	47 OHM 1/10W J CRJ10DJ470T
CPU	R441		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R442		nsp	00MNN05183610	CHIP RES.	18K OHM 1/10W J CRJ10DJ183T
CPU	R443		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
CPU	R444		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
CPU	R445		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
CPU	R446		nsp	00MNN05220610	CHIP RES.	22 OHM 1/10W J CRJ10DJ220T
CPU	R447		nsp	00MNN05220610	CHIP RES.	22 OHM 1/10W J CRJ10DJ220T
CPU	R448		nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R449		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
CPU	R450		nsp	00MNN05682610	CHIP RES.	6.8K OHM 1/10W J CRJ10DJ682T
CPU	R451		nsp	00MNN05047610	CHIP RES.	4.7 OHM 1/10W J CRJ10DJ4R7T
CPU	R452		nsp	00MNN05047610	CHIP RES.	4.7 OHM 1/10W J CRJ10DJ4R7T
CPU	R453		nsp	00MNN05102610	CHIP RES.	1K OHM 1/10W J CRJ10DJ102T
CPU	R455		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
CPU	R456		nsp	00MNN05561610	CHIP RES.	560 OHM 1/10W J CRJ10DJ561T
CPU	R457		nsp	00MNN05561610	CHIP RES.	560 OHM 1/10W J CRJ10DJ561T
CPU	R458		nsp	00MNN05561610	CHIP RES.	560 OHM 1/10W J CRJ10DJ561T
CPU	R459		nsp	00MNN05152610	CHIP RES.	1.5K OHM 1/10W J CRJ10DJ152T
CPU	R460		nsp	00MNN05152610	CHIP RES.	1.5K OHM 1/10W J CRJ10DJ152T
CPU	R463		nsp	00MNN05104610	CHIP RES.	100K OHM 1/10W J CRJ10DJ104T
CPU	R464		nsp	00MNN05104610	CHIP RES.	100K OHM 1/10W J CRJ10DJ104T
CPU	R465		nsp	00MNN05104610	CHIP RES.	100K OHM 1/10W J CRJ10DJ104T
CPU	R466		nsp	00MNN05104610	CHIP RES.	100K OHM 1/10W J CRJ10DJ104T
CPU	R469		nsp	00MNN05152610	CHIP RES.	1.5K OHM 1/10W J CRJ10DJ152T
CPU	R470		nsp	00MNN05152610	CHIP RES.	1.5K OHM 1/10W J CRJ10DJ152T
CPU	R471		nsp	00MNN05000610	CHIP RES.	0 OHM 1/10W J CRJ10DJ0R0T
CPU	R472	F B	nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R472	/K1B	nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R473	F B	nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	R473	/K1B	nsp	00MNN05103610	CHIP RES.	10K OHM 1/10W J CRJ10DJ103T
CPU	SW40		90M-SP000880R	90M-SP000880R	SW	SW TACT CN CST1A010Z
CPU	SW41		90M-SP001210R	90M-SP001210R	SW	SKHV10910G TACT CST1A012ZT
CPU	SW42		90M-SP001210R	90M-SP001210R	SW	SKHV10910G TACT CST1A012ZT
CPU	X400		90M-JX001370R	90M-JX001370R	X'TAL	16.000MHZ COX16000E120TF
FAN & PROTECTION PWB (CUP12069Y-2)						
FAN/PROT	BK72		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A569
FAN/PROT	BK73		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A569
FAN/PROT	BK74		nsp	nsp	0	TR HEAT SINK ASSY(CMD1A557) CVT2SC3419YFA
FAN/PROT	BN10		nsp	nsp	CORD	2P WIRE ASSY 2.5MM 150MM CWB1B002150BM
FAN/PROT	BN20		nsp	nsp	CORD	2P WIRE ASSY 2.5MM 150MM CWB1B002150BM

