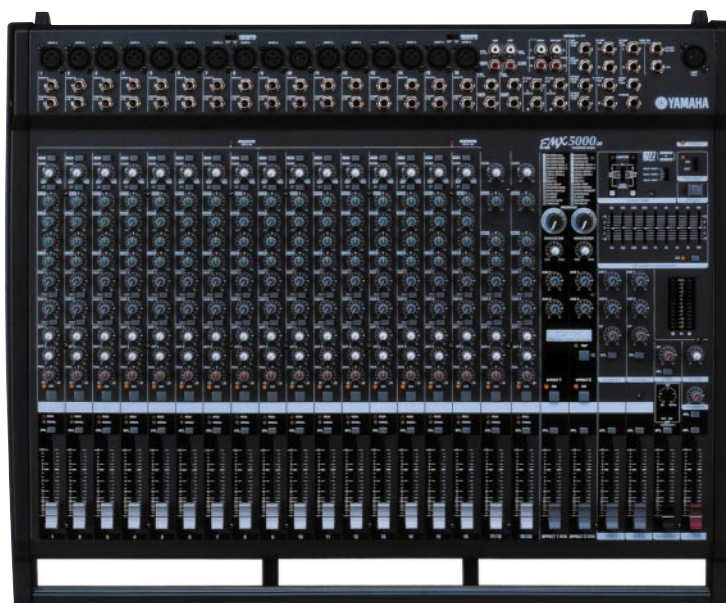


# EMX5000-12/20

## POWERED MIXER

## SERVICE MANUAL

本资料由OKXIA视听皮带资源库[www.okxia.cn](http://www.okxia.cn)提供



EMX5000-20

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This document is printed on chlorine free (ECF) paper with soy ink.

IMPOR TANT NOTICE

This manual has been provided for the use of authorized Yamaha Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically Yamaha Products, are already known and understood by the users, and have therefore not been restated.

**WARNING :** Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all Yamaha product owners that all service required should be performed by an authorized Yamaha Retailer or the appointed service representative.

**IMPORTANT :** This presentation or sale of this manual to any individual or firm does not constitute authorization certification, recognition of any applicable technical capabilities, or establish a principal-agent relationship of any form.

The data provided is belived to be accurate and applicable to the unit(s) indicated on the cover. The research engineering, and service departments of Yamaha are continually striving to improve Yamaha products. Modifications are, therefore, inevitable and changes in specification are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

**WARNING :** Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground bus in the unit (heavy gauge black wires connect to this bus.)

**IMPORTANT :** Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

WARNING: CHEMICAL CONTENT NOTICE!

The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (Where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHAT SO EVER!

Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

WARNING: THIS APPARATUS MUST BE EARTHED

IMPORTANT

THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

GREEN-AND-YELLOW : EARTH  
BLUE : NEUTRAL  
BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN and YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

\* This applies only to products distributed by YAMAHA KEMBLE MUSIC (U.K.) LTD.

■ WARNING

Components having special characteristics are marked  and must be replaced with parts having specification equal to those originally installed.



This mark urges servicemen to pay attention.

# SPECIFICATIONS

## ● General specifications

|                                                              |                                                                                                                                                                                                                  |                                                                                                                                                     |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum output power                                         | SPEAKERS: 500 W+500 W/4Ω @0.5% THD at 1 kHz<br>325 W+325 W/8Ω @0.5% THD at 1 kHz<br>BRIDGE: 1000 W/8Ω @0.5% THD at 1 kHz                                                                                         |                                                                                                                                                     |
| Frequency response                                           | 20 Hz–20 kHz +1 dB, –3 dB @1 W output into 8Ω (SPEAKERS OUT)                                                                                                                                                     |                                                                                                                                                     |
|                                                              | 20 Hz–20 kHz +1 dB, –3 dB @+4 dB output into 600Ω (ST OUT, ST SUB OUT, MONO OUT, AUX SEND, EFFECT SEND)                                                                                                          |                                                                                                                                                     |
| Total harmonic distortion                                    | Less than 0.5% @20 Hz–20 kHz, 250 W output into 4Ω (SPEAKERS OUT)<br>Less than 0.3% @20 Hz–20 kHz, +14 dB output into 600Ω (ST OUT, ST SUB OUT, MONO OUT, AUX SEND, EFFECT SEND)                                 |                                                                                                                                                     |
| Hum & noise<br>(Average, Rs=150Ω)<br>(with 20 Hz–20 kHz BPF) | –128 dB equivalent input noise, –65 dB residual output noise (SPEAKERS OUT)                                                                                                                                      |                                                                                                                                                     |
|                                                              | –95 dB residual output noise (ST OUT, ST SUB OUT, AUX SEND)                                                                                                                                                      |                                                                                                                                                     |
|                                                              | –84 dB (ST OUT, MONO OUT)                                                                                                                                                                                        | ST master/MONO master fader at nominal level and all channel On switches off and all channel fader at minimum.                                      |
|                                                              | –64 dB (68 dB S/N)<br>(ST OUT, MONO OUT)                                                                                                                                                                         | ST master fader at nominal level and one channel On switch on and one channel fader at nominal level and one channel Gain control at nominal level. |
|                                                              | –81 dB (AUX SEND)                                                                                                                                                                                                | Master fader at nominal level and all channel On switches off and all channel level control at minimum.                                             |
|                                                              | –80 dB (EFFECT SEND)                                                                                                                                                                                             | All channel level control at minimum.                                                                                                               |
| Maximum voltage gain                                         | 108 dB INPUT A/B to SPEAKERS OUT<br>84 dB INPUT A/B to ST OUT, MONO OUT<br>80 dB INPUT A/B to AUX SEND (PRE)<br>90 dB INPUT A/B to AUX SEND (POST)<br>78 dB INPUT A/B to EFFECT SEND<br>58 dB ST CH IN to ST OUT |                                                                                                                                                     |
| Crosstalk at 1 kHz                                           | 68 dB adjacent input, 68 dB input to output                                                                                                                                                                      |                                                                                                                                                     |
| Input channel equalization                                   | ±15 dB Maximum<br>HIGH 10 kHz shelving*<br>MID 250 Hz–5 kHz peaking<br>LOW 100 Hz shelving*<br>* Turn over/roll off frequency of shelving: 3 dB below maximum variable level.                                    |                                                                                                                                                     |
| ST Input channel equalization                                | ±15 dB Maximum<br>HIGH 10 kHz shelving*<br>MID 2.5 kHz peaking<br>LOW 100 Hz shelving*<br>* Turn over/roll off frequency of shelving: 3 dB below maximum variable level.                                         |                                                                                                                                                     |
| CH peak indicators                                           | Red LED on each channel lits when POST EQ signal reaches the level –3 dB below clipping.                                                                                                                         |                                                                                                                                                     |
| CH signal indicators                                         | Green LED on each channel lits when POST EQ signal reaches the level –10 dB.                                                                                                                                     |                                                                                                                                                     |
| Meters                                                       | 13 points LED meter                                                                                                                                                                                              |                                                                                                                                                     |
| Power amp select switch                                      | 500W + 500W, 300W + 300W, 100W + 100W                                                                                                                                                                            |                                                                                                                                                     |
| Limiter                                                      | Comp. : THD≥0.5% (SPEAKERS OUT)                                                                                                                                                                                  |                                                                                                                                                     |
| LIMIT indicators                                             | Turn on : THD≥0.5% (SPEAKERS OUT)                                                                                                                                                                                |                                                                                                                                                     |
| Graphic equalizer                                            | 9 bands (63, 125, 250, 500, 1k, 2k, 4k, 8k, 16k Hz), ±12 dB Maximum                                                                                                                                              |                                                                                                                                                     |
| Internal digital effect 1                                    | 16 programs, parameter control                                                                                                                                                                                   |                                                                                                                                                     |
| Internal digital effect 2                                    | 16 programs, parameter control, tap delay control, foot switch (DIGITAL EFFECT ON/OFF, TAP)                                                                                                                      |                                                                                                                                                     |
| Foot switch (FC5)                                            | Digital effect 2 mute: on/off, Tap delay                                                                                                                                                                         |                                                                                                                                                     |
| Protection circuit (Power amp)                               | POWER switch on/off mute, DC detection, TEMP (heatsink temp. ≥90°C)                                                                                                                                              |                                                                                                                                                     |
| Fan circuit                                                  | stop — low speed (50°C) — variable — high speed (70°C)                                                                                                                                                           |                                                                                                                                                     |
| Phantom power                                                | +48 V (balanced input)                                                                                                                                                                                           |                                                                                                                                                     |
| Option                                                       | FC5 (Foot switch), RK-124 (EMX5000-12)                                                                                                                                                                           |                                                                                                                                                     |
| Power requirement/<br>Power consumption                      | USA and Canada: 120 V AC 60 Hz, 400 W<br>Europe: 230 V AC 50 Hz, 550 W<br>Other: 240 V AC 50 Hz, 550 W                                                                                                           |                                                                                                                                                     |
| Dimensions (WxHxD)                                           | 682 × 158 × 538 mm (EMX5000-20) / 478 × 158 × 538 mm (EMX5000-12)                                                                                                                                                |                                                                                                                                                     |
| Weight                                                       | 19 kg (EMX5000-20) / 15 kg (EMX5000-12)                                                                                                                                                                          |                                                                                                                                                     |
| Accessories                                                  | Power cord, Owner's Manual                                                                                                                                                                                       |                                                                                                                                                     |

## ● Input specifications

| Input terminals            | Gain control | Actual load impedance | For use with nominal | Input level              |                   |                  | Connectors on mixer              |
|----------------------------|--------------|-----------------------|----------------------|--------------------------|-------------------|------------------|----------------------------------|
|                            |              |                       |                      | Sensitivity <sup>1</sup> | Nominal           | Max. before clip |                                  |
| CH INPUT A<br>(CH1–8/1–16) | –60          | 5 kΩ                  | 50–600Ω Mics         | –80 dB (0.078 mV)        | –60 dB (0.775 mV) | –40 dB (7.75 mV) | XLR-3-31 type <sup>2</sup>       |
|                            | –16          |                       |                      | –36 dB (12.3 mV)         | –16 dB (123 mV)   | +4 dB (1.23 V)   |                                  |
| CH INPUT B<br>(CH1–8/1–16) | –60          | 50 kΩ                 | 600Ω Lines           | –80 dB (0.078 mV)        | –60 dB (0.775 mV) | –40 dB (7.75 mV) | PHONE JACK<br>(TRS) <sup>2</sup> |
|                            | –16          |                       |                      | –36 dB (12.3 mV)         | –16 dB (123 mV)   | +4 dB (1.23 V)   |                                  |
| ST INPUT<br>(CH9–12/17–20) | –34          | 10 kΩ                 |                      | –54 dB (1.55 mV)         | –34 dB (15.5 mV)  | –14 dB (155 mV)  | PHONE JACK <sup>3</sup>          |
|                            | +10          |                       |                      | –10 dB (245 mV)          | +10 dB (2.45 V)   | +30 dB (24.5 V)  |                                  |
| ST SUB IN (1, 2)           |              |                       |                      | –12 dB (195 mV)          | +4 dB (1.23 V)    | +20 dB (7.75 V)  |                                  |
| 2TR IN (L, R)              |              |                       |                      | –26 dBV (50.1 mV)        | –10 dBV (316 mV)  | +10 dBV (3.16 V) | PHONO JACK <sup>3</sup>          |
| INSERT IN (CH1–8/1–16)     |              |                       |                      | –20 dB (77.5 mV)         | 0 dB (0.775 V)    | +20 dB (7.75 V)  | PHONE JACK <sup>3</sup>          |
| POWER AMP IN (A, B)        |              |                       |                      | –12 dB (195 mV)          | +4 dBV (1.23 V)   | +18 dB (6.16 V)  | PHONE JACK <sup>3</sup>          |

1. Sensitivity is the lowest level that can produce an output of +4 dB (1.23 V) or the nominal output level when the unit is set at maximum gain.

(All fader and level controls are at maximum position.)

2. Balanced. (T=HOT, R=COLD, S=GND)

3. Unbalanced.

In these specifications when dB represents a specific voltage, 0 dB is referenced to 0.775 Vrms, 0 dBV is referenced to 1 Vrms.

## ● Output specifications

| Output terminals        | Actual source impedance | For use with nominal | Output level     |                      | Connectors on mixer           |
|-------------------------|-------------------------|----------------------|------------------|----------------------|-------------------------------|
|                         |                         |                      | Nominal          | Max. before clipping |                               |
| ST OUT (L/R)            | 150Ω                    | 600Ω Lines           | +4 dB (1.23 V)   | +20 dB (7.75 V)      | PHONE JACK <sup>1</sup>       |
| ST SUB OUT (L/R)        |                         |                      |                  |                      |                               |
| MONO OUT                |                         |                      |                  |                      |                               |
| AUX SEND 1, 2           |                         |                      |                  |                      |                               |
| EFFECT SEND 1, 2        |                         |                      |                  |                      |                               |
| REC OUT (L/R)           | 600Ω                    | 10 kΩ Lines          | –10 dBV (316 mV) | +10 dBV (3.16 V)     | PHONO JACK <sup>1</sup>       |
| INSERT OUT (CH1–8/1–16) |                         |                      | 0 dB (775 mV)    | +20 dB (7.75 V)      | PHONE JACK <sup>1</sup>       |
| PHONES (L/R)            | 100Ω                    | 40Ω Lines            | 3 mW             | 75 mW                | PHONE JACK (TRS) <sup>2</sup> |
| SPEAKERS 1 (A, B)       | 0.1Ω                    | 4/8Ω Speakers        | 100 W/4Ω         | 500 W/4Ω             | SPEAKON                       |
| SPEAKERS 2 (A, B)       |                         |                      |                  |                      | PHONE JACK <sup>1</sup>       |

1. Unbalanced.

2. Impedance balanced. (T=HOT, R=COLD, S=GND)

• In these specifications when dB represents a specific voltage, 0 dB is referenced to 0.775 Vrms, 0 dBV is referenced 1 Vrms.

For European Model

Purchaser/User Information specified in EN55103-1 and EN55103-2.

Inrush Current: 70A

Conformed Environment: E1, E2, E3 and E4

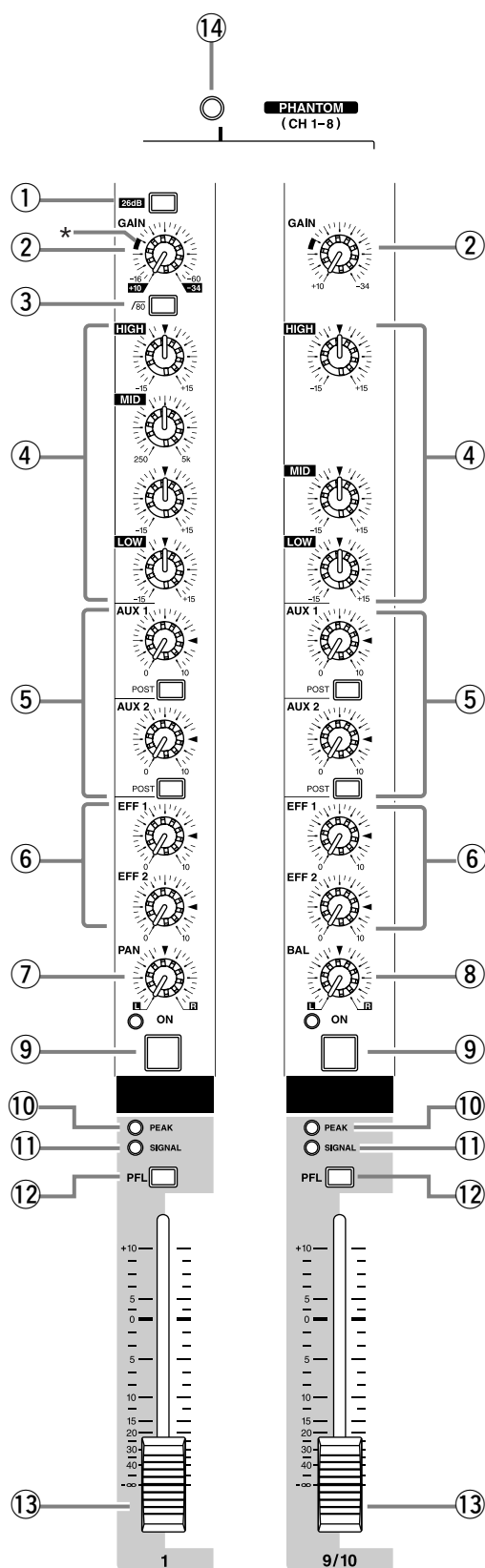




# **PANEL LAYOUT**

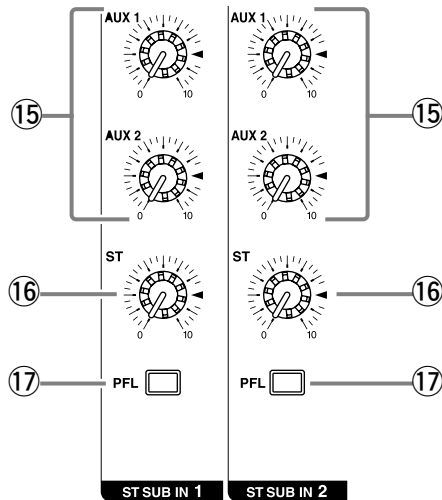
## Control Panel

### • Channel Control Section



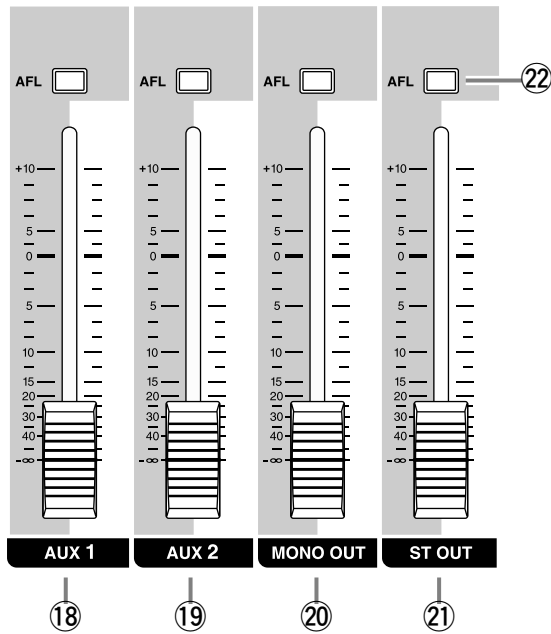
- ① 26 dB pad switch
- ② GAIN control
- ③  $\overline{80}$  (High pass filter) switch
- ④ Equalizer controls (HIGH, MID, LOW)
- ⑤ AUX1, AUX2 controls / POST switches
- ⑥ EFF 1, 2 controls (EFFECT)
- ⑦ PAN (panpot) control  
(EMX5000-20: Cannels 1-16,  
EMX5000-12: Cannels 1-8)
- ⑧ BAL (balance) control  
(EMX5000-20: Cannels 17/18-19/20,  
EMX5000-12: Cannels 9/10-11/12)
- ⑨ ON switch, indicator
- ⑩ PEAK indicator
- ⑪ SIGNAL indicator
- ⑫ PFL (pre-fader listen) switch
- ⑬ Channel fader
- ⑭ PHANTOM indicator

### • Stereo Sub Input Section



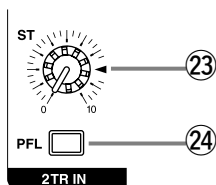
- ⑮ AUX 1, 2 controls
- ⑯ ST (stereo) control
- ⑰ PFL (pre-fader listen) switch

### • Master Control Section



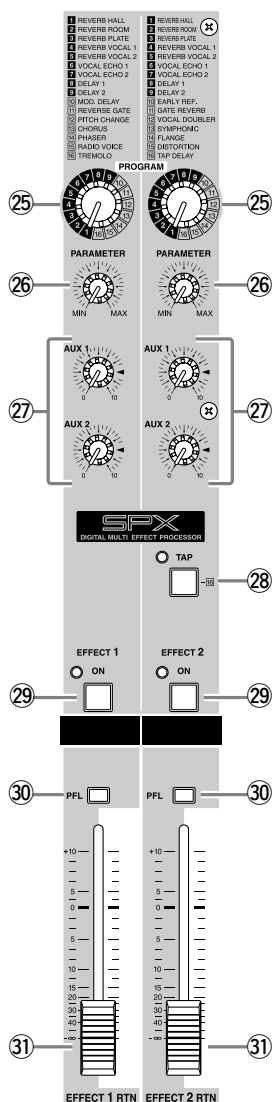
- ⑮ AUX 1 fader
- ⑯ AUX 2 fader
- ⑰ MONO OUT fader
- ⑰ ST OUT fader
- ⑰ AFL (after fader listen) switch