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
FAN/PROT	C211		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
FAN/PROT	C212	F B	nsp	00MEJ10505010	ELECT CAP.	1UF 50V CCEA1HKS1R0T
FAN/PROT	C212	/K1B	nsp	00MEJ10505010	ELECT CAP.	1UF 50V CCEA1HKS1R0T
FAN/PROT	C212	/N1B	nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
FAN/PROT	C212	/U1B	nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
FAN/PROT	C213		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FAN/PROT	C214		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
FAN/PROT	C215	F B	nsp	00MEJ10505010	ELECT CAP.	1UF 50V CCEA1HKS1R0T
FAN/PROT	C215	/K1B	nsp	00MEJ10505010	ELECT CAP.	1UF 50V CCEA1HKS1R0T
FAN/PROT	C215	/N1B	nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
FAN/PROT	C215	/U1B	nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
FAN/PROT	C216		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FAN/PROT	C217		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FAN/PROT	CN22		nsp	nsp	CONN.	STRAIGHT 2PIN CJP02GA01ZY
FAN/PROT	CN25		nsp	nsp	CONN.	15P WAFER CJP15GA19ZY
FAN/PROT	CN28		943252000680S	943252000680S	POSISTOR	SYPSX08850JD04(2.5MM PIN TYPE) CRTMM8003
FAN/PROT	CN29		943252000680S	943252000680S	POSISTOR	SYPSX08850JD04(2.5MM PIN TYPE) CRTMM8003
FAN/PROT	CN51		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
FAN/PROT	CN52		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
FAN/PROT	CN53		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
FAN/PROT	CN54		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
FAN/PROT	D209		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
FAN/PROT	D210		90M-HD302380R	90M-HD302380R	ZENER DIODE	ZJ3.6BT CVDZJ3.6BT
FAN/PROT	J200		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J201		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J202		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J203		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J204		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J205		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J206		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J207		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J208		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J209		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J210		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J211		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J212		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J213		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J214		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J215		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	J216		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FAN/PROT	Q200		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q201		90M-BA001450R	90M-BA001450R	TRS.	KRA107M HVTKRA107MT
FAN/PROT	Q202		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q203		00MHT334191Y0	00MHT334191Y0	TRS.	2SC3419Y HVT2SC3419Y
FAN/PROT	Q204		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q205		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q206		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q207		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
FAN/PROT	Q208		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
FAN/PROT	Q209		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
FAN/PROT	R222		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
FAN/PROT	R223		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
FAN/PROT	R224		nsp	nsp	RES.	5.6K OHM 1/6W J CARBON CRD20TJ562T
FAN/PROT	R225		nsp	nsp	RES.	1.5K OHM 1/6W J CARBON CRD20TJ152T
FAN/PROT	R226		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
FAN/PROT	R227		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
FAN/PROT	R228		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
FAN/PROT	R229		nsp	nsp	RES.	4.7 OHM 1/6W J CARBON CRD20TJ47T
FAN/PROT	R230		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
FAN/PROT	R231		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
FAN/PROT	R232		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
FAN/PROT	R233		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
FAN/PROT	R234		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
FAN/PROT	R235		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
FAN/PROT	R236		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
FRONT PWB (CUP1206Z-1)						
FRONT	BN41		nsp	nsp	CORD	5P WIRE ASSY 2.0MM 450MM CWB1B005450EN

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
FRONT	BN61		nsp	nsp	CORD	WIRE ASSY CWE8102100RV
FRONT	C505		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FRONT	C506		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FRONT	C507		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
FRONT	D504		90M-HI101190R	90M-HI101190R	L.E.D.	BLUE LED TOL-52CSBBCEAB2 CVD52CSBBCEAB2
FRONT	J501		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FRONT	J502		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FRONT	J503		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
FRONT	Q503		00MBA10001000	00MBA10001000	TRS.	KRA102M HVTKRA102MT
FRONT	R506		nsp	nsp	RES.	120 OHM 1/6W J CARBON CRD20TJ121T
FRONT	R507		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
					POWER PWB (CUP12072Y)	
POWER	BN09		nsp	nsp	CORD	WIRE ASSY 1PIN 150MM CWE8102050AA
POWER	BN10		nsp	nsp	CORD	WIRE ASSY CWE8102180RV
POWER	BN11		nsp	nsp	CORD	WIRE ASSY 1PIN 80MM TERMINAL CWE8102080VV
POWER	BN13		nsp	nsp	CORD	WIRE ASSY 1PIN 50MM TERMINAL CWE8102050VV
POWER	BN15		nsp	nsp	CORD	WIRE ASSY 1PIN 150MM TERMINAL CWE8102150VV
POWER	BN20		nsp	nsp	CORD	15P WIRE ASSY 2.0MM 400MM CWB1B015400EN
POWER	BN30		nsp	nsp	CORD	3P WIRE ASSY 2.0MM 450MM CWB1B003450BM
POWER	BN70		nsp	nsp	CORD	WIRE ASSY CWB1C005150BM
POWER	C100		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C101		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C102		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C103		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C104		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C105		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C106		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C107		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C108		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C109		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C110		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C111		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C112		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C113		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C114		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C115		nsp	nsp	CER. CAP.	100PF 50V KB CCKT1H101KB
POWER	C116		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
POWER	C117		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
POWER	C118		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
POWER	C119		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
POWER	C120		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C121		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C122		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C123		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C124		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C125		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C126		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C127		nsp	nsp	FILM CAP.	0.039UF 100V J HCQ1H393JZT
POWER	C128		90M-OF100490R	90M-OF100490R	FILM CAP.	0.1UF 250V KCME2E104JP04T
POWER	C129		90M-OF100490R	90M-OF100490R	FILM CAP.	0.1UF 250V KCME2E104JP04T
POWER	▲ C130		00MOB50907110	00MOB50907110	ELECT. CAP.	! 50000UF/71V(LKGH2503MEYAZT) CCET71VLKG503R
POWER	▲ C131		00MOB50907110	00MOB50907110	ELECT. CAP.	! 50000UF/71V(LKGH2503MEYAZT) CCET71VLKG503R
POWER	C132		90M-OF100490R	90M-OF100490R	FILM CAP.	0.1UF 250V KCME2E104JP04T
POWER	C133		90M-OF100490R	90M-OF100490R	FILM CAP.	0.1UF 250V KCME2E104JP04T
POWER	C134		nsp	943134000570S	ELECT CAP.	KL5 50V/4700UF 25X30 KL5-50V472MS33 CCET50VKL5472NK
POWER	C135		nsp	943134000570S	ELECT CAP.	KL5 50V/4700UF 25X30 KL5-50V472MS33 CCET50VKL5472NK
POWER	C136		nsp	00MOA10805020	ELECT CAP.	1000UF/50V CCEA1HH102E
POWER	C137		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C138		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C139		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
POWER	C140		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
POWER	C141		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C142		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
POWER	C143		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
POWER	C144		nsp	00MOA10803520	ELECT CAP.	1000UF 35V CCEA1VH102E
POWER	C145		nsp	00MOA10803520	ELECT CAP.	1000UF 35V CCEA1VH102E
POWER	C146		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
POWER	C147		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C148		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
POWER	C149		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
POWER	C150		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
POWER	C151		nsp	00MOA10705020	ELECT CAP.	100UF 50V CCEA1HH101T
POWER	C152		nsp	00MOA10702520	ELECT CAP.	100UF 25V CCEA1EH101T
POWER	C153		nsp	nsp	CER. CAP.	1000PF 50V KB CKKT1H102KB
POWER	C154		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
POWER	C155		nsp	00MOA47701620	ELECT CAP.	470UF 16V ZF CCEA1CH471T
POWER	C156		nsp	nsp	CER. CAP.	0.01UF 50V Z CCFT1H103ZF
POWER	C157		nsp	00MOA47605020	ELECT CAP.	47UF 50V CCEA1HH470T
POWER	C201		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C202		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C203		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C204		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C205		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C206		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C207		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C208		nsp	nsp	CER. CAP.	100PF 50V KB CKKT1H101KB
POWER	C209		nsp	00MOA10702520	ELECT CAP.	100UF 25V CCEA1EH101T
POWER	C210		nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
POWER	CN10		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN11		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN20		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN21		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN30		nsp	nsp	CONN.	A3963WV2-5P (3.96MM) CJP05GA148ZW
POWER	CN40		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
POWER	CN50		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN51		nsp	nsp	CONN.	3P WAFER CJP03GA90ZY
POWER	CN60		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
POWER	CN61		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
POWER	CN70		nsp	nsp	CONN.	20 DUAL WAFER CJP20GA147ZW
POWER	D100		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D101		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D102		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D103		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D105		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D106		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D108		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D109		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D110		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D111		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D112		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D113		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D114		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D115		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D116		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D117		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	⚠ D118		00MHE20030290	00MHE20030290	DIODE	! D30XBN20 SBD BRIDGE CVDD30XBN20
POWER	D119		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D120		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SB CVDD1NJ10T
POWER	D121		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SB CVDD1NJ10T
POWER	D122		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SB CVDD1NJ10T
POWER	D123		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SB CVDD1NJ10T
POWER	D124		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D125		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D126		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D127		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
POWER	D128		90M-HD302440R	90M-HD302440R	ZENER DIODE	ZJ4.7B 1/2W CVDZJ4.7BT
POWER	D200		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D201		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D203		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D204		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D205		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D206		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D207		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