### • 2TR IN Section



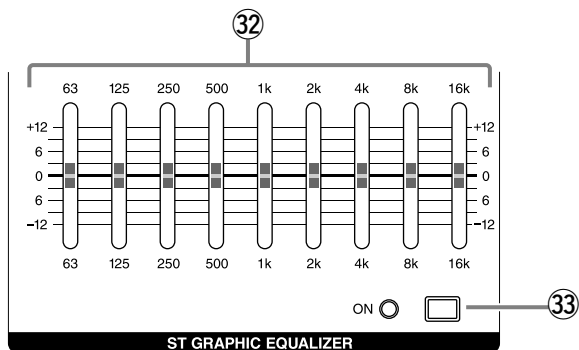
- ST (stereo) control
- PFL (pre-fader listen) switch

## • Digital effect Section



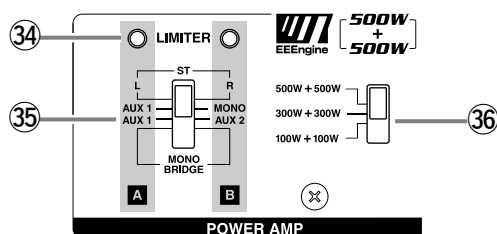
- ②⑤ PROGRAM selector
- ②⑥ PARAMETER control
- ②⑦ AUX 1/2 control
- ②⑧ TAP switch, indicator
- ②⑨ EFFECT 1/2 ON switch
- ③⑦ PFL (Pre-fader listen) switch
- ③① EFFECT 1/2 RTN fader

## • Graphic equalizer Section



- ③② Graphic equalizer
- ③③ ON switch

## • Power amp Section

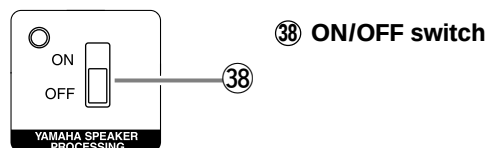


- ③④ LIMITER indicator
- ③⑤ Power amp select switch
- ③⑥ Maximum output select switch

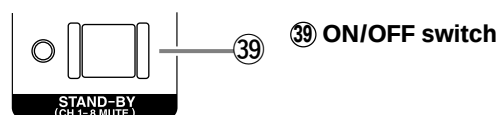
• POWER indicator



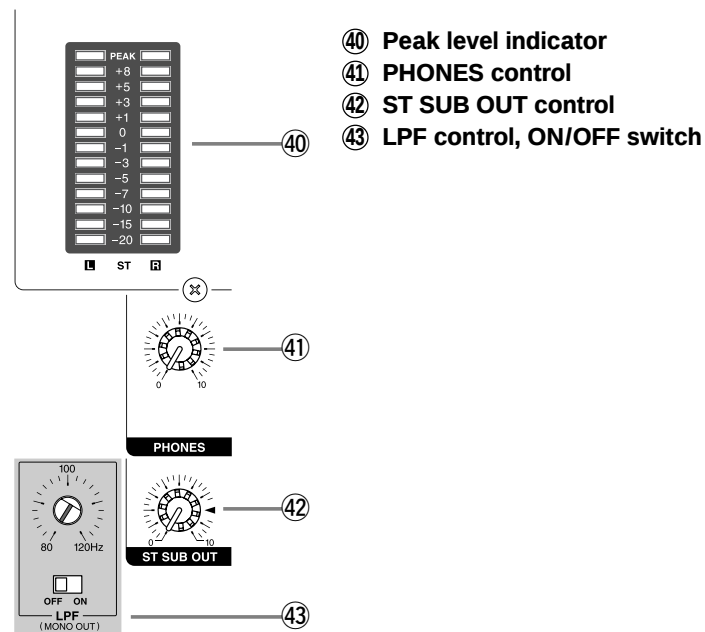
• YAMAHA SPEAKER PROCESSING



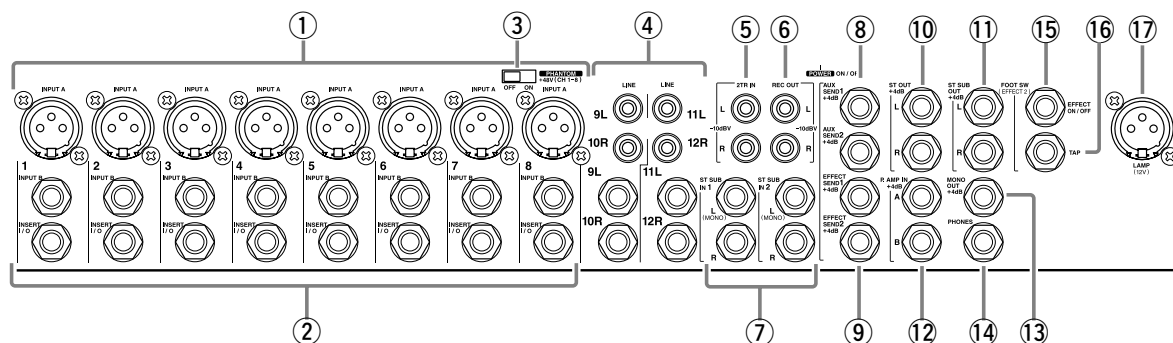
• STAND-BY



• Other indicators and controls

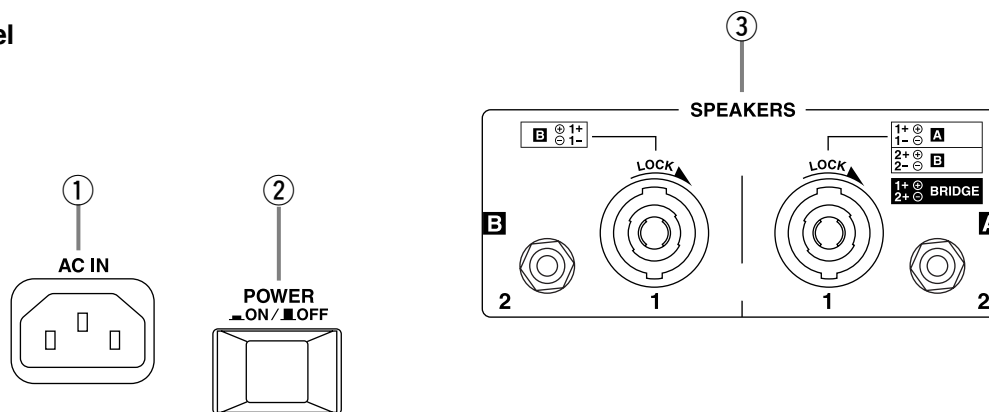


• Input/Output pabel



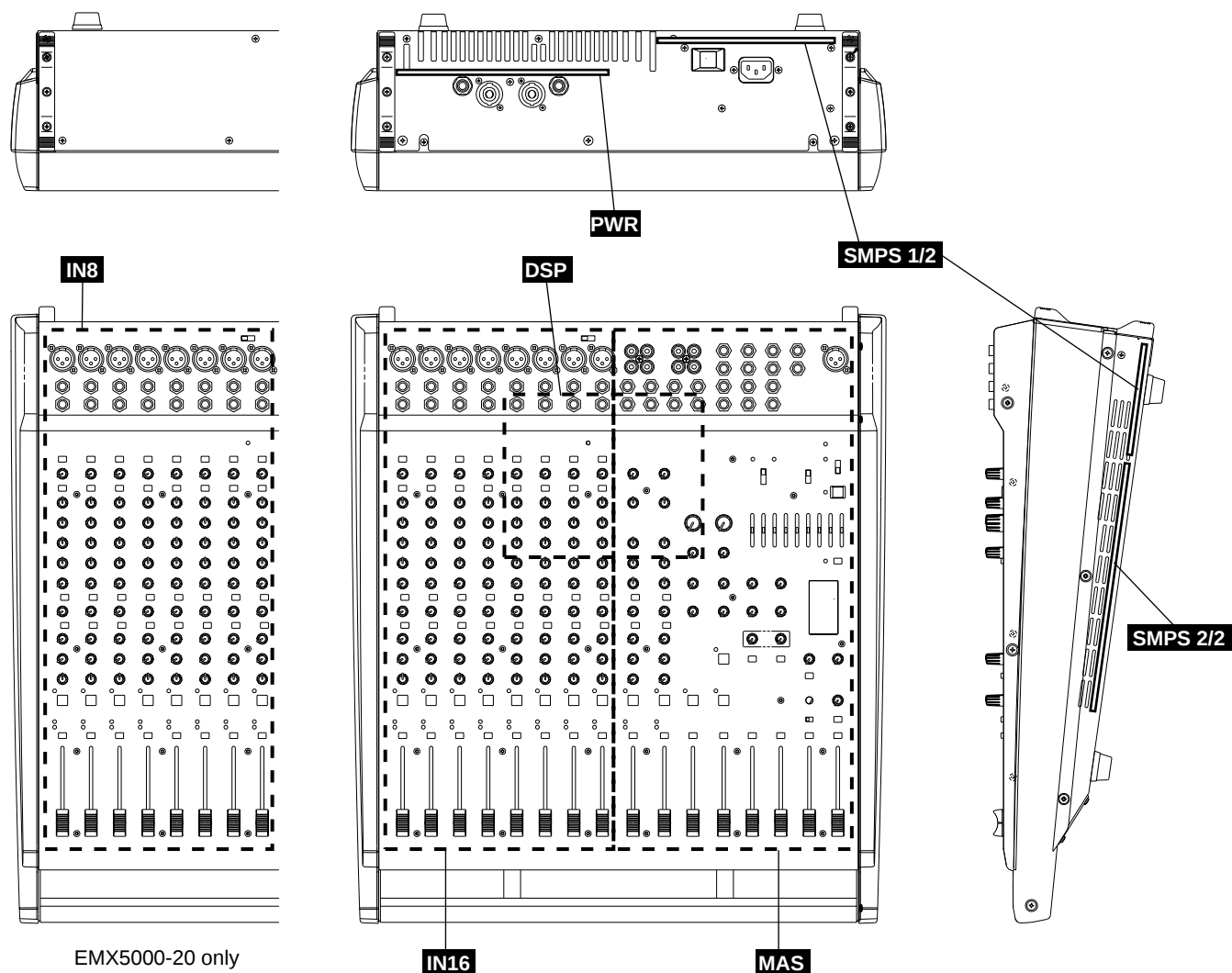
- ① Channel input jacks (INPUT A, INPUT B)  
EMX5000-20: 1-16, EMX5000-12: 1-8
- ② INSERT I/O (insert) jacks
- ③ PHANTOM switch
- ④ LINE (stereo) input jacks  
EMX5000-20: 17/18-19/20,  
EMX5000-12: 9/10-11/12
- ⑤ 2TR IN jacks
- ⑥ REC OUT jacks
- ⑦ ST SUB IN 1 (stereo sub 1) jacks  
ST SUB IN 2 (stereo sub 2) jacks
- ⑧ AUX SEND 1 jack, AUX SEND 2 jack
- ⑨ EFFECT SEND 1 jack, EFFECT SEND 2 jack
- ⑩ ST OUT jacks
- ⑪ ST SUB OUT jacks
- ⑫ P.AMP IN A, B (power amp input) jacks
- ⑬ MONO OUT jack
- ⑭ PHONES jack
- ⑮ FOOT SW EFFECT 2 ON/OFF jack
- ⑯ FOOT SW (EFFECT 2) TAP jack
- ⑰ LAMP jack

# • Rear panel



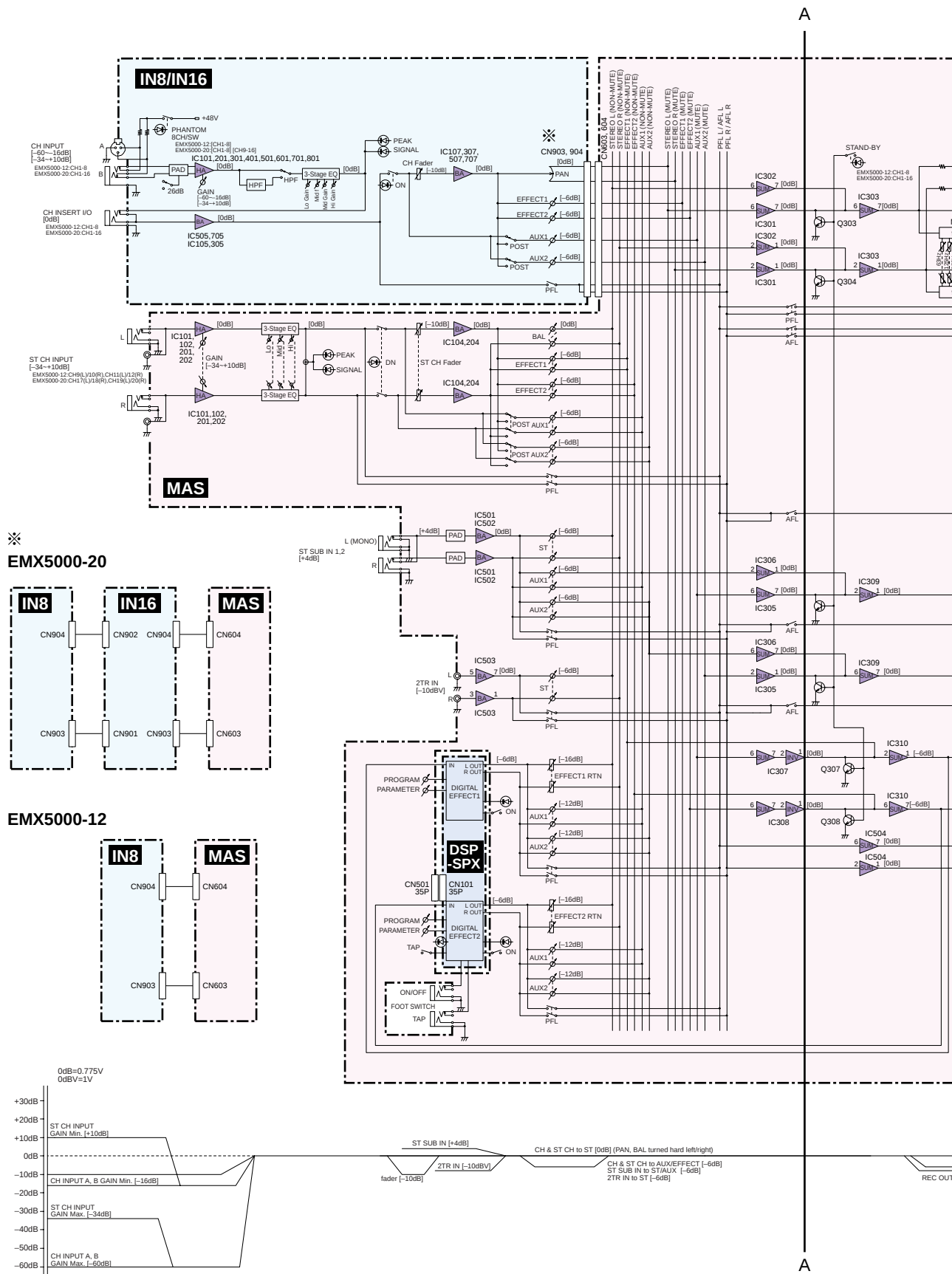
- ① AC inlet
- ② POWER switch
- ③ SPEAKERS (speaker output) jacks