POWER	D208		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
POWER	ET10		nsp	nsp	TERMINAL	EARTH PLATE CNE75
POWER	 F101		943652000620S	943652000620S	FUSE	! FUSE(0.1A 372 SERIES/TR5) CBA2D0100A3EYT
POWER	 F102		90M-FS001070R	90M-FS001070R	FUSE	! AC250V T2.5AL KBA2D2500TLET
POWER	 F103		90M-FS001070R	90M-FS001070R	FUSE	! AC250V T2.5AL KBA2D2500TLET
POWER	IC10		00MHC3891899F	00MHC3891899F	IC	KIA7818API/P CVIKIA7818API
POWER	IC11		00MHC3891299F	00MHC3891299F	IC	KIA7812API HVIKIA7812API
POWER	IC12		00MHC3891599F	00MHC3891599F	IC	KIA7815API/P CVIKIA7815APIUPF
POWER	IC13		00D2631099035	00D2631099035	IC	KIA7915PI-U/P CVIKIA7915PIUPF
POWER	IC20		943232000660S	943232000660S	IC	NJM2901N CVINJM2901N
POWER	IC21		943232000660S	943232000660S	IC	NJM2901N CVINJM2901N
POWER	J100		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J101		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J102		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J103		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J104		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J105		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J106		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J107		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J108		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J109		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J110		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J111		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J112		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J113		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J114		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J115		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J116		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J117		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J118		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J119		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J120		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J121		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J122		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J123		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J124		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J125		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J126		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J127		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J128		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J129		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J130		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J131		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J132		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J133		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J134		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J135		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J136		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J137		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J138		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J139		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J140		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J141		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J142		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J143		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J144		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J145		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J146		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J147		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J149		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J150		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J151		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J152		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J153		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J154		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J155		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J156		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J157		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
POWER	J158		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J159		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J160		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J161		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J162		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J163		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J165		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J167		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J168		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J169		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J170		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J171		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J172		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J173		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J174		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J175		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J176		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J177		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J178		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J179		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J180		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J181		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J182		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J183		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J184		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J185		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J186		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J187		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J188		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J189		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J191		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J192		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J193		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J194		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J195		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J196		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J197		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J198		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J199		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J200		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J201		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J202		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J203		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J204		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J205		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J206		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J208		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J209		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J210		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	J211		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
POWER	JK10		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK20		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK30		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK40		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK50		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK60		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK70		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	JK80		943646000860S	943646000860S	TERMINAL	2P SPEAKER(RED/BLACK) CJJ5N013Z
POWER	L100		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L101		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L102		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L103		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L104		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L105		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L106		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	L107		90M-LC107310R	90M-LC107310R	COIL	0.5UH K CLEY0R5KAK
POWER	Q101		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
POWER	Q102		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
POWER	Q103		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
POWER	Q104		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
POWER	Q105		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
POWER	Q106		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
POWER	Q107		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
POWER	Q108		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
POWER	Q109		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
POWER	Q110		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
POWER	Q111		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
POWER	Q112		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
POWER	Q113		00MHT30001000	00MHT30001000	TRS.	KTC3199Y HVTKTC3199YT
POWER	Q114		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
POWER	Q115		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
POWER	Q116		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
POWER	Q117		943216000930S	943216000930S	TRS.	KTD2854 CVTKTD2854
POWER	R100		nsp	nsp	RES.	390 OHM 1W J METAL OXIDE FILM KRG1SANJ391RT
POWER	R101		nsp	nsp	RES.	470 OHM 1W J METAL OXIDE FILM KRG1SANJ471RT
POWER	R102		nsp	nsp	RES.	390 OHM 1W J METAL OXIDE FILM KRG1SANJ391RT
POWER	R103		nsp	nsp	RES.	470 OHM 1W J METAL OXIDE FILM KRG1SANJ471RT
POWER	R104		nsp	nsp	RES.	390 OHM 1W J METAL OXIDE FILM KRG1SANJ391RT
POWER	R105		nsp	nsp	RES.	470 OHM 1W J METAL OXIDE FILM KRG1SANJ471RT
POWER	R106		nsp	nsp	RES.	390 OHM 1W J METAL OXIDE FILM KRG1SANJ391RT
POWER	R107		nsp	nsp	RES.	470 OHM 1W J METAL OXIDE FILM KRG1SANJ471RT
POWER	R108		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R109		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R110		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R111		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R112		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R113		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R114		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R115		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R116		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R117		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R118		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R119		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R120		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R121		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R122		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R123		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R124		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R125		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R126		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R127		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R128		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R129		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R130		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R131		nsp	nsp	RES.	10 OHM 1W J METAL OXIDE FILM KRG1SANJ100RT
POWER	R132		nsp	nsp	RES.	METAL OXIDE FILM (1W/1 OHM) CRG1SANJ1R0RT
POWER	R133		nsp	nsp	RES.	METAL OXIDE FILM (1W/1 OHM) CRG1SANJ1R0RT
POWER	R134		90M-NH000160R	90M-NH000160R	FUSE RES.	0.33 OHM 1W FUSE RES. CRQ1AJR33H
POWER	R135		90M-NH000160R	90M-NH000160R	FUSE RES.	0.33 OHM 1W FUSE RES. CRQ1AJR33H
POWER	R136		90M-NH000160R	90M-NH000160R	FUSE RES.	0.33 OHM 1W FUSE RES. CRQ1AJR33H
POWER	R137		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
POWER	R138		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
POWER	R139		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
POWER	R140		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
POWER	R141		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R142		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
POWER	R143		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
POWER	R144		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R145		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
POWER	R146		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
POWER	R147		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R148		nsp	nsp	RES.	3.3K OHM 1/6W J CARBON CRD20TJ332T
POWER	R149		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R150		nsp	nsp	RES.	33K OHM 1/6W J CARBON CRD20TJ333T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
POWER	R151		nsp	nsp	RES.	100K OHM 1/6W J CARBON CRD20TJ104T
POWER	R152		nsp	nsp	RES.	220K OHM 1/6W J CARBON CRD20TJ224T
POWER	R153		nsp	nsp	RES.	220K OHM 1/6W J CARBON CRD20TJ224T
POWER	R154		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
POWER	R158		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R159		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R160		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R161		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R162		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R163		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R164		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R165		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
POWER	R166		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R167		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R168		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
POWER	R169		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R170		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
POWER	R171		nsp	nsp	RES.	1K OHM 1/6W J CARBON CRD20TJ102T
POWER	R172		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
POWER	R173		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
POWER	R200		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R201		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R202		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R203		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R204		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R205		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R206		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R207		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R208		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R209		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R210		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R211		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R212		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R213		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R214		nsp	nsp	RES.	47 OHM 1/6W J CARBON CRD20TJ470T
POWER	R215		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R216		nsp	nsp	RES.	100 OHM 1/6W J CARBON CRD20TJ101T
POWER	R217		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R219		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
POWER	R220		nsp	nsp	RES.	22K OHM 1/6W J CARBON CRD20TJ223T
POWER	R221		nsp	nsp	RES.	2.2K OHM 1/6W J CARBON CRD20TJ222T
POWER	R222		nsp	nsp	RES.	100K OHM 1/6W J CARBON CRD20TJ104T
POWER	RY10		943682000800S	943682000800S	RELAY	G5PA-28-MC DC24V CSL3B014ZE
POWER	RY11		943682000800S	943682000800S	RELAY	G5PA-28-MC DC24V CSL3B014ZE
POWER	RY12		943682000800S	943682000800S	RELAY	G5PA-28-MC DC24V CSL3B014ZE
POWER	RY13		943682000800S	943682000800S	RELAY	G5PA-28-MC DC24V CSL3B014ZE
POWER	▲RY20		943682000790S	943682000790S	RELAY	! HL1-1CT-24H 24V 1C2P CSL2B003ZU
POWER	▲RY21		943682000790S	943682000790S	RELAY	! HL1-1CT-24H 24V 1C2P CSL2B003ZU
PUSH S/W PWB (CUP12068Z-2)						
PUSH SW	BN33	/N1B	nsp	nsp	CONN.	2P WAFER CJP02GA89ZY
PUSH SW	▲C500	/K1B	nsp	90M-DK100800R	CER. CAP.	! DKS471ME KCKDKS471ME
PUSH SW	▲C500	/N1B	90M-DK100800R	90M-DK100800R	CER. CAP.	! DKS471ME KCKDKS471ME
PUSH SW	J504	/K1B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
PUSH SW	J504	/N1B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
PUSH SW	J505	/K1B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
PUSH SW	J505	/N1B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
PUSH SW	▲SW51	/K1B	nsp	90M-SP001250R	SW	! JPP1197CSA64 KSH1A001ZV
PUSH SW	▲SW51	/N1B	90M-SP001250R	90M-SP001250R	SW	! JPP1197CSA64 KSH1A001ZV
SENSOR1 PWB (CUP12094Y-2)						
SENSOR1	BN51		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 2.0MM 180MM CWB1B003180BN
SENSOR1	C501		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
SENSOR1	IC51		943235000640S	943235000640S	IC	LM94022BIMG CRTLM94022BIMG
SENSOR2 PWB (CUP12094Y-3)						
SENSOR2	BN52		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 2.0MM 180MM CWB1B003180BN
SENSOR2	C502		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
SENSOR2	IC52		943235000640S	943235000640S	IC	LM94022BIMG CRTLM94022BIMG
SENSOR3 PWB (CUP12094Y-4)						