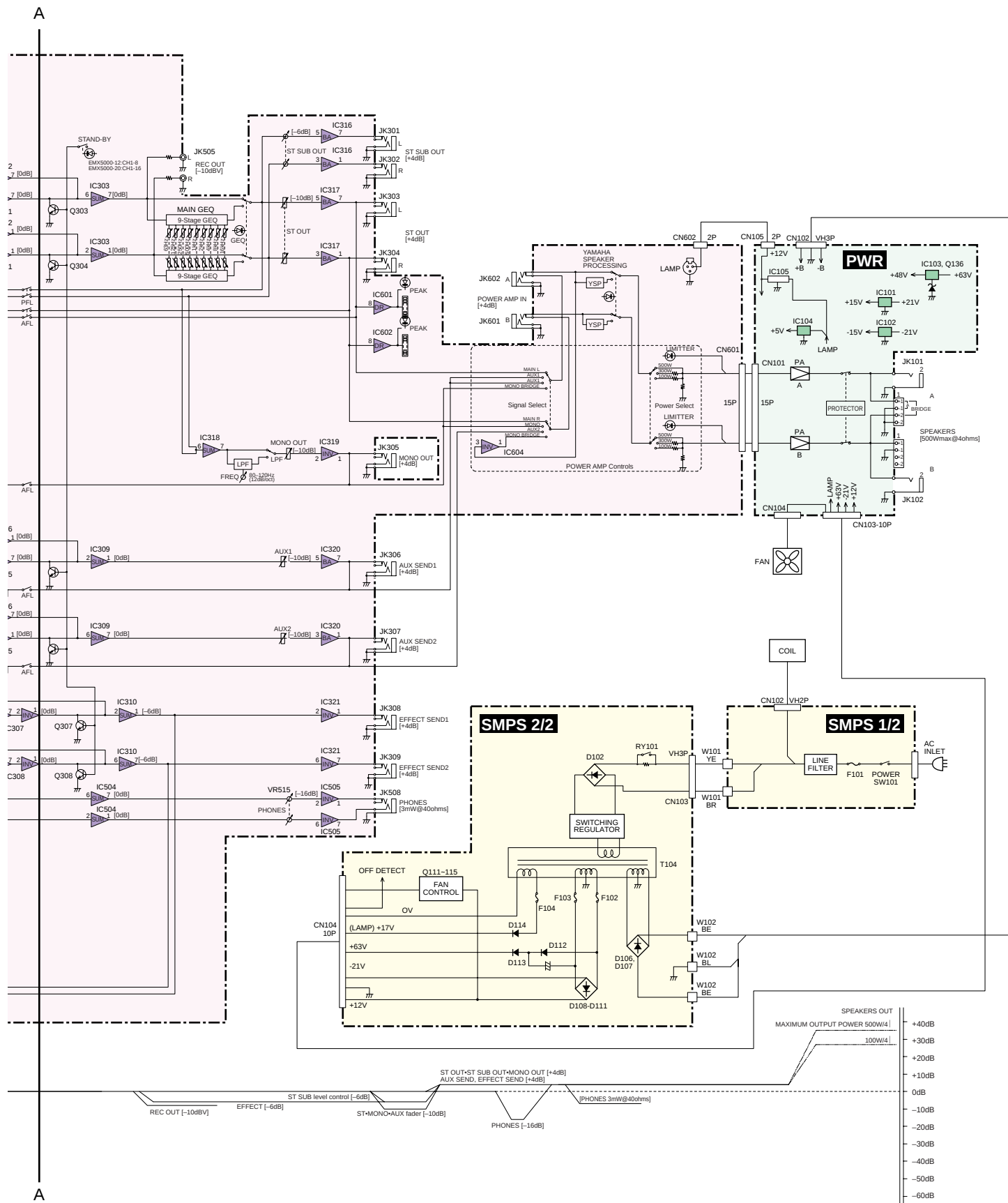
## CIRCUIT BOARD LAYOUT



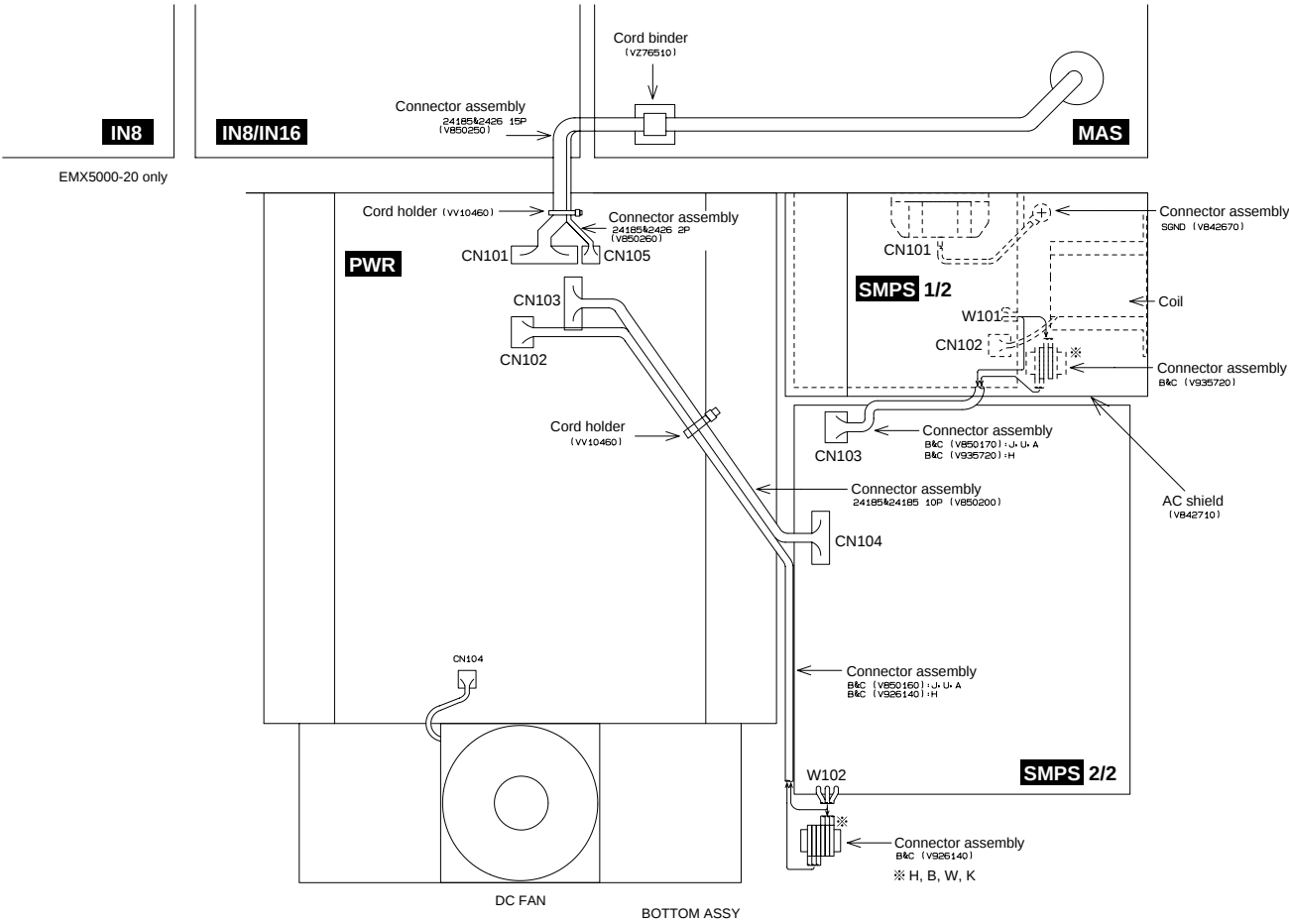
EMX5000-20 only

# BLOCK & LEVEL DIAGRAM

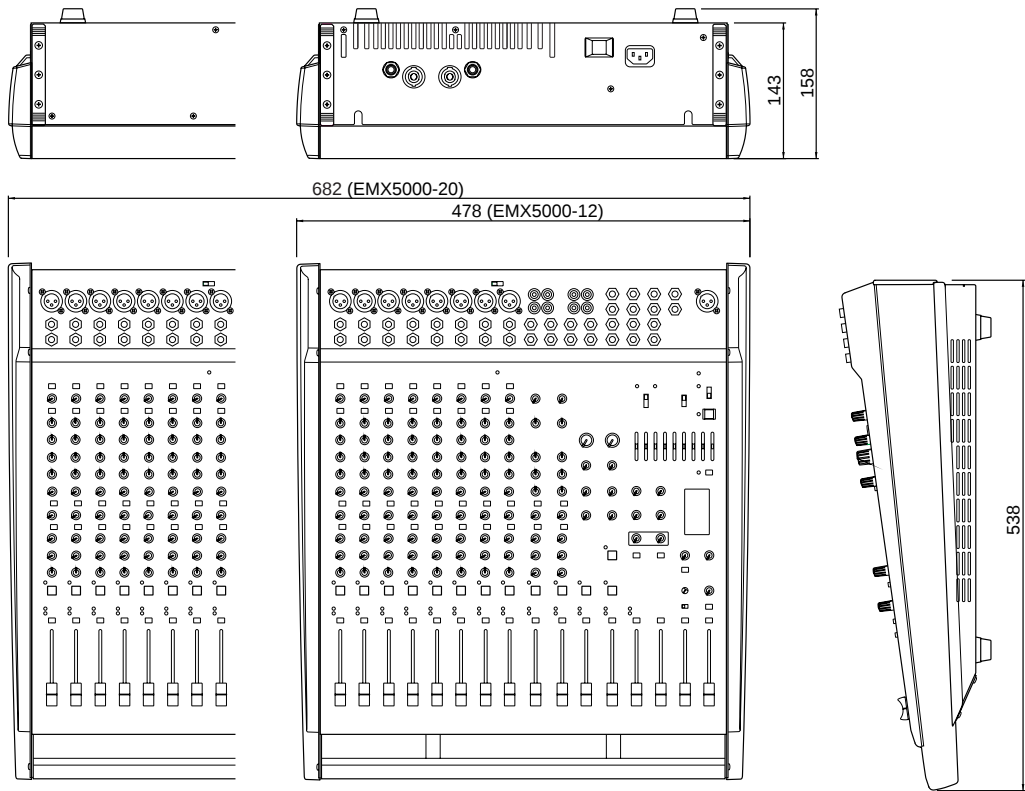




WIRING



DIMENSIONS



Units: mm

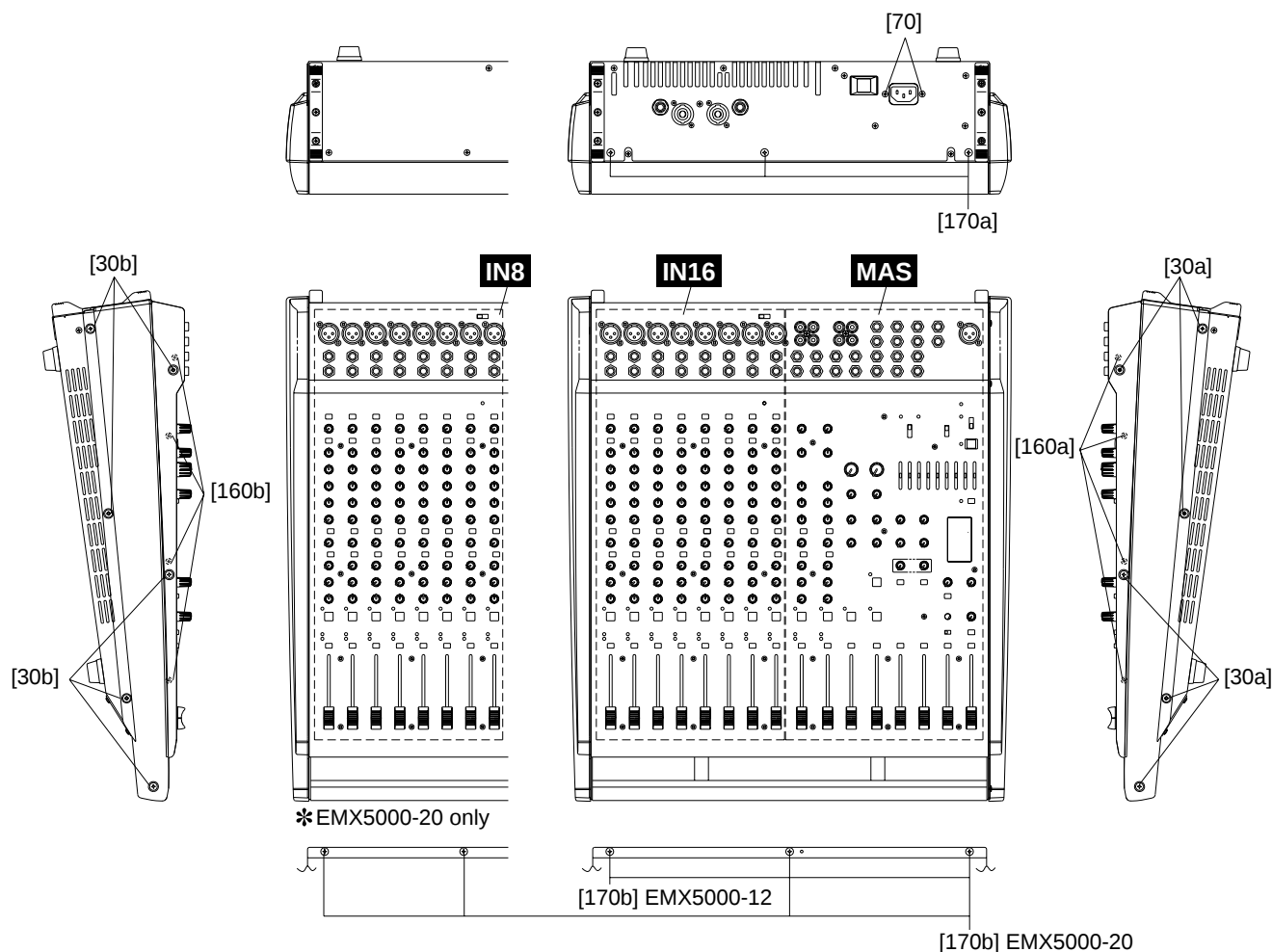
## DISASSEMBLY PROCEDURE

### 1. Panel Assembly (Time required: about 5 minutes)

- 1-1. Remove the six (6) screws marked [30a] and six (6) screws marked [30b], and then remove the side pads R and L. (Fig. 1)
- 1-2. Remove the four (4) screws marked [160a], four (4) screws marked [160b], three (3) screws marked [170a] and four (4) screws marked [170b] (three (3) for EMX5000-12), Then lift the front end of the panel assembly, turn it about 45° and remove the panel assembly by releasing it from the claws on its side. (Fig. 1)



This mark urges servicemen to pay attention.



- [30]: Bind Head Tapping Screw-B 4.0X8 MFZN2BL (EG340190)  
 [70]: Bind Head Tapping Screw-B 3.0X12 MFZN2BL (VQ074600)  
 [160]: Bind Head Tapping Screw-B 3.0X6 MFZN2BL (EP600230)  
 [170]: Bonding Tapping Screw-B 4.0X8 MFZN2BL (VR779900)

Fig.1

**2. Coil (Time required: about 6 minutes)**

- 2-1. Remove the panel assembly. (See Procedure 1.)
- 2-2. After removing the two (2) screws marked [B250], remove the harness and then the coil. (Fig. 2)

**3. DC fan (Time required: about 7 minutes)**

- 3-1. Remove the panel assembly. (See Procedure 1.)
- 3-2. Remove the two (2) screws marked [B120] and connector. The DC fan can then be removed. (Fig. 2)

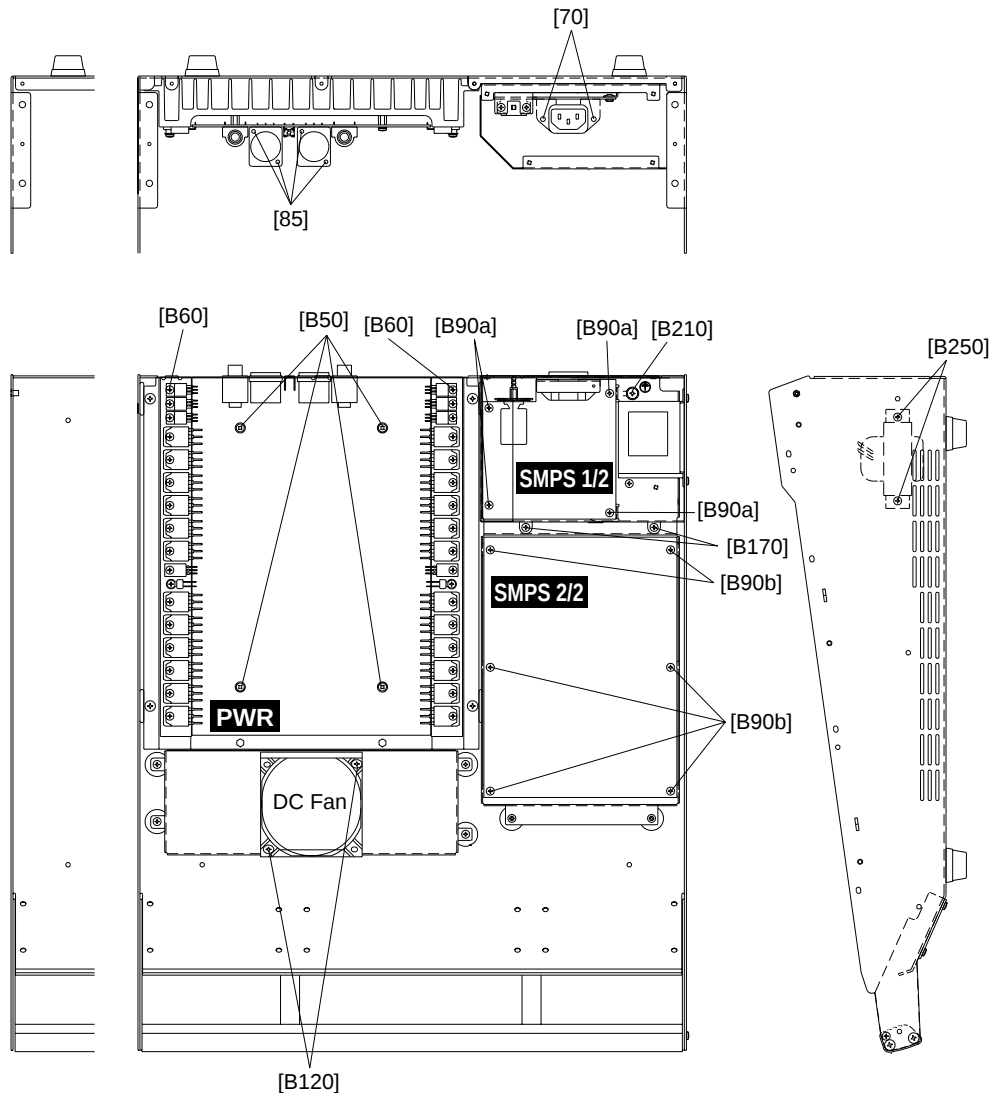


Fig.2

- [B50]: Bind Head Screw SP 3.0X8 MFZN2Y (EG330290)
- [B60]: Pan Head Screw SPK 3.0X12 MFZN2Y (VJ470900)
- [70]: Bind Head Tapping Screw-B 3.0X12 MFZN2BL (VQ074600)
- [B90]: Bind Head Tapping Screw-B 3.0X6 MFZN2BL (EP600230)
- [B120]: Bind Head Tapping Screw-B 4.0X10 MFZN2BL (EP600240)
- [B170]: Bind Head Tapping Screw-B 3.0X6 MFZN2BL (EP600230)
- [B210]: Bind Head Screw A4.0X6 MFZN2BL (EG340290)
- [B250]: Bind Head Tapping Screw-B 3.0X6 MFZN2BL (EP600230)

**4. DSP Circuit Board****(Time required: about 12 minutes)**

- 4-1. Remove the panel assembly. (See Procedure 1.)
- 4-2. Remove the four (4) DSP circuit board fixing screws marked [P220], disconnect the card wire connected to the connector. The DSP circuit board can then be removed. (Fig. 3)

**5. MAS Circuit Board****(Time required: about 30 minutes)**

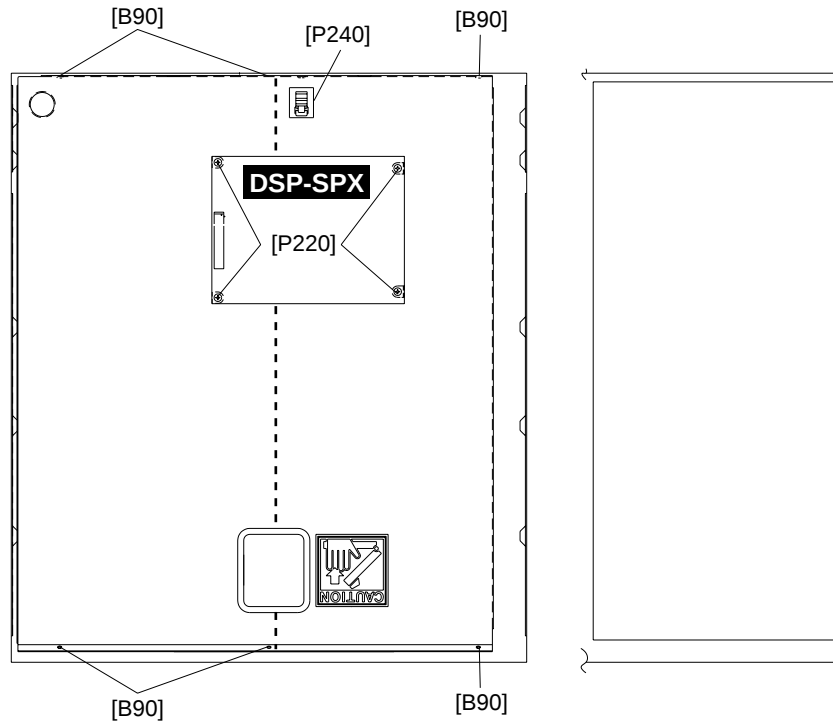
- 5-1. Remove the panel assembly. (See Procedure 1.)
- 5-2. Remove the DSP circuit board. (See Procedure 4.)
- 5-3. Disconnect the two (2) harnesses connected to the connector assembly fixture marked [P240] on the main shield plate and remove the six (6) screws marked [B90]. The main shield plate can then be removed. (Fig. 3)
- 5-4. Remove the two (2) LAMP holder fixing screws marked [P70a], two (2) pin connector fixing screws marked [P70b], twenty-two (22) horn connector fixing hexagonal nuts, knobs (thirty-three (33) big ones, two (29 small ones and eight (8) fader knobs) and eleven (11) hexagon socket head screws marked [P60a] and three (3) hexagon socket head screws marked [P38a]. The MAS circuit board can then be removed. (Fig. 4)

**6. IN8/IN16 Circuit Board: CH1-8 / EMX5000-12, CH9-18 / EMX5000-20 (Time required: about 40 minutes)**

- 6-1. Remove the panel assembly. (See Procedure 1.)
- 6-2. Remove the DSP circuit board. (See Procedure 4.)
- 6-3. Remove the main shield plate. (See Procedure 5-3.)
- 6-4. Remove the sixteen (16) cannon connector fixing screws marked [P70c], sixteen (16) horn connector fixing hexagonal nuts, knobs (eighty (80) small ones and eight (8) fader knobs) and nine (9) hexagon socket head screws marked [P60b] and three (3) hexagon socket head screws marked [P38b]. The IN8/IN16 circuit board can then be removed. (Fig. 4)

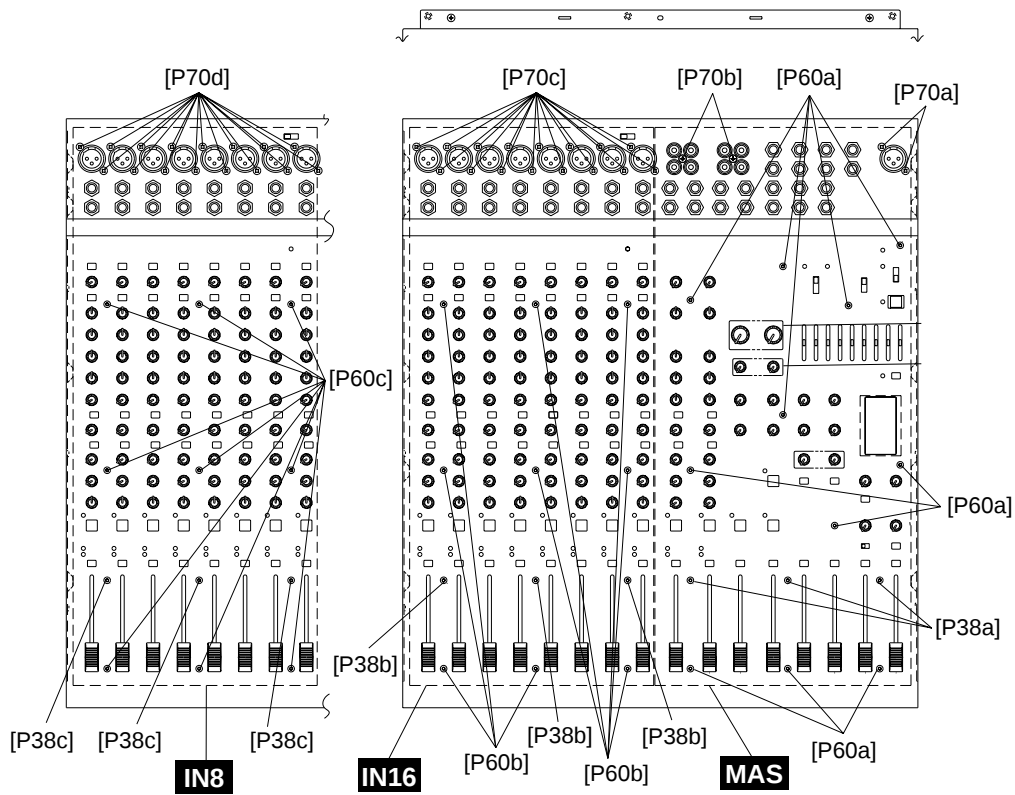
**7. IN8 Circuit Board: CH1-9 / EMX5000-20****(Time required: about 35 minutes)**

- 7-1. Remove the panel assembly. (See Procedure 1.)
- 7-2. Remove the sixteen (16) cannon connector fixing screws marked [P70d], sixteen (16) horn connector fixing hexagonal nuts, knobs (eighty (80) small ones and eight (8) fader knobs) and nine (9) hexagon socket head screws marked [60c] and three (3) hexagon socket head screws marked [P38c]. The IN8 circuit board can then be removed. (Fig. 4)