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
SENSOR3	BN53		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 2.0MM 350MM CWB1B003350BN
SENSOR3	C503		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
SENSOR3	IC53		943235000640S	943235000640S	IC	LM94022BIMG CRTLM94022BIMG
					SENSOR4 PWB (CUP12094Y-5)	
SENSOR4	BN54		nsp	nsp	CORD	3P WIRE ASSY 2.5MM 2.0MM 350MM CWB1B003350BN
SENSOR4	C504		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
SENSOR4	IC54		943235000640S	943235000640S	IC	LM94022BIMG CRTLM94022BIMG
					STAND BY PWB (CUP12069Y-1)	
STBY	BK71		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A569
STBY	C300		nsp	00MOA47505020	ELECT CAP.	4.7UF 50V CCEA1HH4R7T
STBY	C301		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
STBY	C302		nsp	00MOA33802520	ELECT CAP.	3300UF 25V CCEA1EH332E
STBY	C303		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
STBY	C304		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
STBY	C305		nsp	00MOA10701620	ELECT CAP.	100UF 16V CCEA1CH101T
STBY	C306		nsp	90M-OA000560R	ELECT CAP.	4700UF 35V 16X30 CCEA1VH472E
STBY	C307		nsp	nsp	FILM CAP.	0.1UF 50V ZF CCFT1H104ZF
STBY	▲ C308		90M-DK100810R	90M-DK100810R	CER. CAP.	! DE1610-610F103M JP (KH TYPE) HCKWKH103MF
STBY	C309		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
STBY	▲ C310		90M-DK100810R	90M-DK100810R	CER. CAP.	! DE1610-610F103M JP (KH TYPE) HCKWKH103MF
STBY	C311		nsp	nsp	CER. CAP.	1000PF 50V KB CCKT1H102KB
STBY	C312		nsp	00MOA10505020	ELECT CAP.	1UF 50V CCEA1HH1R0T
STBY	CN30		nsp	nsp	CONN.	2P WAFER CJP02GA89ZY
STBY	CN31		nsp	nsp	CONN.	2P WAFER CJP02GA89ZY
STBY	CN33	/K1B	nsp	nsp	CONN.	2P WAFER CJP02GA89ZY
STBY	CN33	/N1B	nsp	nsp	CONN.	2P WAFER CJP02GA89ZY
STBY	CN34		nsp	nsp	CONN.	5P WAFER YMW025-05R CJP05GA01ZY
STBY	CN35		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
STBY	D300		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D301		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D302		90M-HD302410R	90M-HD302410R	ZENER DIODE	ZJ8.2BT CVDZJ8.2BT
STBY	D303		nsp	00MHD20015210	DIODE	1SS133T-77 CVD1SS133MT
STBY	D304		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D305		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D306		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D307		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D308		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D309		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D310		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D311		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D312		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	D313		nsp	90M-HD201750R	DIODE	1N4003 CVD1N4003SRT
STBY	▲ F300	/K1B	nsp	90M-FS001480R	FUSE	! T6.3AL 250V KBA2C6300TLEY
STBY	▲ F300	/N1B	90M-FS001480R	90M-FS001480R	FUSE	! T6.3AL 250V KBA2C6300TLEY
STBY	F300	/K1B	nsp	nsp	CONN.	HOLDER FUSE KJCF61F
STBY	F300	/N1B	nsp	nsp	CONN.	HOLDER FUSE KJCF61F
STBY	▲ F301	/U1B	nsp	90M-FS001460R	FUSE	! T 3.15A L 250V LITTLE FUSE 382 KBA2D3150A2EYT
STBY	▲ F302	F B	nsp	943652000630S	FUSE	! FUSE (326012 12A 250V SB) KBA2F1202TLUY
STBY	▲ F302	/U1B	nsp	943652000630S	FUSE	! FUSE (326012 12A 250V SB) KBA2F1202TLUY
STBY	F302	F B	nsp	nsp	CONN.	FUSE CLIP CJCF61F
STBY	F302	/U1B	nsp	nsp	CONN.	FUSE CLIP CJCF61F
STBY	IC30		90M-HC108410R	90M-HC108410R	IC	S-80842CNY-X HVIS-80842CNY-X
STBY	IC31		90M-HC300790R	90M-HC300790R	IC	KIA78R05PI HVKIA78R05PI
STBY	J300	F B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J300	/U1B	nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J301		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J302		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J303		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J304		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J305		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J306		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J307		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J308		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J309		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J310		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J311		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J312		nsp	nsp	CORD	SN95/PB5 0.6 C3A206