**[B90]: Bind Head Tapping Screw-B 3.0X6 MFZN2BL (EP600230)**

Fig.3



**[P38]: Screw 3X6 MFZNBL (V9156000)**

[P60]: Screw 3X25 MFZNBL (V3289800)

**[P70]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)**

Fig.4

**8. PWR Circuit Board****(Time required: about 30 minutes)**

- 8-1. Remove the panel assembly. (See Procedure 1.)
- 8-2. Remove the thirty-four (34) transistor fixing screws marked [B60], four (4) PWR circuit board fixing screws marked [B50] from the PWR assembly, four (4) screws marked [85] and two (2) hexagonal nuts from the rear panel. The PWR circuit board can then be removed. (Fig. 2)

**9. SMPS 1/2 Circuit Board****(Time required: about 15 minutes)**

- 9-1. Remove the panel assembly. (See Procedure 1.)
- 9-2. Remove the two (2) AC shield fixing screws marked [B170] and two (2) AC IN socket fixing screws marked [70] from the rear panel. The AC shield can then be removed.
- 9-3. Remove the four (4) SMPS 1/2 circuit board fixing screws marked [B90a] and one (1) ground cable fixing screw marked [B210]. (Fig. 2)
- 9-4. Remove the PSW knob from the rear panel and PSW escussion (using full care not to break the claw of the PSW escussion). The SMPS 1/2 circuit board can then be removed. (Fig. 2)

**10. SMPS 2/2 Circuit Board****(Time required: about 7 minutes)**

- 10-1. Remove the panel assembly. (See Procedure 1.)
- 10-2. Remove the six (6) SMPS 2/2 circuit board fixing screws marked [B90b], harness connected to the PWR circuit board and two (2) harnesses from the SMPS 1/2 circuit board. The SMPS 2/2 circuit board can then be removed. (Fig. 2)

# LSI PIN DESCRIPTION

## ● YSS910-S (XV988A00) DSP6 (Digital Signal Processor)

DSP-SPX: IC112

| PIN NO. | NAME    | I/O | FUNCTION                                          | PIN NO. | NAME      | I/O | FUNCTION                                              |
|---------|---------|-----|---------------------------------------------------|---------|-----------|-----|-------------------------------------------------------|
| 1       | Vdd     |     | Power supply (3.3 V)                              | 89      | Vss       |     | Ground                                                |
| 2       | Vss     |     | Ground                                            | 90      | DB13      | I/O | Parallel data bus                                     |
| 3       | XI      | I   | System master clock input (60 MHz or 30 MHz)      | 91      | DB14      | I/O |                                                       |
| 4       | XO      | O   | System master clock output (High or 30 MHz)       | 92      | DB15      | I/O |                                                       |
| 5       | Vdd     |     | Power supply (5 V)                                | 93      | DB16      | I/O |                                                       |
| 6       | /SYNCl  | I   | Sync. signal input                                | 94      | DB17      | I/O |                                                       |
| 7       | /SYNCO  | O   | Sync. signal output                               | 95      | DB18      | I/O | Parallel data bus                                     |
| 8       | Vdd     |     | Power supply (5 V)                                | 96      | DB19      | I/O |                                                       |
| 9       | CKI     | I   | System clock input (30 MHz)                       | 97      | DB20      | I/O |                                                       |
| 10      | CKO     | O   | System clock output (30 MHz)                      | 98      | DB21      | I/O |                                                       |
| 11      | CKSEL   | I   | System master clock select (0: 60 MHz, 1: 30 MHz) | 99      | DB22      | I/O |                                                       |
| 12      | Vss     |     | Ground                                            | 100     | Vss       |     | Ground                                                |
| 13      | MCKS    | I   | Serial I/O master clock input (128 x Fs)          | 101     | Vdd       |     | Power supply (3.3 V)                                  |
| 14      | /SSYNCl | I   | Serial I/O Sync. signal input                     | 102     | DB23      | I/O | Parallel data bus                                     |
| 15      | /IC     | I   | Initial clear                                     | 103     | DB24      | I/O |                                                       |
| 16      | /TEST   | I   | Test mode setting (0: Test, 1: Normal)            | 104     | DB25      | I/O |                                                       |
| 17      | BTYP    | I   | Data bus type select (0: 8 bit, 1: 16 bit)        | 105     | DB26      | I/O |                                                       |
| 18      | /IRQ    | O   | IRQ output                                        | 106     | DB27      | I/O |                                                       |
| 19      | TRIG    | I/O | Trigger signal input/output                       | 107     | DB28      | I/O | Parallel data bus                                     |
| 20      | Vdd     |     | Power supply (5 V)                                | 108     | DB29      | I/O |                                                       |
| 21      | Vss     |     | Ground                                            | 109     | DB30      | I/O |                                                       |
| 22      | /CS     | I   | chip select signal input                          | 110     | DB31      | I/O |                                                       |
| 23      | /WR     | I   | Write signal input                                | 111     | TIMO/DBOB | I/O | Timing signal output/ Parallel data bus output/ input |
| 24      | /RD     | I   | Read signal input                                 | 112     | Vss       |     | Ground                                                |
| 25      | CA7     | I/O | Address bus of internal register                  | 113     | Vdd       |     | Power supply (5 V)                                    |
| 26      | CA6     | I/O |                                                   | 114     | DA00      | I/O | Memory data bus                                       |
| 27      | CA5     | I/O |                                                   | 115     | DA01      | I/O |                                                       |
| 28      | CA4     | I/O |                                                   | 116     | DA02      | I/O |                                                       |
| 29      | CA3     | I/O |                                                   | 117     | DA03      | I/O |                                                       |
| 30      | CA2     | I/O | Data bus of internal register                     | 118     | DA04      | I/O | Memory data bus                                       |
| 31      | CA1     | I/O |                                                   | 119     | DA05      | I/O |                                                       |
| 32      | Vss     |     | Ground                                            | 120     | DA06      | I/O |                                                       |
| 33      | Vdd     |     | Power supply (3.3 V)                              | 121     | DA07      | I/O |                                                       |
| 34      | CD15    | I/O | Data bus of internal register                     | 122     | Vss       |     | Ground                                                |
| 35      | CD14    | I/O |                                                   | 123     | DA08      | I/O | Memory data bus                                       |
| 36      | CD13    | I/O |                                                   | 124     | DA09      | I/O |                                                       |
| 37      | CD12    | I/O |                                                   | 125     | DA10      | I/O |                                                       |
| 38      | CD11    | I/O |                                                   | 126     | DA11      | I/O |                                                       |
| 39      | CD10    | I/O | Data bus of internal register                     | 127     | DA12      | I/O | Memory data bus                                       |
| 40      | CD09    | I/O |                                                   | 128     | DA13      | I/O |                                                       |
| 41      | CD08    | I/O |                                                   | 129     | DA14      | I/O |                                                       |
| 42      | CD07    | I/O |                                                   | 130     | DA15      | I/O |                                                       |
| 43      | CD06    | I/O |                                                   | 131     | Vss       |     | Ground                                                |
| 44      | Vss     |     | Ground                                            | 132     | Vdd       |     | Power supply (3.3 V)                                  |
| 45      | Vdd     |     | Power supply (3.3 V)                              | 133     | (n.c)     |     | Not used                                              |
| 46      | Vdd     |     | Power supply (5 V)                                | 134     | Vdd       |     | Power supply (5 V)                                    |
| 47      | CD05    | I/O | Data bus of internal register                     | 135     | DA16      | I/O | Memory data bus                                       |
| 48      | CD04    | I/O |                                                   | 136     | DA17      | I/O |                                                       |
| 49      | CD03    | I/O |                                                   | 137     | DA18      | I/O |                                                       |
| 50      | CD02    | I/O |                                                   | 138     | DA19      | I/O |                                                       |
| 51      | CD01    | I/O |                                                   | 139     | DA20      | I/O |                                                       |
| 52      | CD00    | I/O | WAIT output                                       | 140     | DA21      | I/O | Memory data bus                                       |
| 53      | /WAIT   | O   |                                                   | 141     | DA22      | I/O |                                                       |
| 54      | Vss     |     |                                                   | 142     | DA23      | I/O |                                                       |
| 55      | SI0     | I   |                                                   | 143     | Vss       |     | Ground                                                |
| 56      | SI1     | I   |                                                   | 144     | DA24      | I/O | Memory data bus                                       |
| 57      | SI2     | I   | Serial data input                                 | 145     | DA25      | I/O |                                                       |
| 58      | SI3     | I   |                                                   | 146     | DA26      | I/O |                                                       |
| 59      | SI4     | I   |                                                   | 147     | DA27      | I/O |                                                       |
| 60      | SI5     | I   |                                                   | 148     | DA28      | I/O |                                                       |
| 61      | SI6     | I   | Ground                                            | 149     | DA29      | I/O | Memory data bus                                       |
| 62      | SI7     | I   |                                                   | 150     | DA30      | I/O |                                                       |
| 63      | Vss     |     |                                                   | 151     | DA31      | I/O |                                                       |
| 64      | Vdd     |     | Power supply (5 V)                                | 152     | Vdd       |     | Power supply (5 V)                                    |
| 65      | SO0     | O   | Serial data output                                | 153     | Vss       |     | Ground                                                |
| 66      | SO1     | O   |                                                   | 154     | A00       | O   | Memory address (SRAM, PSRAM, DRAM)                    |
| 67      | SO2     | O   |                                                   | 155     | A01       | O   |                                                       |
| 68      | SO3     | O   |                                                   | 156     | A02       | O   |                                                       |
| 69      | SO4     | O   |                                                   | 157     | A03       | O   |                                                       |
| 70      | SO5     | O   | Ground                                            | 158     | A04       | O   | Memory address (SRAM, PSRAM)                          |
| 71      | SO6     | O   |                                                   | 159     | A05       | O   |                                                       |
| 72      | SO7     | O   |                                                   | 160     | A06       | O   |                                                       |
| 73      | Vss     |     |                                                   | 161     | A07       | O   |                                                       |
| 74      | DB00    | I/O |                                                   | 162     | A08       | O   |                                                       |
| 75      | DB01    | I/O | Parallel data bus                                 | 163     | A09       | O   | Memory address (SRAM, PSRAM)                          |
| 76      | DB02    | I/O |                                                   | 164     | Vss       |     |                                                       |
| 77      | DB03    | I/O |                                                   | 165     | Vdd       |     |                                                       |
| 78      | DB04    | I/O |                                                   | 166     | A10       | O   |                                                       |
| 79      | DB05    | I/O |                                                   | 167     | A11       | O   | Memory address (SRAM, PSRAM, DRAM)                    |
| 80      | DB06    | I/O | Parallel data bus                                 | 168     | A12       | O   |                                                       |
| 81      | DB07    | I/O |                                                   | 169     | A13       | O   |                                                       |
| 82      | DB08    | I/O |                                                   | 170     | A14       | O   |                                                       |
| 83      | DB09    | I/O |                                                   | 171     | A15/RAS   | O   |                                                       |
| 84      | DB10    | I/O | Power supply (5 V)                                | 172     | A16/CAS   | O   | Memory address (SRAM, PSRAM, DRAM)                    |
| 85      | DB11    | I/O |                                                   | 173     | A17/CE    | O   |                                                       |
| 86      | DB12    | I/O |                                                   | 174     | /WE       | O   |                                                       |
| 87      | Vdd     |     |                                                   | 175     | /OE       | O   |                                                       |
| 88      | Vdd     |     | Power supply (3.3 V)                              | 176     | Vdd       |     | Power supply (5 V)                                    |

**• YM3436DK (XG948E0) DIR2 (Digital Format Interface Receiver)**

DSP-SPX: IC103

| PIN NO. | NAME | I/O | FUNCTION                                              | PIN NO. | NAME | I/O | FUNCTION                                           |
|---------|------|-----|-------------------------------------------------------|---------|------|-----|----------------------------------------------------|
| 1       | DAUX | I   | Auxiliary input for audio data                        | 23      | RSTN | I   | System reset input                                 |
| 2       | HDLT | O   | Asynchronous buffer operation flag                    | 24      | Vdda |     | VCO section power (+5V)                            |
| 3       | DOUT | O   | Audio data output                                     | 25      | CTLN | I   | VCO control input N                                |
| 4       | VFL  | O   | Parity flag output                                    | 26      | PCO  | O   | PLL phase comparison output                        |
| 5       | OPT  | O   | Fs x 1 Synchronous output signal for DAC              | 27      | (NC) |     |                                                    |
| 6       | SYNC | O   | Fs x 1 Synchronous output signal for DSP              | 28      | CTLP | I   | VCO control input P                                |
| 7       | MCC  | O   | Fs x 64 Bit clock output                              | 29      | Vssa |     | VCO section power (GND)                            |
| 8       | WC   | O   | Fs x 1 Word clock output                              | 30      | TSTN | I   | Test terminal. Open for normal use                 |
| 9       | MCB  | O   | Fs x 128 Bit clock output                             | 31      | KM2  | I   | Clock mode switching input 2                       |
| 10      | MCA  | O   | Fs x 256 Bit clock output                             | 32      | KM0  | I   | Clock mode switching input 0                       |
| 11      | SKSY | I   | Clock synchronization control input                   | 33      | FS1  | O   | Channel status sampling frequency display output 1 |
| 12      | XI   | I   | Crystal oscillator connection or external clock input | 34      | FS0  | O   | Channel status sampling frequency display output 0 |
| 13      | XO   | O   | Crystal oscillator connection                         | 35      | CSM  | I   | Channel status output method selection             |
| 14      | P256 | O   | VCO oscillating clock connection                      | 36      | EXTW | I   | External synchronous auxiliary input word clock    |
| 15      | LOCK | O   | PLL lock flag                                         | 37      | DDIN | I   | EIAJ (AES/EBU) data input                          |
| 16      | Vss  |     | Logic section power (GND)                             | 38      | LR   | O   | PLL word clock output                              |
| 17      | TC   | O   | PLL time constant switching output                    | 39      | Vdd  |     | Logic section power (+5 V)                         |
| 18      | DIM1 | I   | Data input mode selection                             | 40      | ERR  | O   | Data error flag output                             |
| 19      | DIM0 | I   | Data input mode selection                             | 41      | EMP  | O   | Channel status emphasis control code output        |
| 20      | DOM1 | I   | Data output mode selection                            | 42      | CD0  | O   | 3-wire type microcomputer interface data output    |
| 21      | DOM0 | I   | Data output mode selection                            | 43      | CCK  | I   | 3-wire type microcomputer interface clock input    |
| 22      | KM1  | I   | Clock mode switching input 1                          | 44      | CLD  | I   | 3-wire type microcomputer interface load input     |

**• AK4522VF-E2 (XW008A00) CODEC (CMOS A/D & D/A Converter)**

DSP-SPX: IC108, IC308

| PIN NO. | NAME  | I/O | FUNCTION                                                                                                                               | PIN NO. | NAME  | I/O | FUNCTION                                                                                                            |
|---------|-------|-----|----------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----|---------------------------------------------------------------------------------------------------------------------|
| 1       | VREFH | I   | Positive voltage reference input , VA<br>Used as a positive voltage reference by ADC & DAC, VREFH is conned externally to filtered VA. | 13      | SDTO  | O   | Audio serial data output                                                                                            |
| 2       | AINR+ | I   | Rch analog positive input                                                                                                              | 14      | SMUTE | I   | Soft mute<br>When this pin goes "H", soft mute cycle is initiated.<br>When returning "L", the output mute releases. |
| 3       | AINR- | I   | Rch analog negative input                                                                                                              | 15      | DEM0  | I   | } De-emphasis frequency select                                                                                      |
| 4       | AINL+ | I   | Lch analog positive input                                                                                                              | 16      | DEM1  | I   |                                                                                                                     |
| 5       | AINL- | I   | Lch analog negative input                                                                                                              | 17      | MCKI  | I   | Master clock Input/X'tal input                                                                                      |
| 6       | VA    | -   | Analog power supply                                                                                                                    | 18      | VD    | -   | Digital power supply                                                                                                |
| 7       | AGND  | -   | Analog ground                                                                                                                          | 19      | DGND  | -   | Digital ground                                                                                                      |
| 8       | DIF0  | I   | } Audio data interface format                                                                                                          | 20      | /PD   | I   | Reset                                                                                                               |
| 9       | DIF1  | I   |                                                                                                                                        | 21      | CMODE | I   | Master clock select (Internal biased pin)<br>"H": 384fs, "L": 256fs, "NS": 512fs                                    |
| 10      | LRCK  | I   | Input/Output channel clock                                                                                                             | 22      | AOCTL | O   | Lch analog output                                                                                                   |
| 11      | SCLK  | I   | Audio serial data clock                                                                                                                | 23      | AOCTR | O   | Rch analog output                                                                                                   |
| 12      | SDTI  | I   | Audio serial data input                                                                                                                | 24      | VCOM  | O   | Common voltage output , VA/2                                                                                        |

• M30622MCA-XXXFP (X2416A00) CPU

DSP-SPX: IC109

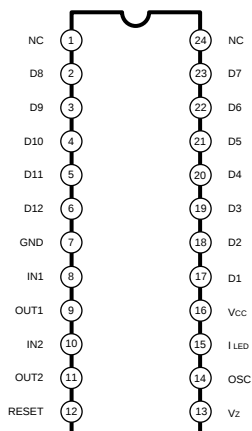
| PIN NO. | NAME                          | I/O   | FUNCTION                                                                                                  | PIN NO. | NAME                  | I/O   | FUNCTION                                                                                                                                        |
|---------|-------------------------------|-------|-----------------------------------------------------------------------------------------------------------|---------|-----------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | P96/                          | I/O   | This is an 8-bits I/O port.                                                                               | 48      | P46/ $\overline{CS2}$ | I/O/O | This is an 8-bits I/O port.                                                                                                                     |
| 2       | P95/                          | I/O   |                                                                                                           | 49      | P45/ $\overline{CS1}$ | I/O/O |                                                                                                                                                 |
| 3       | P94/                          | I/O   |                                                                                                           | 50      | P44/ $\overline{CS0}$ | I/O/O |                                                                                                                                                 |
| 4       | P93/                          | I/O   |                                                                                                           | 51      | P43/A19               | I/O/O |                                                                                                                                                 |
| 5       | P92/                          | I/O   |                                                                                                           | 52      | P42/A18               | I/O/O |                                                                                                                                                 |
| 6       | P91/                          | I/O   |                                                                                                           | 53      | P41/A17               | I/O/O |                                                                                                                                                 |
| 7       | P90/                          | I/O   |                                                                                                           | 54      | P40/A16               | I/O/O |                                                                                                                                                 |
| 8       | BYTE                          | I     | External data bus width select input.                                                                     | 55      | P37/A15               | I/O/O | Power supply 2.7V to 5.5V.<br>This is an 8-bits I/O port.<br>Power supply 0V.                                                                   |
| 9       | CNVss                         | I     | CNVss                                                                                                     | 56      | P36/A14               | I/O/O |                                                                                                                                                 |
| 10      | P87/XCIN                      | I/O   | This is set using software to function as the I/O pins for a sub clock generation circuit.                | 57      | P35/A13               | I/O/O |                                                                                                                                                 |
| 11      | P86/XCOUT                     | I/O   | This is set using software to function as the I/O pins for a sub clock generation circuit.                | 58      | P34/A12               | I/O/O |                                                                                                                                                 |
| 12      | $\overline{RESET}$            | I     | A "L" on this input resets the microcomputer.                                                             | 59      | P33/A11               | I/O/O |                                                                                                                                                 |
| 13      | XOUT                          | O     | Clock output                                                                                              | 60      | P32/A10               | I/O/O |                                                                                                                                                 |
| 14      | Vss                           | I     | Power supply 0V.                                                                                          | 61      | P31/A9                | I/O/O |                                                                                                                                                 |
| 15      | XIN                           | I     | Clock input                                                                                               | 62      | Vcc                   | I/O/O | This is an 8-bits I/O port.                                                                                                                     |
| 16      | Vcc                           | I     | Power supply 2.7V to 5.5V.                                                                                | 63      | P30/A8(/-/D7)         | I/O/O |                                                                                                                                                 |
| 17      | P85/ $\overline{NMI}$         | I     | This is an input-only port that also functions for $\overline{NMI}$ .                                     | 64      | Vss                   | I/O/O |                                                                                                                                                 |
| 18      | P84/ $\overline{INT2}$        | I/O   | This is an 8-bits I/O port.                                                                               | 65      | P27/A7(/D7/D6)        | I/O/O |                                                                                                                                                 |
| 19      | P83/ $\overline{INT1}$        | I/O   |                                                                                                           | 66      | P26/A6(/D6/D5)        | I/O/O |                                                                                                                                                 |
| 20      | P82/ $\overline{INT0}$        | I/O   |                                                                                                           | 67      | P25/A5(/D5/D4)        | I/O/O |                                                                                                                                                 |
| 21      | P81/TA4IN/U                   | I/O   |                                                                                                           | 68      | P24/A4(/D4/D3)        | I/O/O |                                                                                                                                                 |
| 22      | P80/TA4IN/U                   | I/O   |                                                                                                           | 69      | P23/A3(/D3/D2)        | I/O/O |                                                                                                                                                 |
| 23      | P77/TA3IN                     | I/O   |                                                                                                           | 70      | P22/A2(/D2/D1)        | I/O/O |                                                                                                                                                 |
| 24      | P76/TA3OUT                    | I/O   |                                                                                                           | 71      | P21/A1(/D1/D0)        | I/O/O |                                                                                                                                                 |
| 25      | P75/TA2IN/W                   | I/O   | This is an 8-bits I/O port.                                                                               | 72      | P20/A0(/D0/-)         | I/O/O | This is an 8-bits CMOS I/O port.                                                                                                                |
| 26      | P74/TA2OUT/W                  | I/O   |                                                                                                           | 73      | P17/D15               | I/O   |                                                                                                                                                 |
| 27      | P73/TA1IN/V                   | I/O   |                                                                                                           | 74      | P16/D14               | I/O   |                                                                                                                                                 |
| 28      | P72/CLK2/TA1OUT               | I/O   |                                                                                                           | 75      | P15/D13               | I/O   |                                                                                                                                                 |
| 29      | P71/RxD2                      | I/O   |                                                                                                           | 76      | P14/D12               | I/O   |                                                                                                                                                 |
| 30      | P70/TxD2                      | I/O   |                                                                                                           | 77      | P13/D11               | I/O   |                                                                                                                                                 |
| 31      | P67/TxD1                      | I/O   | This is an 8-bits I/O port.                                                                               | 78      | P12/D10               | I/O   |                                                                                                                                                 |
| 32      | P66/RxD1                      | I/O   |                                                                                                           | 79      | P11/D9                | I/O   |                                                                                                                                                 |
| 33      | P65/CLK1                      | I/O   |                                                                                                           | 80      | P10/D8                | I/O   |                                                                                                                                                 |
| 34      | P64/RTS1                      | I/O   |                                                                                                           | 81      | P07/D7                | I/O   |                                                                                                                                                 |
| 35      | P63/TxD0                      | I/O   |                                                                                                           | 82      | P06/D6                | I/O   |                                                                                                                                                 |
| 36      | P62/RxD0                      | I/O   |                                                                                                           | 83      | P05/D5                | I/O   |                                                                                                                                                 |
| 37      | P61/CLK0                      | I/O   |                                                                                                           | 84      | P04/D4                | I/O   | This is an 8-bits I/O port.                                                                                                                     |
| 38      | P60/ $\overline{CTS0}$ /RTS0  | I/O   | While the input level at the $\overline{RDY}$ pin is "L", the microcomputer is in the ready state.        | 85      | P03/D3                | I/O   |                                                                                                                                                 |
| 39      | P57/ $\overline{RDY}$ /CLKOUT | I     |                                                                                                           | 86      | P02/D2                | I/O   |                                                                                                                                                 |
| 40      | P56/ALE                       | O     |                                                                                                           | 87      | P01/D1                | I/O   |                                                                                                                                                 |
| 41      | P55/ $\overline{HOLD}$        | I     |                                                                                                           | 88      | P00/D0                | I/O   |                                                                                                                                                 |
| 42      | P54/ $\overline{HLDA}$        | O     |                                                                                                           | 89      | P107/AN7/K13          | I/O   |                                                                                                                                                 |
| 43      | P53/BCLK                      | O     |                                                                                                           | 90      | P106/AN6/K12          | I/O   | Analog power supply input<br>This is an 8-bits I/O port.<br>Reference voltage input<br>Analog power supply input<br>This is an 8-bits I/O port. |
| 44      | P52/ $\overline{RD}$          | O     | While the input level at the $\overline{HOLD}$ pin is "L", the microcomputer is placed in the hold state. | 91      | P105/AN5/K11          | I/O   |                                                                                                                                                 |
| 45      | P51/WRH/BHE                   | O     | $\overline{HLDA}$ output signal                                                                           | 92      | P104/AN4/K10          | I/O   |                                                                                                                                                 |
| 46      | P50/WRL/WR                    | O     | BCLK output signal                                                                                        | 93      | P103/AN3              | I/O   |                                                                                                                                                 |
| 47      | P47/ $\overline{CS3}$         | I/O/O | $\overline{RD}$ output signal                                                                             | 94      | P102/AN2              | I/O   |                                                                                                                                                 |
|         |                               |       | WRH and BHE output signals                                                                                | 95      | P101/AN1              | I/O   |                                                                                                                                                 |
|         |                               |       | WRL and WR output signals                                                                                 | 96      | Avss                  | I/O   |                                                                                                                                                 |
|         |                               |       | This is an 8-bits I/O port.                                                                               | 97      | P100/AN0              | I/O   |                                                                                                                                                 |
|         |                               |       |                                                                                                           | 98      | VREF                  | I     |                                                                                                                                                 |
|         |                               |       |                                                                                                           | 99      | Avcc                  | I/O   |                                                                                                                                                 |
|         |                               |       |                                                                                                           | 100     | P97/TRG               | I/O   |                                                                                                                                                 |

## IC BLOCK DIAGRAM

### ● LB1412M (XT547A00)

LED DRIVER

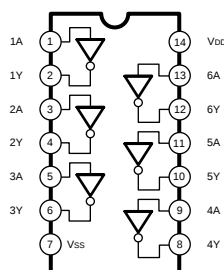
MAS: IC601, IC602



### ● 74HCU04DT (XZ110A00)

INVERTER

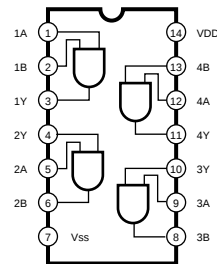
DSP-SPX: IC104



### ● 74HC08DT (XZ108A00)

AND

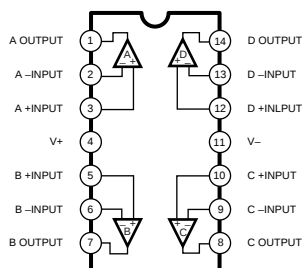
DSP-SPX: IC111



### ● NJM2060(Te2) (XM560A00)

OP AMP

MAS: IC311-315



### ● NJM2068MD-T1 (XJ553A00)

OP AMP

IN8: IC101-105, IC107, IC201, IC301-305, IC307, IC401, IC501-505, IC507, IC601, IC701-705, IC707, IC801

DSP-SPX: IC105-107, IC305-307

MAS: IC101-104, IC201-204, IC301-310, IC318, IC501-504, IC603, IC701, IC702

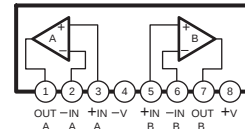
20ch only

IN16: IC101-105, IC107, IC201, IC301-305, IC307, IC401, IC501-505, IC507, IC601, IC701-705, IC707, IC801

### ● NJM4556AL (XP844A00)

OP AMP

MAS: IC505



### ● NJM4580ED (XT157A00)

OP AMP

MAS: IC316, IC317, IC319-321

### ● NJM4588M(T1) (IG103520)

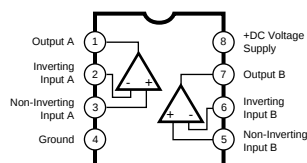
OP AMP

IN8: IC106, IC306, IC506, IC706

MAS: IC105, IC605, IC606

20ch only

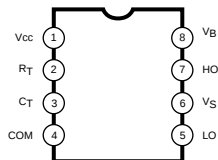
IN16: IC106, IC306, IC506, IC706



### ● IR2153 (X2264A00)

CONTROL IC

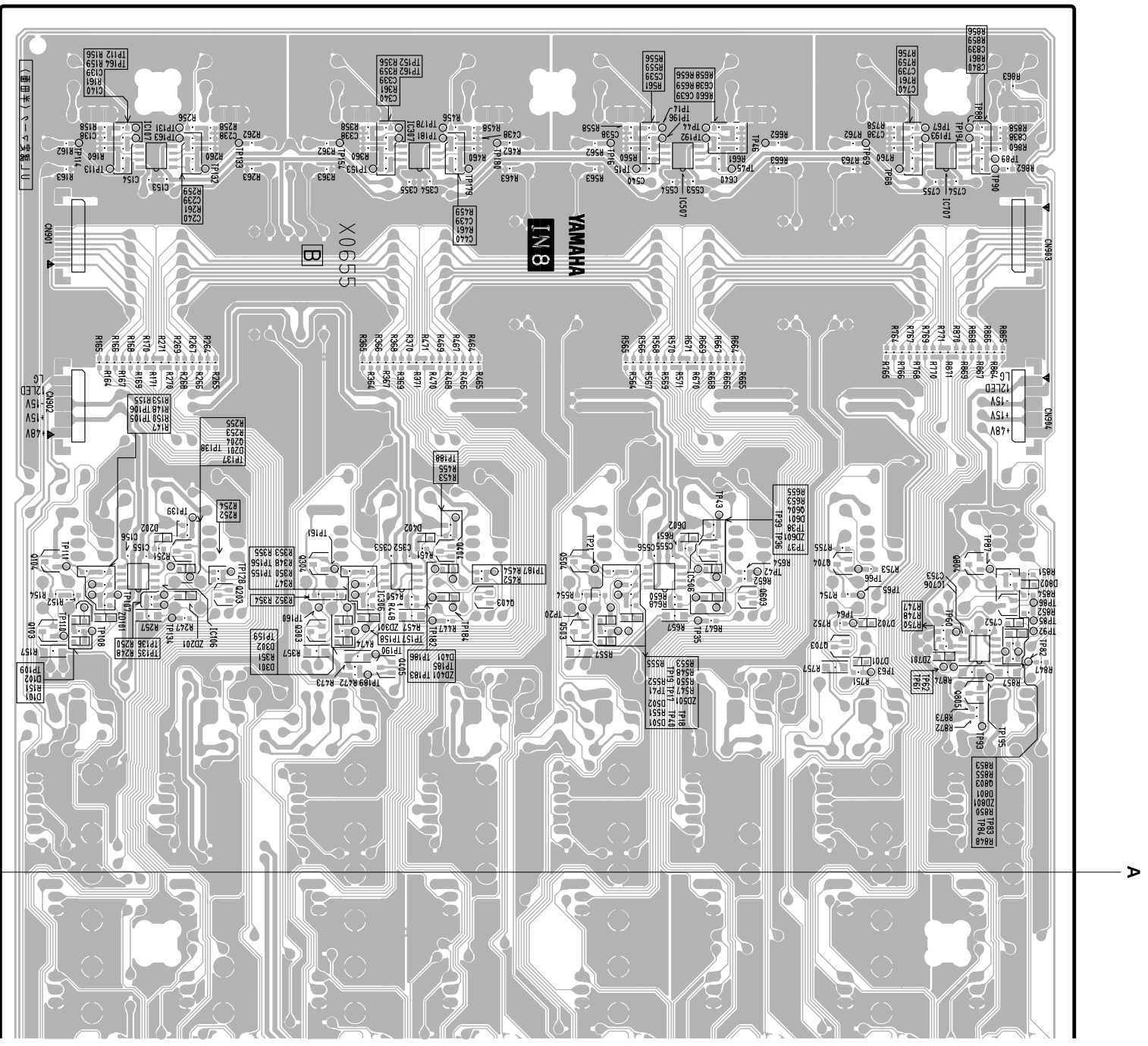
SMPS1/2,2/2: IC102

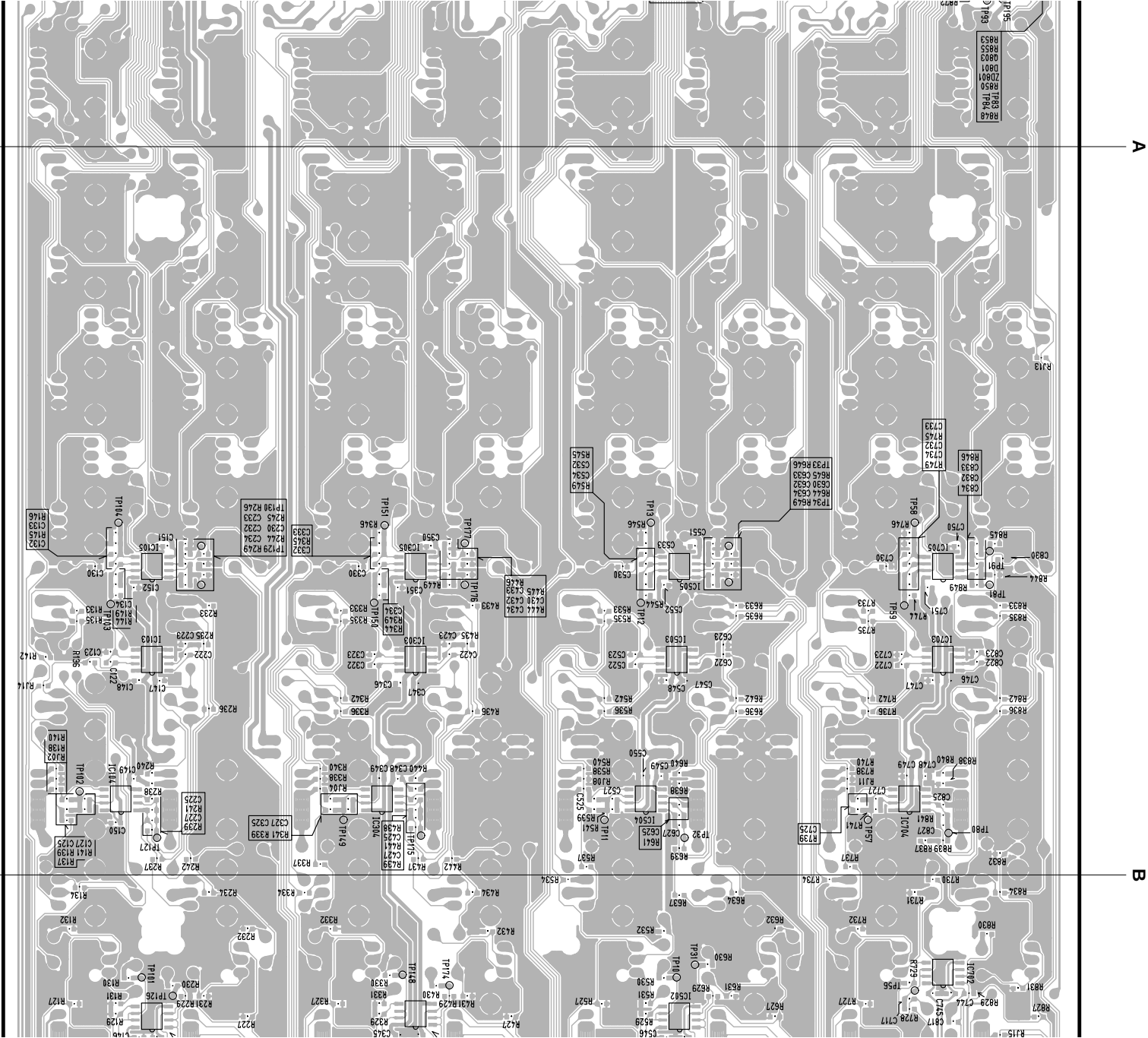


The diagram illustrates the input stage of a multi-channel audio mixer. It features eight identical channel strips arranged horizontally. Each strip includes a rotary selector switch (labeled JK) for channel selection, followed by a potentiometer (labeled C) for volume or gain control. Various passive components, such as resistors (R) and capacitors (C), are distributed throughout the circuit to manage signal levels and frequency response. Key labels include 'YAMAHA' and 'PHANTOM', indicating the manufacturer and specific components or settings. The layout is dense with fine traces connecting the components, and numerous numerical identifiers for individual parts.