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
STBY	J313		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J314		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J315		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	J316		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
STBY	▲JK30	/U1B	nsp	90M-YT005390R	TERMINAL	! A202D0030P AC OUTLET CJJ7A012Z
STBY	Q300		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
STBY	Q301		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
STBY	Q302		00MHT600111B0	00MHT600111B0	TRS.	KTA1267Y HVTKTA1267YT
STBY	Q303		00MBA20001000	00MBA20001000	TRS.	KRC102M HVTKRC102MT
STBY	Q306		90M-HT800050R	90M-HT800050R	TRS.	KTC3198Y HVTKTC3198YT
STBY	R300		nsp	nsp	RES.	2.2K OHM 1/6W J CARBON CRD20TJ222T
STBY	R301		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
STBY	R302		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
STBY	R304		nsp	nsp	RES.	METAL OXIDE FILM (1W/1 OHM) CRG1SANJ1R0RT
STBY	R305		nsp	nsp	RES.	100K OHM 1/6W J CARBON CRD20TJ104T
STBY	R306		nsp	nsp	RES.	METAL OXIDE FILM (1W/1 OHM) CRG1SANJ1R0RT
STBY	R307		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
STBY	R308		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
STBY	R309		nsp	nsp	RES.	4.7K OHM 1/6W J CARBON CRD20TJ472T
STBY	R310		nsp	nsp	RES.	10K OHM 1/6W J CARBON CRD20TJ103T
STBY	R315		nsp	nsp	RES.	47K OHM 1/6W J CARBON CRD20TJ473T
STBY	R316		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
STBY	R317		nsp	nsp	RES.	15K OHM 1/6W J CARBON CRD20TJ153T
STBY	▲RF300		943129000830S	943129000830S	RES.	! SQMT-7W-2.2RJ CRQT7CJ2R2
STBY	▲RF301		943129000830S	943129000830S	RES.	! SQMT-7W-2.2RJ CRQT7CJ2R2
STBY	▲RY30		943682000780S	943682000780S	RELAY	! G4W-1112P-US-TV812VDC CSL1A017ZE
STBY	▲RY31		00MLY10090010	00MLY10090010	RELAY	! SDT-S-109DMR HSL1D016ZE
STBY	▲T301	F B	nsp	943101001770M	TRANSF.	! SUB TRANSF. MM8003/F CLT5K006YJ
STBY	▲T301	/K1B	nsp	943101001780M	TRANSF.	! SUB TRANSF. MM8003/K CLT5K006YH
STBY	▲T301	/N1B	943101000880M	943101000880M	TRANSF.	! SUB TRANSF. MM8003/N CLT5K006YE
STBY	▲T301	/U1B	nsp	943101000890M	TRANSF.	! SUB TRANSF. MM8003/U CLT5K006YU
SUPPORT1 PWB (CUP12069Y-2)						
SUPPORT1	BK75		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A081
SUPPORT1	BK76		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A081
SUPPORT2 PWB (CUP12069Y-3)						
SUPPORT2	BK77		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A081
SUPPORT2	BK78		nsp	nsp	BRACKET	BRACKET FOR PWB CMD1A081
TACT S/W PWB (CUP12068Z-3)						
TACT SW	BN51		nsp	nsp	CORD	5P WIRE ASSY 2.0MM 150MM CWB1B005150NN
TACT SW	D500		263710016400S	263710016400S	L.E.D.	SLI-325URT31W TP CVDSLI325URT31WT055
TACT SW	Q500		00MBA10001000	00MBA10001000	TRS.	KRA102M HVTKRA102MT
TACT SW	R501		nsp	nsp	RES.	1.5K OHM 1/6W J CARBON CRD20TJ152T
TACT SW	SW50	F B	90M-SP001210R	90M-SP001210R	SW	SKHV10910G TACT CST1A012ZT
TACT SW	SW50	/U1B	90M-SP001210R	90M-SP001210R	SW	SKHV10910G TACT CST1A012ZT
UNBALANCE INPUT PWB (CUP12070Y-1)						
UNBAL IN	BN12		nsp	nsp	CORD	WIRE ASSY CWE8102100RV
UNBAL IN	BN13		nsp	nsp	CORD	WIRE ASSY CWE8102100RV
UNBAL IN	C101		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C102		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C103		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C104		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C105		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C108		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C109		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C110		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C127		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C128		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C150		nsp	00MOA10702520	ELECT CAP.	100UF 25V RA-2 HCEA1ERA101T
UNBAL IN	C151		nsp	00MOA10702520	ELECT CAP.	100UF 25V RA-2 HCEA1ERA101T
UNBAL IN	C201		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C202		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C203		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C204		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C205		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C208		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C209		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C210		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
UNBAL IN	C227		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C228		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C301		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C302		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C303		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C304		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C305		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C308		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C309		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C310		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C327		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C328		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C401		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C402		943133000580S	943133000580S	FILM CAP.	220PF/100VDC POLYPROPYLENE CCMP2A221JA02T
UNBAL IN	C403		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C404		nsp	00MOA22605020	ELECT CAP.	22UF 50V RA-2 CCEA1HRA220T
UNBAL IN	C405		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C408		nsp	00MDK96104300	CER. CAP.	0.1UF 50V K CCUS1H104KC
UNBAL IN	C409		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C410		nsp	90M-OA000230R	ELECT CAP.	22UF 25V HCEA1EROA220T
UNBAL IN	C427		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	C428		nsp	00MDD95221300	CER. CAP.	220PF 50V JA CCUS1H221JA
UNBAL IN	CN20		nsp	nsp	CONN.	3P STRAIGHT CJP03GA01ZY
UNBAL IN	CN21		nsp	nsp	CONN.	9P STRAIGHT CJP09GA19ZY
UNBAL IN	CN22		nsp	nsp	CONN.	9P STRAIGHT CJP09GA19ZY
UNBAL IN	CN31		nsp	nsp	CONN.	9P STRAIGHT CJP09GA19ZY
UNBAL IN	IC10		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
UNBAL IN	IC20		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
UNBAL IN	IC30		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
UNBAL IN	IC40		00MHC10102090	00MHC10102090	IC	NJM2068MD-TE1 HVINJM2068MDTE1
UNBAL IN	J101		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J103		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J104		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J105		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J106		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J107		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J108		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J109		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J110		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J112		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J113		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J114		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J115		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J116		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J117		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J118		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J120		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J121		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J122		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J123		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J124		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J125		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J126		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J128		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J129		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J130		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J131		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J132		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J262		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J263		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J264		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J273		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J274		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J275		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	J276		nsp	nsp	CORD	SN95/PB5 0.6 C3A206
UNBAL IN	JK10		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK11		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
UNBAL IN	JK20		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK21		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK30		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK31		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK40		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	JK41		943646000840S	943646000840S	TERMINAL	CINCH 1P JACK BLACK CJJ4M056W
UNBAL IN	R101		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R102		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R103		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R104		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R105		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R106		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R107		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R108		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R109		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R110		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R201		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R202		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R203		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R204		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R205		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R206		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R207		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R208		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R209		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R210		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R301		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R302		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R303		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R304		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R305		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R306		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R307		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R308		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R309		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R310		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R401		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R402		nsp	00MNN05271610	CHIP RES.	270 OHM +-5% 1/16W CRJ10DJ271T
UNBAL IN	R403		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R404		nsp	00MNN05223610	CHIP RES.	22K OHM 1/10W J CRJ10DJ223T
UNBAL IN	R405		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R406		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R407		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R408		nsp	00MNN05101610	CHIP RES.	100 OHM 1/10W J CRJ10DJ101T
UNBAL IN	R409		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	R410		nsp	00MNN05473610	CHIP RES.	47K OHM 1/10W J CRJ10DJ473T
UNBAL IN	SW10		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW11		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW20		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW21		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW30		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW31		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW40		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z
UNBAL IN	SW41		90M-SS000710R	90M-SS000710R	SW	SLIDE SWITCH KSS2B016Z