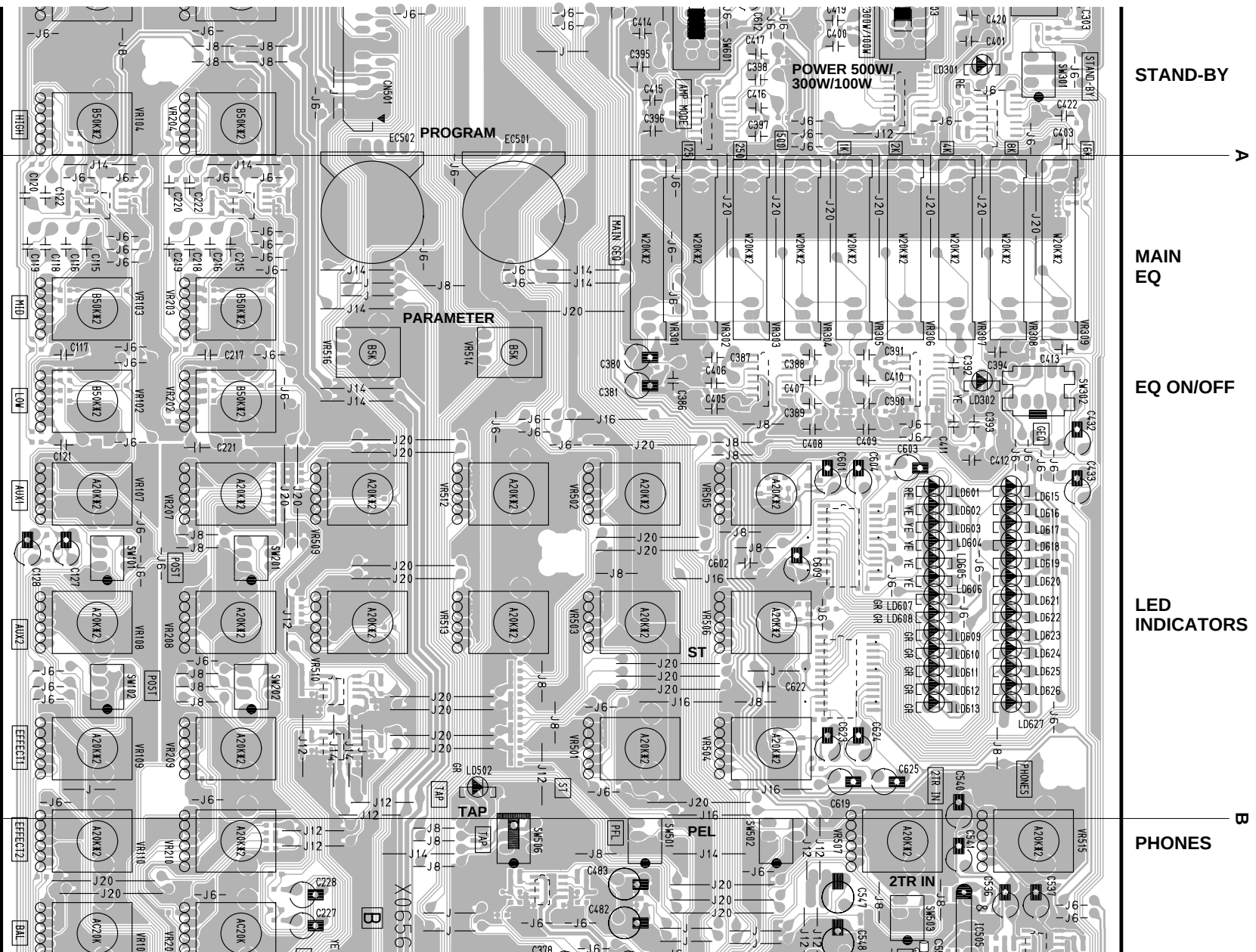


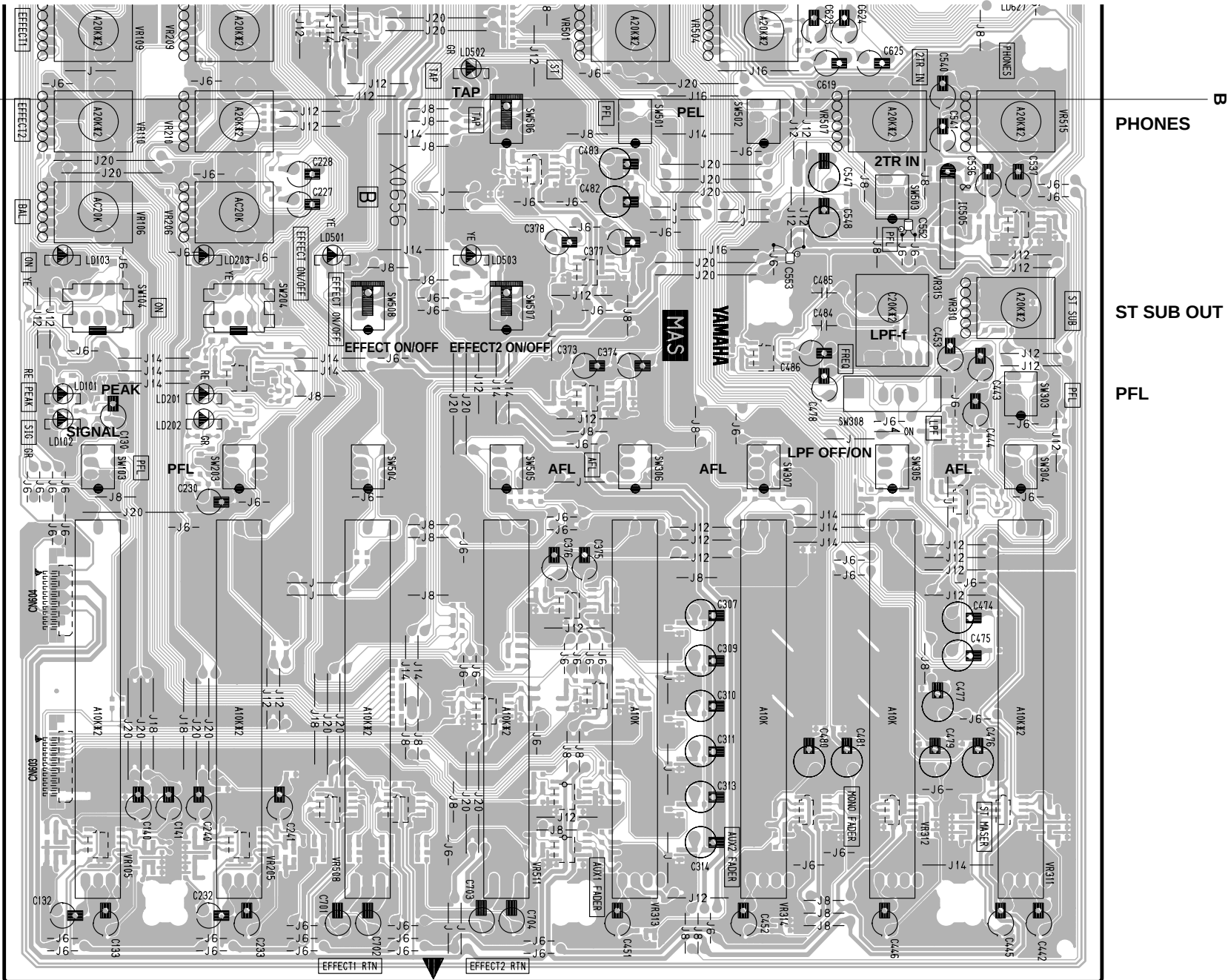












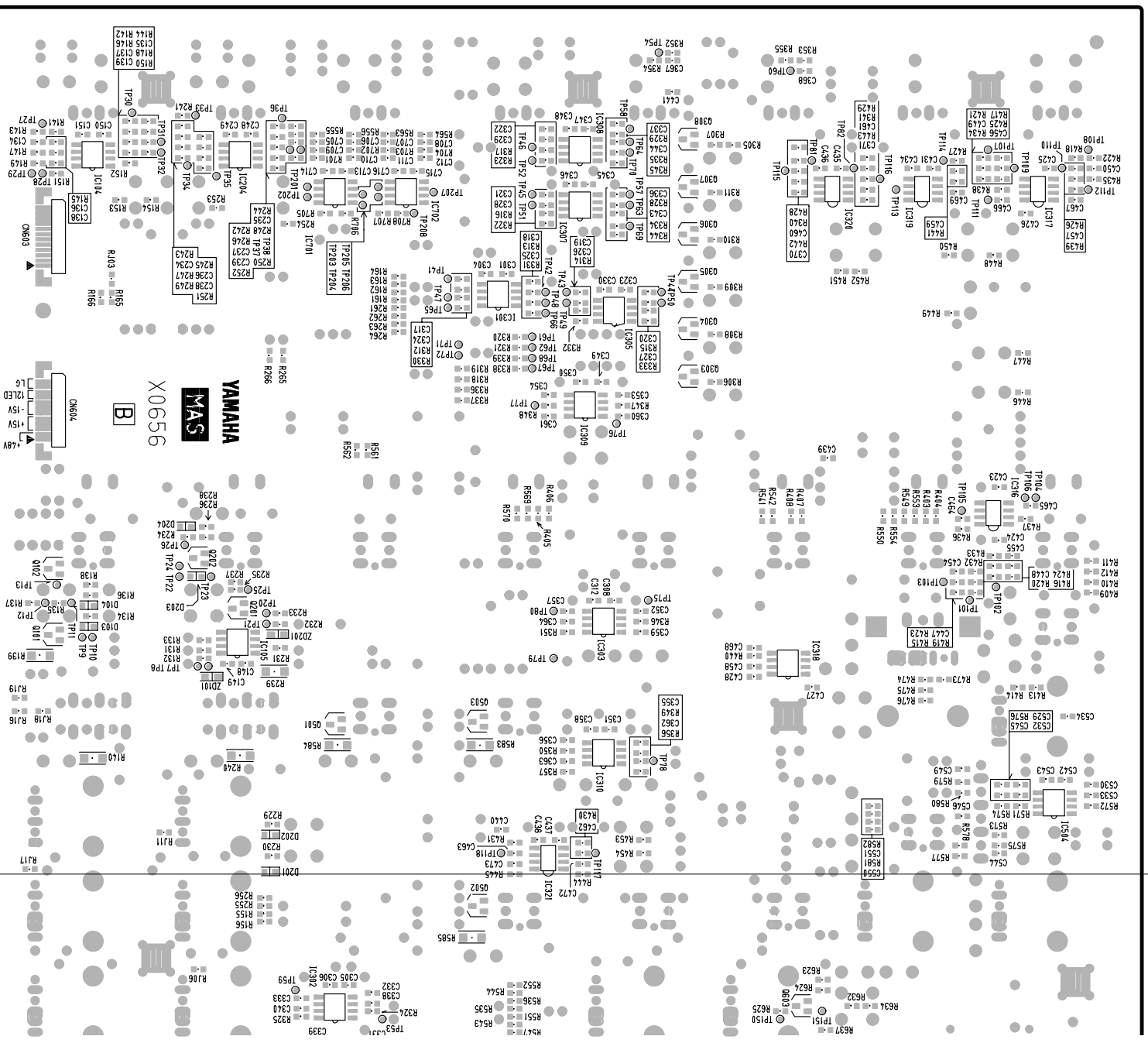
9/10 (EMX5000-12) 11/12 (EMX5000-12) EFFECT1 RTN EFFECT2 RTN AUX1 AUX2 MONO OUT ST OUT  
 17/18 (EMX5000-20) 19/20 (EMX5000-20)

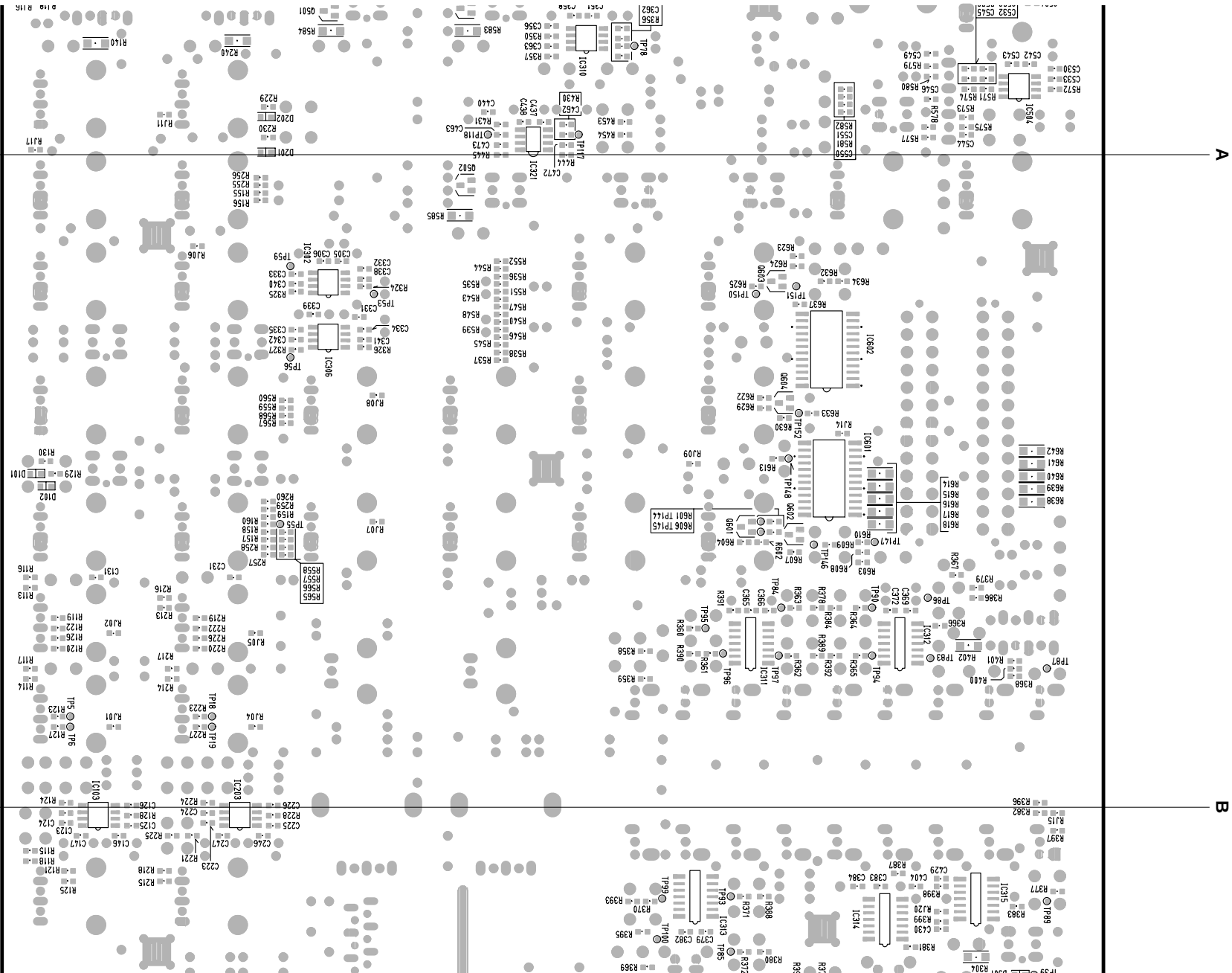
CN604:  
to IN8 CN904

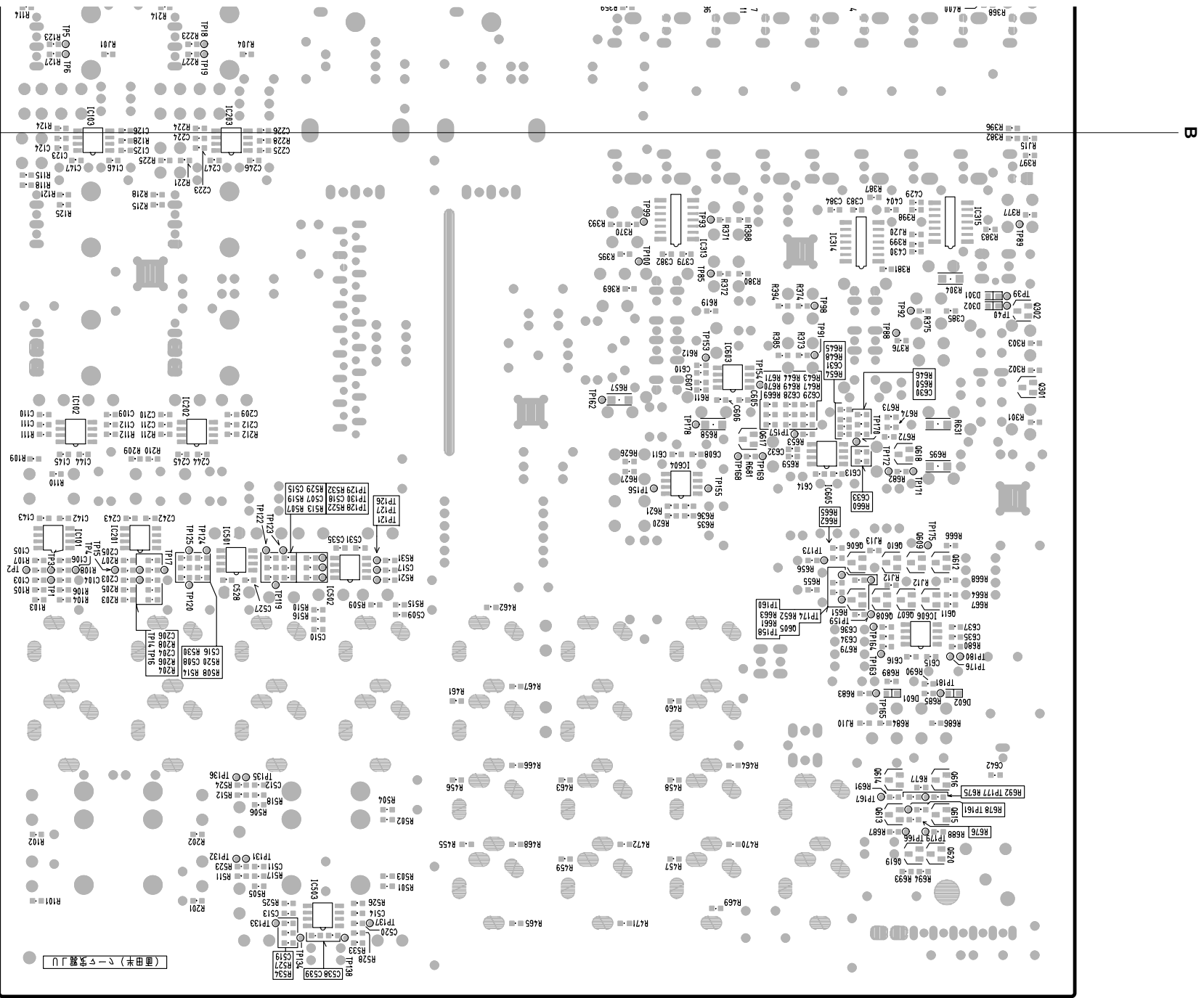
CN603:  
to IN8 CN903

Component side

MAS: 3NA-V826750



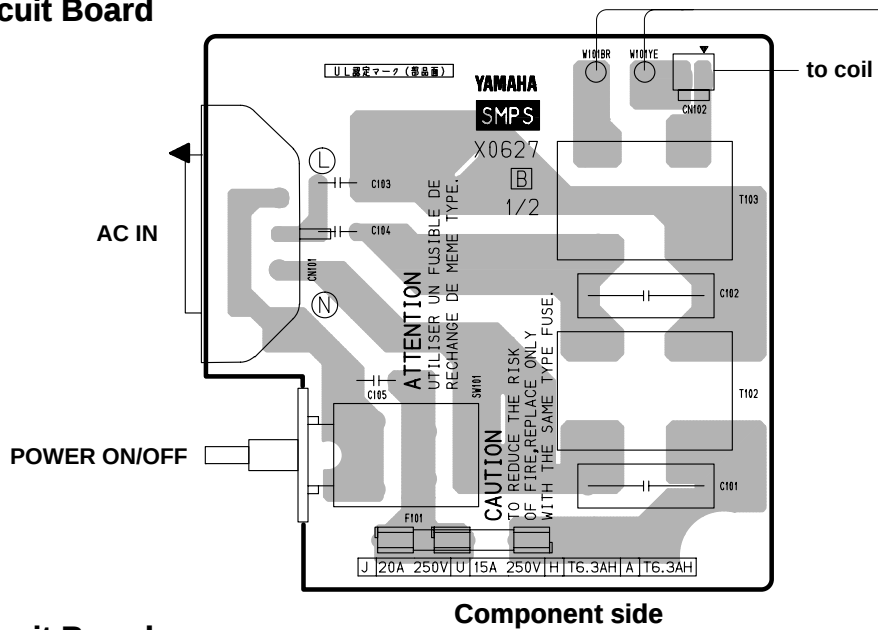




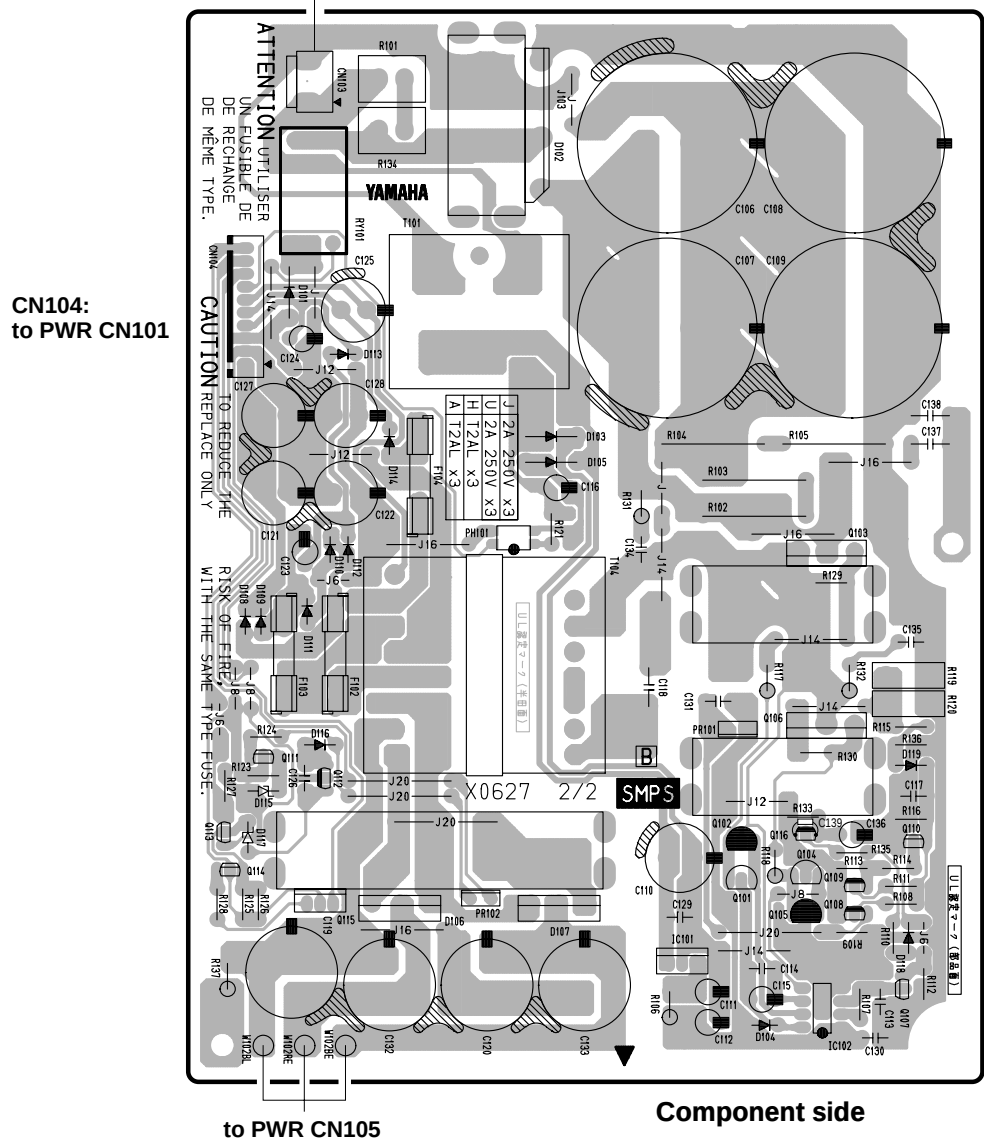
（直田半）へ一丁実装しU

Pattern side

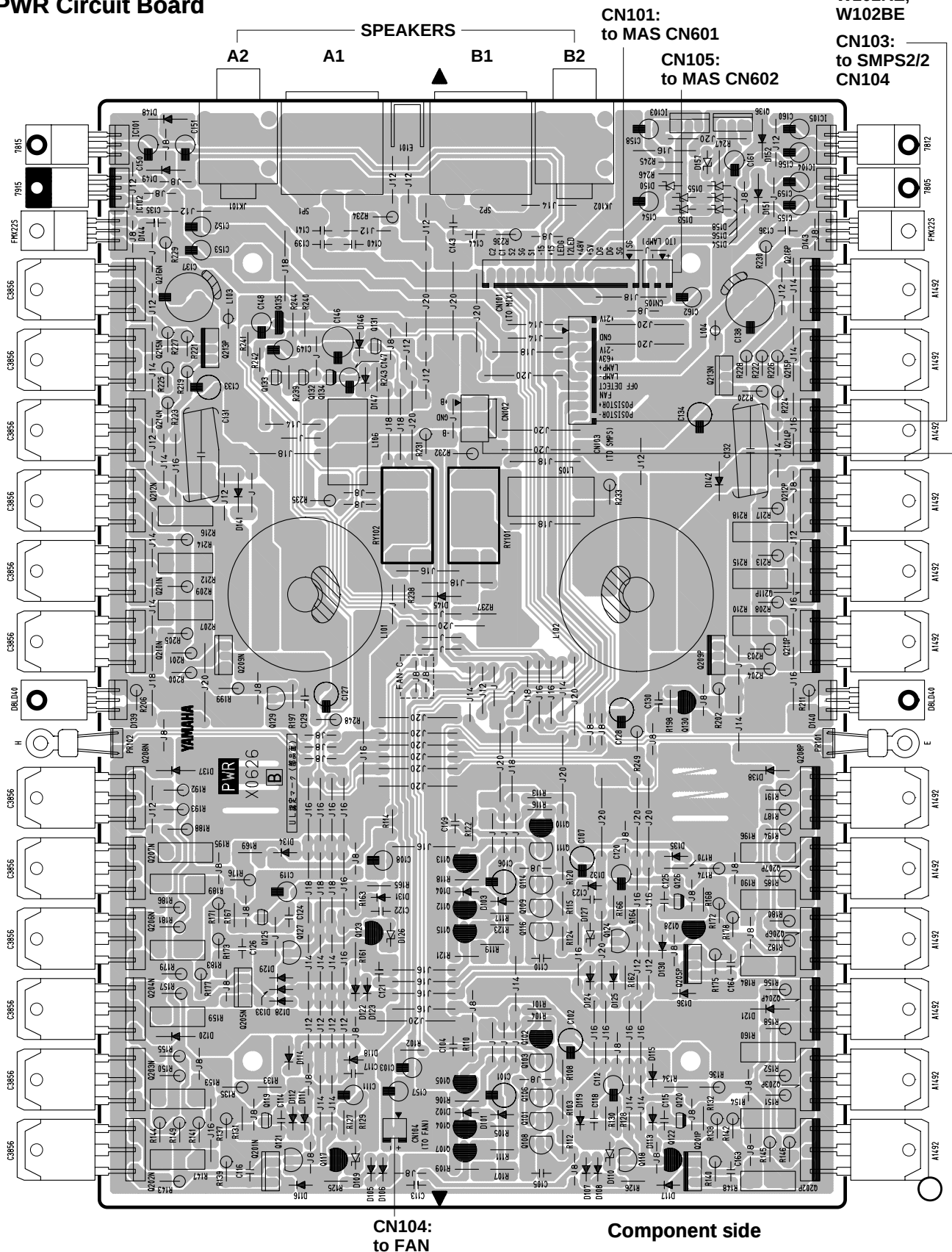
- **SMPS 1/2 Circuit Board**



- **SMPS 2/2 Circuit Board**

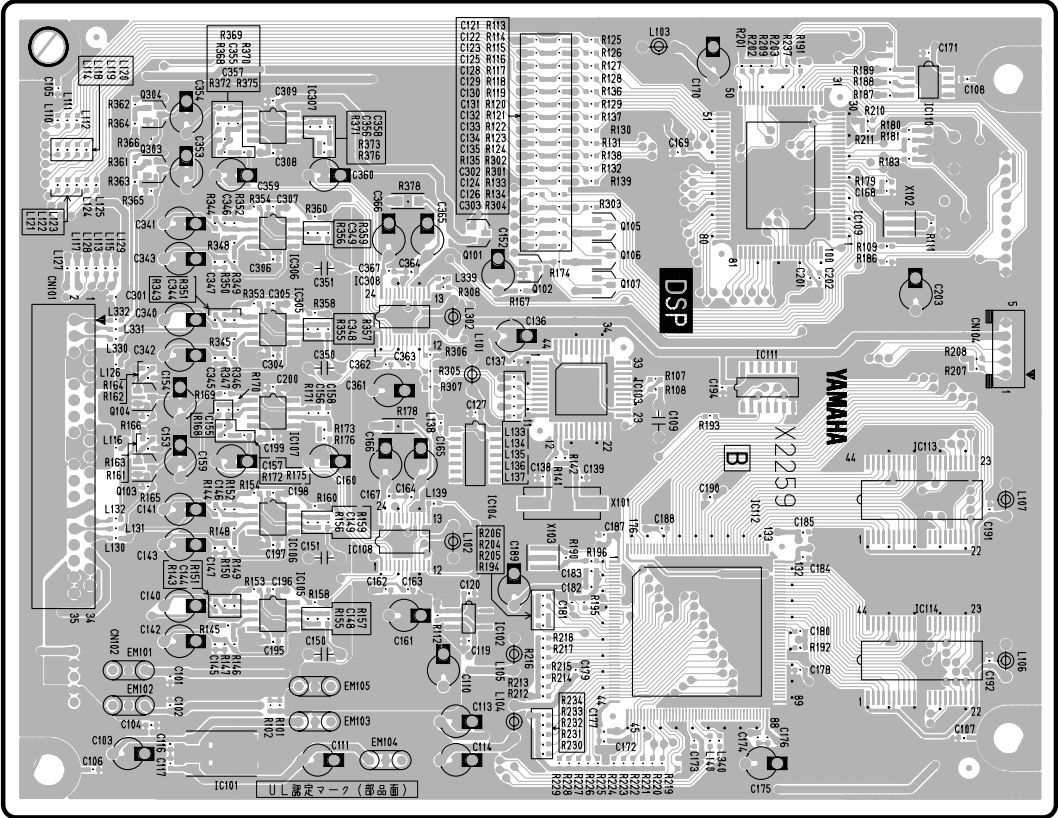


- **PWR Circuit Board**

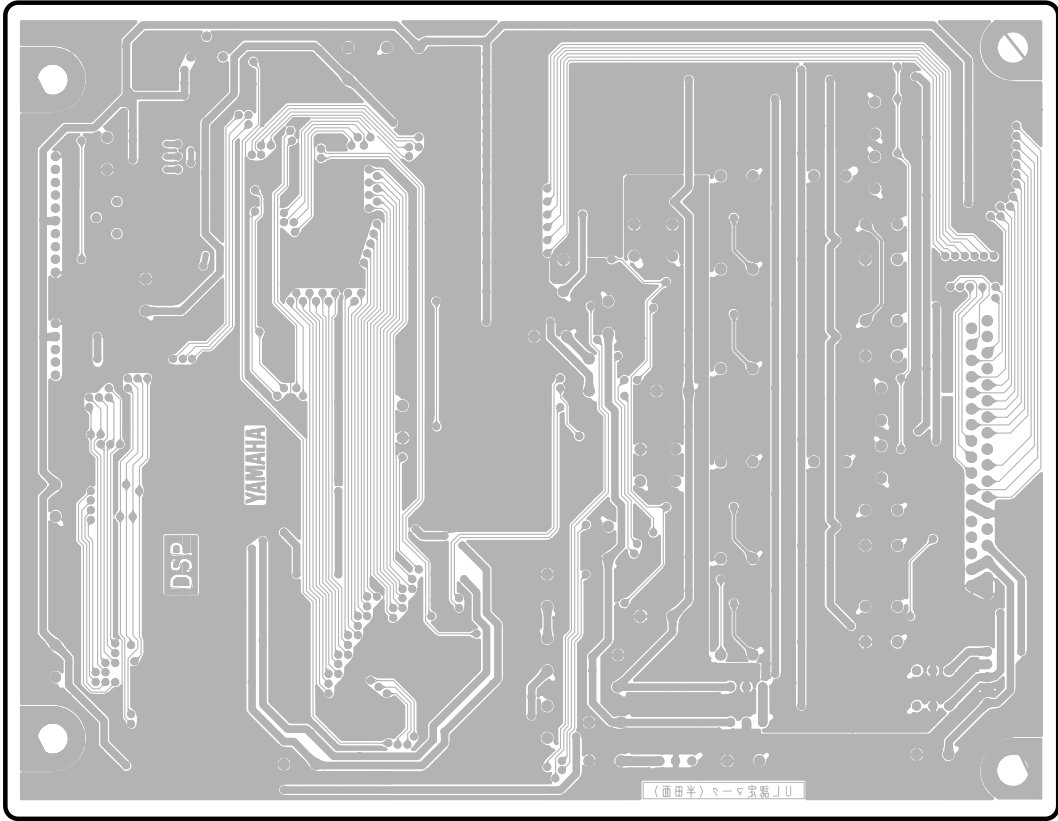


PWR: 3NA-V826960

• DSP-SPX Circuit Board



Component side



Pattern side

# INSPECTIONS

## A. INSPECTIONS OF MIXER

### 1 PREPARATIONS

- Unless otherwise specified, the signal to be applied should be 1kHz, The sine wave and the signal source impedance should be 150 ohm. Also, the load resistance at each output terminal should be of the following values.

|                        |                  |
|------------------------|------------------|
| INSERT OUT, REC OUT    | 10k $\Omega$     |
| PHONES                 | 40 (3W or more)  |
| LAMP                   | 30 (20W or more) |
| Other output terminals | 600 $\Omega$     |

- Unless otherwise specified, set the controls as follows.

#### 1-1 CH INPUT (1-8: EMX5000-12/1-16: EMX5000-20)

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| 26dB switch                      | OFF                                                 |
| GAIN control                     | MINIMUM                                             |
| HPF switch                       | OFF                                                 |
| EQ(HIGH, MID, LOW) level control | CENTER                                              |
| EQ MID FREQ control              | MINIMUM                                             |
| AUX 1,2 level control            | MAXIMUM                                             |
| AUX 1,2 POST switch              | OFF                                                 |
| EFFECT 1,2 level control         | MAXIMUM                                             |
| PAN control                      | CENTER                                              |
| ON switch                        | ON only during measurement, OFF at all other times. |
| PFL switch                       | OFF                                                 |
| fader                            | MAXIMUM                                             |

#### 1-2 ST CH INPUT (9-12: EMX5000-12/17-20:EMX5000-20)

|                                  |         |
|----------------------------------|---------|
| GAIN control                     | MINIMUM |
| EQ(HIGH, MID, LOW) level control | CENTER  |
| AUX 1,2 level control            | MAXIMUM |
| AUX 1,2 POST switch              | OFF     |
| EFFECT 1,2 level control         | MAXIMUM |
| BAL control                      | CENTER  |
| ON switch                        | OFF     |
| PFL switch                       | OFF     |
| fader                            | MAXIMUM |

#### 1-3 DIGITAL EFFECT (1,2)

|                          |                                                              |
|--------------------------|--------------------------------------------------------------|
| PROGRSM select switch    | 16                                                           |
| PARAMETER control        | MINIMUM                                                      |
| DIGITAL EFFECT ON switch | OFF                                                          |
| TAP switch (EFFECT 2)    | OFF                                                          |
| EFFECT RTN fader         | MAXIMUM only during measurement, MINIMUM at all other times. |

#### 1-4 ST SUB IN

|                       |         |
|-----------------------|---------|
| AUX 1,2 level control | MAXIMUM |
| ST level control      | MAXIMUM |
| PFL switch            | OFF     |

#### 1-5 2TR IN

|                  |         |
|------------------|---------|
| ST level control | MAXIMUM |
| PFL switch       | OFF     |

## 1-6 MASTER

|                                         |         |
|-----------------------------------------|---------|
| GRAPHIC EQUALIZER GAIN control          | CENTER  |
| GRAPHIC EQUALIZER ON switch             | OFF     |
| AUX (1, 2), MONO OUT, ST OUT PFL switch | OFF     |
| ST OUT AFL switch                       | OFF     |
| MONO OUT LPF ON/OFF switch              | OFF     |
| MONO OUT LPF FREQ control               | MINIMUM |
| PHONES, ST SUB OUT level control        | MAXIMUM |
| ST1, MONO, MONITOR (1, 2), EFFECT fader | MAXIMUM |
| AUX (1, 2), MONO OUT, ST OUT fader      | MAXIMUM |

## 1-7 PHANTOM

|                |     |
|----------------|-----|
| PHANTOM switch | OFF |
|----------------|-----|

## 1-8 POWER AMP

|                      |           |
|----------------------|-----------|
| SIGNAL SELECT switch | ST (L, R) |
| POWER SELECT switch  | 500W      |

|                                             |     |
|---------------------------------------------|-----|
| <b>1-9</b> YAMAHA SPEAKER PROCESSING switch | OFF |
|---------------------------------------------|-----|

|                             |     |
|-----------------------------|-----|
| <b>1-10</b> STAND-BY switch | OFF |
|-----------------------------|-----|

## 2 GAIN

- In the state as described in 1 above, check that the output level within the range specified in Tables 2-1 to 2-5 can be obtained at each output terminal.

[Table 2-1] Input terminal [INPUT CH1-8: EMX5000-12 / 1-16: EMX5000-20] [Unit: dBs]

| INPUT   | INPUT LEVEL      | GAIN | INSERT OUT | ST OUT (L,R) | ST SUB OUT (L,R) | MONO OUT | AUX 1,2 SEND (POST SW OFF) | AUX 1,2 SEND (POST SW ON) | EFFECT 1,2 SEND |
|---------|------------------|------|------------|--------------|------------------|----------|----------------------------|---------------------------|-----------------|
| INPUT A | -80              | MAX. | -20 ± 2    | +1 ± 2       | -3 ± 2           | +4 ± 2   | 0 ± 2                      | +10 ± 2                   | 0 ± 2           |
|         | -54<br>(26dB ON) | MAX. | —          | +1 ± 2       | —                | —        | —                          | —                         | —               |
|         | -36              | MIN. | —          | +1 ± 2       | —                | —        | —                          | —                         | —               |
| INPUT B | -80              | MAX. | —          | +1 ± 2       | —                | —        | —                          | —                         | —               |

[Table 2-2] Input terminal [INPUT CH1-8: EMX5000-12 / 1-16: EMX5000-20] [Unit: dBs]

| INPUT     | INPUT LEVEL | ST OUT (L,R) | REC OUT (L,R) | PHONES (L,R) *1 |
|-----------|-------------|--------------|---------------|-----------------|
| INSERT IN | -20         | +1 ± 2       | +20.8 ± 2     | -11 ± 2         |

\*1: Turn on the PFL switch of the channel to which the signal was input.

[Table 2-3] Input terminal [ST INPUT CH9-12: EMX5000-12 / 17-20: EMX5000-20] [Unit: dBs]

| INPUT                       | INPUT LEVEL | GAIN | ST OUT L | ST OUT R | AUX 1,2 SEND (POST SW OFF) | AUX 1,2 SEND (POST SW ON) | EFFECT 1,2 SEND | PHONES (L, R) *1 |
|-----------------------------|-------------|------|----------|----------|----------------------------|---------------------------|-----------------|------------------|
| 9/11L<br>17/19L<br>(PHONE)  | -54         | MAX. | +1 ± 2   | —        | -3 ± 2                     | +7 ± 2                    | -3 ± 2          | -11 ± 2<br>(L)   |
| 10/12R<br>18/20R<br>(PHONE) | -54         | MAX. | —        | +1 ± 2   | -3 ± 2                     | +7 ± 2                    | -3 ± 2          | -11 ± 2<br>(R)   |
| 9/11L<br>17/19L<br>(PIN)    | -54         | MAX. | +1 ± 2   | —        | —                          | —                         | —               | —                |
| 10/12R<br>18/20R<br>(PIN)   | -54         | MAX. | —        | +1 ± 2   | —                          | —                         | —               | —                |

\*1: Turn on the PFL switch of the channel to which the signal was input.

[Table 2-4] Input terminal [ST SUB IN (1, 2)]

[Unit: dBs]

| INPUT  | INPUT LEVEL | ST OUT L | ST OUT R | AUX 1, 2 SEND | PHONES L *1 | PHONES R *1 |
|--------|-------------|----------|----------|---------------|-------------|-------------|
| L/MONO | -6          | +10 ± 2  | +10 ± 2  | +13 ± 2       | -1 ± 2      | -1 ± 2      |
| R      | -6          | —        | +10 ± 2  | +7 ± 2        | —           | -1 ± 2      |

\*1: Turn on the PFL switch.

[Table 2-5] Input terminal [2TR IN]

[Unit: dBs]

| INPUT | INPUT LEVEL | ST OUT L | ST OUT R | PHONES L *1 | PHONES R *1 |
|-------|-------------|----------|----------|-------------|-------------|
| L     | -17.8       | +10 ± 2  | —        | -1 ± 2      | —           |
| R     | -17.8       | —        | +10 ± 2  | —           | -1 ± 2      |

\*1: Turn on the PFL switch.

[Table 2-6] Input terminal [CH1: INPUT A], Output terminal [PHONES (L, R)]

[Unit: dBs]

| INPUT LEVEL | GAIN | ST AFL ON | MONO AFL ON | AUX 1, 2 AFL ON |
|-------------|------|-----------|-------------|-----------------|
| -46         | MIN. | -4 ± 2    | -1 ± 2      | -5 ± 2          |

### 3 FREQUENCY RESPONSE

- In each state as described in Tables 2-1, 2-2, 2-3 and 2-4, input a signal at the frequency of 20Hz and 20kHz and check that the output level at each output terminal is within the range of +1/-3dB with 1kHz used as a reference. At 20Hz with the GAIN control set at the MAX position only, however, check that the output level is within the range of +1dB/-4.5dB. For PHONES, take measurement at 2TR IN input terminal.

### 4 EQUALIZER CHARACTERISTICS

- In the state as described in 1, move each EQ control of INPUT and check that the output level of the frequency obtained at ST OUT falls within the range given in Table 4-1 with the output level obtained at the center click position used as a reference. If the output level at a specified frequency does not fall within the range given in Table 4-1, vary the frequency and check that the output level as specified in the table below is obtained. Also, check that the frequency variation at this time is within the range of specified frequency ±20%.

[Table 4-1] (INPUT CH1-8: EMX5000-12 / 1-16: EMX5000-20)

[Unit: dBs]

| EQ   | level control | f control | Input frequency | Variation width |
|------|---------------|-----------|-----------------|-----------------|
| LOW  | MAX.          | —         | 10KHz           | +12 ± 2         |
|      | MIN.          | —         |                 | -12 ± 2         |
| MID  | MAX.          | MIN.      | 250KHz          | +15 ± 2.5       |
|      | MIN.          |           |                 | -15 ± 2.5       |
|      | MAX.          | MAX.      | 5KHz            | +15 ± 2.5       |
|      | MIN.          |           |                 | -15 ± 2.5       |
| HIGH | MAX.          | —         | 100Hz           | +12 ± 2         |
|      | MIN.          | —         |                 | -12 ± 2         |

[Table 4-2] Input terminal [ST INPUT, CH9-12: EMX5000-12 / CH17-20: EMX5000-20] [Unit: dBs]

| EQ   | level control | Input frequency | Variation width |
|------|---------------|-----------------|-----------------|
| LOW  | MAX.          | 100Hz           | +12 ± 2         |
|      | MIN.          |                 | -12 ± 2         |
| MID  | MAX.          | 2.5KHz          | +15 ± 2.5       |
|      | MIN.          |                 | -15 ± 2.5       |
| HIGH | MAX.          | 10KHz           | +12 ± 2         |
|      | MIN.          |                 | -12 ± 2         |

#### 4a HPF characteristic

- In the state as described in 1, set the input signal level to 80Hz and turn on the HPF switch of CH INPUT 1 and check that the output level of ST OUT L is within the range of -3±2dB with the level at the HPF switch OFF used as a reference.

## 5 GRAPHIC EQUALIZER CHARACTERISTICS

- In the state as described in 1, move the GEQ fader to the MIN or MAX position and check that the output level of the frequency obtained at ST1 OUT (L, R) falls within the range given in Table 5-1 with the output level obtained at the center click position used as a reference.

If the output level at a specified frequency does not fall within the range given in the table, vary the frequency and check that the output level in the range as specified in the table is obtained. Also, check that the frequency variation at this time is within the range of specified frequency  $\pm 20\%$ .

[Table 5-1]

[Unit: dBs]

|                        |     | 63          | 125    | 250    | 500    | 1k   | 2k   | 4k   | 8k   | 16k   |
|------------------------|-----|-------------|--------|--------|--------|------|------|------|------|-------|
| Input signal frequency |     | 63kHz       | 125kHz | 250kHz | 500kHz | 1kHz | 2kHz | 4kHz | 8kHz | 16kHz |
| Variation width        | MAX | $+12 \pm 2$ |        |        |        |      |      |      |      |       |
|                        | MIN | $-12 \pm 2$ |        |        |        |      |      |      |      |       |

## 6 MONO OUT LPF

- In the state as described in 1, set the input signal level to 80Hz when the MONO OUT FREQ control is at the MIN position and to 120Hz when it is at the MAX position. (Applicable only for CH1 INPUT A)
- Also check that the MONO OUT output level when the MONO OUT LPF ON/OFF switch is turned on is within the range of  $-3 \pm 2$ dB with the level at the switch OFF used as a reference.

## 7 PEAK LED LIGHTING LEVEL

- In the state as described in 1, input a signal to INPUT A, ST CH IN (PHONE) and check that the PEAK LED lights up at the input signal level as in Table 7-1.