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

14. ABOUT REPLACE THE MICROPROCESSOR WITH A NEW ONE

When replaced of the U-PRO (Microprocessor) or the Flash ROM, confirm contents of the following.

PWB Name	Pos. No.	Description	After replaced	Remark
CPU	IC40	R5F21246SNFP MM8003	C	SOFTWARE: 00M47CW499A00

After replaced

- A** : Mask ROM (With software). No need write-in of software to the microprocessor.
- B** : Flash ROM (With software). Usually, no need write-in of software. But, when the software was updated, you should be write-in of the new software to the microprocessor or flash ROM. Please check the software version.
- C** : Empty Flash ROM (Without software). You should be write-in of the software to the microprocessor or flash ROM. Refer to "Update procedure" or "writing procedure", when you should be write-in the software.

マイコン等を交換した場合の対応について

U-PRO(マイコン)およびFlash ROM等を交換した場合の対応方法を下記の記載します。

PWB Name	Pos. No.	Description	交換時の対応	備考
CPU	IC40	R5F21246SNFP MM8003	C	SOFTWARE: 00M47CW499A00

交換時の対応

- A** : Mask ROM (ソフトウェア書き込み済み) 交換時にソフトウェアの書き込みは必要ありません。
- B** : Flash ROM (ソフトウェア書き込み済み) バージョンアップにより交換時にソフトウェアの書き換えが必要な場合があります。バージョンの確認をしてください。
- C** : 空ROM (Flash ROM) 交換時必ずソフトウェアの書き込みが必要になります。Update、書き込み方法を参照してください。