[Table 7-1]

[Unit: dBs]

|                    |             |             |
|--------------------|-------------|-------------|
| Input channel      | CH1~8/16    | ST CH       |
| Input signal level | $-43 \pm 3$ | $-17 \pm 3$ |

## 8 SIGNAL LED LIGHTING LEVEL

- In the state as described in 1, input a signal to INPUT A, ST CH IN (PHONE) and check that the SIGNAL LED lights up at the input signal level as in Table 8-1.

[Table 8-1]

[Unit: dBs]

|                    |             |             |
|--------------------|-------------|-------------|
| Input channel      | CH1~8/16    | ST CH       |
| Input signal level | $-70 \pm 3$ | $-38 \pm 3$ |

## 9 LED METER LIGHTING LEVEL

- Check that when the output level of ST OUT is as in Table 9-1, each corresponding METER LED lights up.

[Table 9-1]

[Unit: dBs]

|                      |             |             |            |            |             |             |            |
|----------------------|-------------|-------------|------------|------------|-------------|-------------|------------|
| LED                  | PEAK        | +8          | +5         | +3         | +1          | 0           | -1         |
| Lighting start level | $+17 \pm 2$ | $+12 \pm 2$ | $+9 \pm 2$ | $+7 \pm 2$ | $+5 \pm 2$  | $+4 \pm 2$  | $+3 \pm 2$ |
| LED                  | -3          | -5          | -7         | -10        | -15         | -20         | —          |
| Lighting start level | $+1 \pm 2$  | $+1 \pm 2$  | $-3 \pm 2$ | $-6 \pm 2$ | $-11 \pm 2$ | $-16 \pm 2$ | —          |

## 10 DISTORTION FACTOR

- In the state as shown in Tables 2-1, 2-3, 2-4 and 2-5, check that the distortion factor when  $+14$ dBs output is obtained at each output terminal is 0.1% or less (except for REC OUT, INSERT OUT and PHONES).
- In the case of PHONES, set the 12 o'clock point of the level control to the nominal position and check that the distortion factor when  $+3$ dBs output is obtained is 0.2% or less.

## 11 MAXIMUM OUTPUT

- In the state as described in 1, set the GAIN control to the MAX position (or turn PAN or BAL VR clockwise or counterclockwise fully when measuring at ST OUT), check that  $+20$ dBs output with 1% or less distortion factor is obtained at ST OUT, MONO OUT and AUX SEND. Also, check that  $+8$ dBs output with 1% or less distortion factor is obtained at PHONES.

## 12 EIN

- In the state as described in 1, set only the fader and GAIN control VR of the channel being measured to the MAX position, turn PAN or BAL VR counterclockwise fully, set the fader of all the other channels to the MIN position and short-circuit the INPUT A terminal with 150 ohm. Then check that the noise level obtained at ST OUT L is -43dBs or less.
- If it exceeds -43dBs, calculate the input converted noise level of each channel and check that the result is -127dBs or less. (Use the DIN audio filter.)

## 13 RESIDUAL NOISE

- In the state as described in 1, set all Fader/Level controls in the INPUT section to the MIN position. Then set the Fader/Level controls in the MASTER section to the MAX or MIN position and check that the noise level at ST OUT, MONO OUT, AUX SEND and EFFECT OUT (without MASTER level control) is at the level indicated in Table 10-1 or less.

[Table 13-1]

| fader/level control | ST OUT (L, R) | MONO OUT | AUX 1,2 SEND | EFFECT SEND | PHONES |
|---------------------|---------------|----------|--------------|-------------|--------|
| MAX                 | -73           | -73      | -70          | -80         | -78    |
| MIN                 | -95           | -93      | -95          | —           | -96    |

## 14 PHANTOM

- Connect a 10k ohms load resistance between pins 1 and 2 of INPUT A to short-circuit between pins 2 and 3. Then check that +35±3 V voltage is obtained at both ends of the load resistance when the PHANTOM switch is turned on.

## 15 LAMP TERMINAL

- The voltage at the LAMP terminal should be 12±1V (DC) (30 ohm load)  
Measure the voltage between pins 2 and 3.

## 16 DIGITAL EFFECT

- In the state as described in 1, input -36 dBs signal to CH1 INPUT A and set AUX1 level control to the MIN position and EFFECT1 level control as well as the CH fader to the MAX position.  
Then with the PROGRAM select switch set to 16, PARAMETER VR to MIN and AUX1 EFFECT RTN VR to the MAX position, check that the output signal level at AUX1 OUT is larger than 0dBs when the DIGITAL EFFECT ON switch is turned on.

## 17 STAND-BY

- In the state as described in 1, apply a signal from CH INPUT A and set the level of ST OUT (L o R) / AUX SEND (1 o 2) / EFFECT SEND (1 o 2) output terminals to +14dB. Then turn on the STAND-BY switch and check that the output level is – 46dB or less and that the LED flashes.

## 18 STABILITY

- Connect a load resistance to the power amplifier output for this inspection.
- Check that no abnormality such as oscillation occurs when a 10pF to 0.1μF capacitor is connected in parallel with a load resistance at each output terminal.
- Check that no abnormality such as oscillation occurs when all faders, level controls and equalizer are set to the MAX position. (Short-circuit the input terminal with 150 ohm.)

## B. INSPECTION OF POWER AMPLIFIER

### ● Inspection of SIGNAL SELECT switch MAIN L – MAIN R, AUX1 – AUX2

#### 1 PREPARATIONS

- Input terminal: ST SUB IN 1 L/MONO
- SIGNAL SELECT switch: MAIN L-MAIN R
- POWER SELECT switch: 500W+500W
- Output terminal: SPEAKERS A2, SPEAKERS B2
- Load resistance: 40 Ω (500W or more)  
Unless otherwise specified, the load resistance of the speakers should be connected only when checking the power amplifier.
- Set INPUT CH1-20 (EMX5000-20) / CH1 – 12 (EMX5000-12), ST SUB IN 2 and 2TR IN level controls to the MIN position.
- Other than the above, use the same setting as described under PREPARATIONS for inspection.

#### 2 Muting function at power ON

- Check that the muting function is cancelled and the relay turns on at 2.5±1 seconds after the POWER switch is turned on.

3 Fan

- Short-circuit the 2 J wires within the frame marked FAN-C in the center of the PWR circuit board and check that the fan runs at a low speed.

4 DC voltage at output terminal

- Check that the DC voltage at the output terminal is 0±100mV when the input terminal is grounded.

5 GAIN

- Input a -19 dBs signal to the input terminal and check that the output level of the measured gain is as specified in Table 5-1 when the SIGNAL SELECT switch setting is changed.  
Check all the output terminals other than BRIDGE (1+, 2+). For SIGNAL SELECT switch MAIN L – MAIN R, also check with the select position of the POWER SELECT switch changed.

[Table 5-1] Gain [Unit: dBs]

| POWER AMP switch         | MAIN L-MAIN R |            |            | AUX1-MONO  | AUX1-AUX2  |
|--------------------------|---------------|------------|------------|------------|------------|
|                          | 500W+500W     | 300W+300W  | 100W+100W  |            |            |
| SPEAKERS A1 (1+, 1-), A2 | 22.2 ± 2.0    | 20.0 ± 2.0 | 15.2 ± 2.0 | 25.2 ± 2.0 | 25.2 ± 2.0 |
| SPEAKERS B1 (1+, 1-), B2 | 22.2 ± 2.0    | 20.0 ± 2.0 | 15.2 ± 2.0 | 25.2 ± 2.0 | 25.2 ± 2.0 |
| SPEAKERS A1 (2+, 2-)     |               |            |            |            |            |

6 FREQUENCY RESPONSE

- YAMAHA SPEAKERS PROCESSING switch OFF  
Input -19 dBs signal to the input terminal and check that the output voltage at 20Hz and 20kHz signal frequency is within the range of +1/-3dB with 1kHz used as a reference.
- YAMAHA SPEAKERS PROCESSING switch ON  
Input 70Hz/-19dBs signal to the input terminal and check that the output voltage when YAMAHA SPEAKERS PROCESSING switch is turned off is within the range of +6.2±2dB with 1kHz output voltage used as a reference.

7 TOTAL HARMONIC DISTORTION

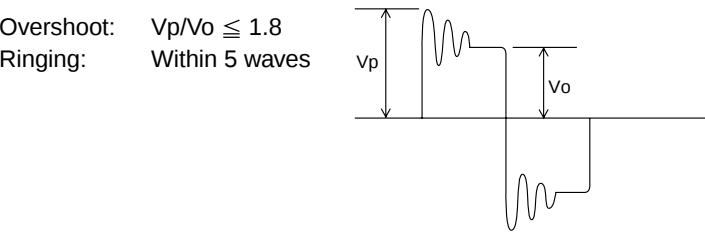
- Input a 1kHz signal to the input terminal and check that the total harmonic distortion is 0.5% or less when 500W + 500W/4 Ω (35.2 dBs) output is obtained.
- Also, input 20Hz, 1kHz and 20kHz signals to the input terminal and check that the total harmonic distortion is 0.5% or less when 250W + 250W/4 Ω (32.2 dBs) signal is obtained at the output terminal.
- \* Be sure to finish this inspection within 30 seconds.

8 RESIDUAL NOISE

- Set the ST MASTER level control to the MIN position and check that the noise level at the output terminal is -65dBs. Use care so that the measurement is not affected by the induction noise. (Use the DIN audio filter.)

9 STABILITY

- With 10kHz, -3.2dBs rectangular wave inputted, connect 10pF to 0.47μF static capacitance in parallel with 4 Ω load resistance or 10μH to 0.47H inductance in series and check that the following requirements are satisfied.



- Disconnect 4 Ω load resistance to make the load consisting of 10pF to 0.47μF static capacitance only and check that ringing is within 7 waves at  $V_p/V_o \leq 2.5$  and no oscillation or the like occurs.

10 PROTECTION CIRCUIT

- With a signal input to POWER AMP IN (L), clip the output waveform of the 10Hz signal and check that the protection circuit functions to prevent the relay from opening.
- Check that the protection circuit functions within 2 seconds to shut off the output when a 1Hz,  $V_p=10V$ (13.2dBs) signal is input and the output is restored automatically within 5 seconds when the input signal is stopped.

## 11 PC LIMITER CIRCUIT, LIMITER CIRCUIT

- With  $1\ \Omega$  load resistance ( $\pm 5\%$ , 100W) connected to the output terminal, input a 0dBs signal to the input terminal and observe the output terminal using an oscilloscope. At this time, the protection circuit should function to shut off the output, the LIMITER indicator should light up and the output should be restored automatically within 5 seconds when the input signal is stopped.

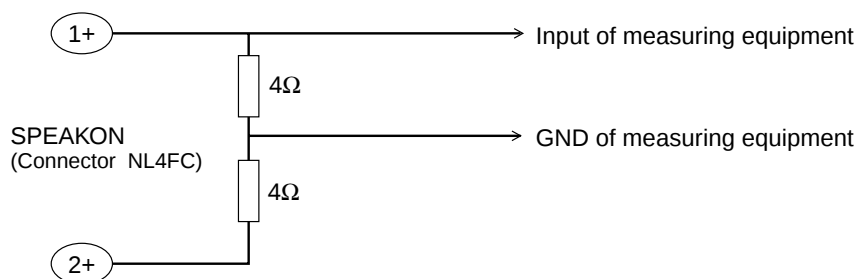
## 12 EFFICIENCY

- Input a 1kHz, -15dBs signal and check that the primary power is  $360 \pm 50$ W. If the primary power is not within the specified range, adjust the input level so that 15.8V (26.2dBs) output is obtained at SPEAKER S and take measurement again.

## ● INSPECTION OF SIGNAL SELECT switch BRIDGE

### 1 PREPARATIONS

- Input terminal: ST BUS IN 1 L/MONO
  - SIGNAL SELECT switch: MONO-RIDGE
  - POWER SELECT switch: 500W+500W
  - Output terminal: SPEAKER A1 (1+, 2+)
  - Load resistance: 8 ohm (1000W or more)
- Unless otherwise specified, the load resistance of the speakers should be connected only when performing inspection.
- Set all the INPUT CH1 to 20 (EMX5000-20) / CH1 to 12 (EMX500-12), ST SUB IN 2 and 2TR IN level controls to the MIN position.
  - Other than the above, use the same settings as described under "Inspection 1" for inspection.
- Connection of measuring equipment



## 2 GAIN

- Input a -22.0dBs signal to the input terminal and check that  $+22.2 \pm 2$  dBs output is obtained.

## 3 FREQUENCY RESPONSE

- Input -22.0dBs signals to the input terminal and check that the output voltage when the signal frequency is 20Hz or 20kHz is within the range of  $\pm 1/-3$ dB with 1kHz used as a reference.

## C. OTHER INSPECTION

### 1 POWER VOLTAGE VARIATION

- Check that no abnormality occurs with operation even when the power voltage is varied by  $\pm 10\%$ .

## D. FACTORY SETTINGS

- |                                          |                 |
|------------------------------------------|-----------------|
| • EQ (GAIN), GEQ, PAN, BAL               | CENTER          |
| • PROGRAM select                         | 1               |
| • All VR/FADER controls other than above | MINIMUM         |
| • All push switches                      | OFF (light off) |
| • PHANTOM switch                         | OFF             |
| • SIGNAL SELECT switch                   | MAIN (L, R)     |
| • POWER SELECT switch                    | 500W+500W       |
| • YAMAHA SPEAKER PROCESSING switch       | ON              |

















# EMX 5000-12/20

## POWERED MIXER

# PARTS LIST

### ■ CONTENTS

|                  |   |
|------------------|---|
| OVERALL ASSEMBLY | 2 |
| ELECTRICAL PARTS | 6 |

### Notes : DESTINATION ABBREVIATIONS

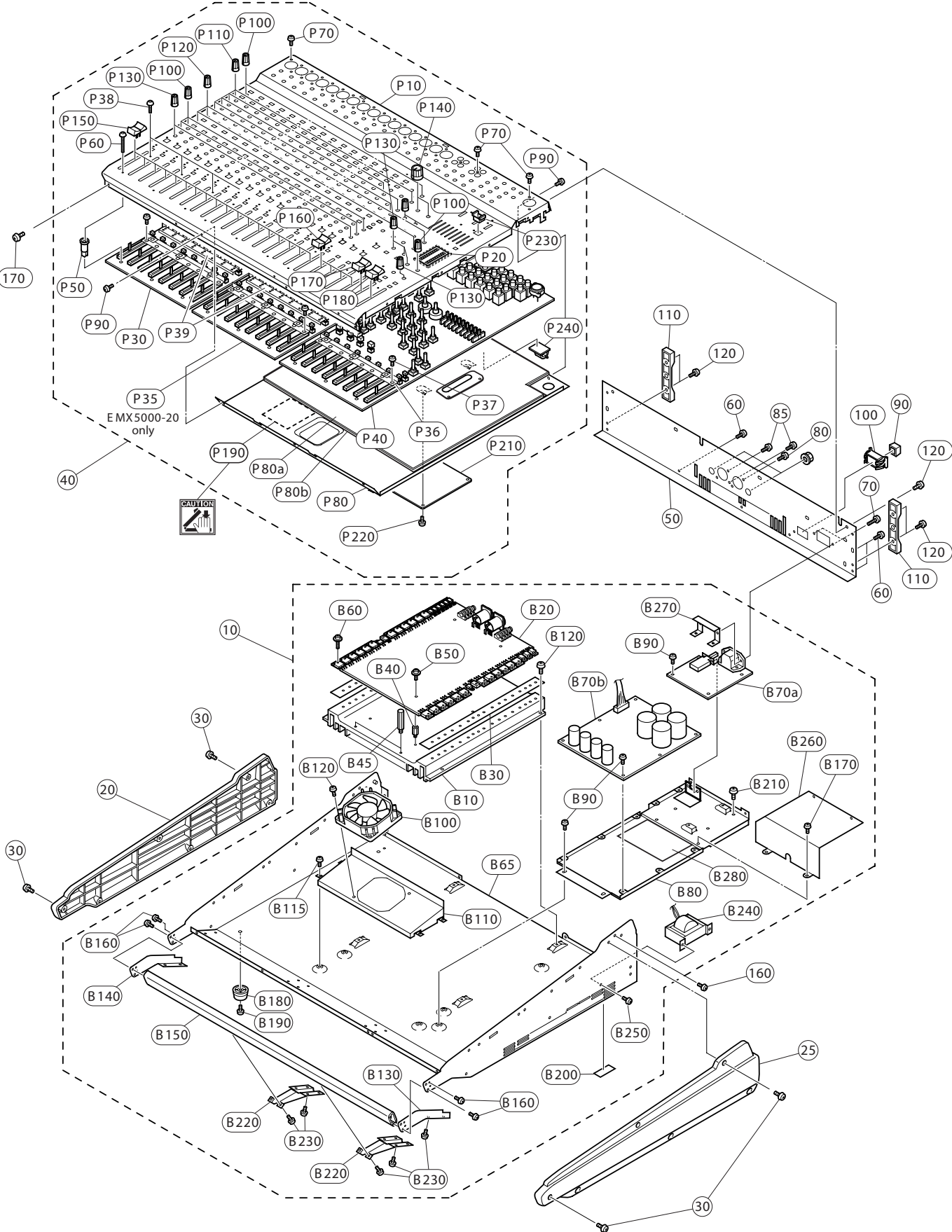
|                          |                                 |
|--------------------------|---------------------------------|
| A : Australian model     | M : South African model         |
| B : British model        | O : Chinese model               |
| C : Canadian model       | Q : South-east Asia model       |
| D : German model         | T : Taiwan model                |
| E : European model       | U : U.S.A. model                |
| F : French model         | V : General export model (110V) |
| H : North European model | W : General export model (220)  |
| I : Indonesian model     | N,X: General export model       |
| J : Japanese model       | Y : Export model                |
| K : Korean model         |                                 |

### ■ WARNING

Components having special characteristics are marked  and must be replaced with parts having specification equal to those originally installed.

- The numbers "QTY" show quantities for each unit.
- The parts with "--" in "PART NO." are not available as spare parts.
- This mark "}" in the REMARKS column means these parts are interchangeable.
- The second letter of the shaded (  ) part number is O, not zero.
- The second letter of the shaded (  ) part number is I, not one.

OVERALL ASSEMBLY



| REF NO. | PART NO.            | DESCRIPTION                    |                      | REMARKS                      | QTY | RANK |
|---------|---------------------|--------------------------------|----------------------|------------------------------|-----|------|
|         | --                  | OVERALL ASSEMBLY               |                      | EMX5000-12/20                |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-20 J (V849350)       |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-20 U,V (V849360)     |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-20 H,B,W (V849370)   |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-20 A (V849380)       |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-20 K (V945780)       |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-12 J (V821180)       |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-12 U,V (V821190)     |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-12 H,B,W (V821210)   |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-12 A (V821220)       |     |      |
|         | --                  | Overall Assembly               |                      | EMX5000-12 K (V945720)       |     |      |
|         | <b>VV104600</b>     | Cord Holder                    | CV-100               |                              | 2   | 01   |
|         | --                  | Name Plate                     | KOREA                | EMX5000-20 K (V945790)       |     |      |
|         | --                  | Name Plate                     | KOREA                | EMX5000-12 K (V945730)       |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-20 J (V849400)       |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-20 U,V (V849410)     |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-20 H,B,W,K (V849420) |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-20 A (V849430)       |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-12 J (V848310)       |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-12 U,V (V848340)     |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-12 H,B,W,K (V848350) |     |      |
| 10      | --                  | Bottom Assembly                |                      | EMX5000-12 A (V848360)       |     |      |
| *       | <b>V8427400</b>     | Side Pad                       | LEFT                 |                              |     |      |
| *       | <b>V8427500</b>     | Side Pad                       | RIGHT                |                              |     |      |
| 30      | <b>EG340190</b>     | Bind Head Tapping Screw-B      | 4.0X8 MFZN2BL        |                              | 6   | 01   |
| 40      | --                  | Panel Assembly                 |                      | EMX5000-20 (V849390)         |     |      |
| 40      | --                  | Panel Assembly                 |                      | EMX5000-12 (V848240)         |     |      |
| *       | <b>V8422700</b>     | Rear Panel                     |                      | EMX5000-20 J                 |     |      |
| *       | <b>V8422800</b>     | Rear Panel                     |                      | EMX5000-20 U,V               |     |      |
| *       | <b>V8422900</b>     | Rear Panel                     |                      | EMX5000-20 H,B,W,K           |     |      |
| *       | <b>V8423000</b>     | Rear Panel                     |                      | EMX5000-20 A                 |     |      |
| *       | <b>V8421000</b>     | Rear Panel                     |                      | EMX5000-12 J                 |     |      |
| *       | <b>V8421200</b>     | Rear Panel                     |                      | EMX5000-12 U,V               |     |      |
| *       | <b>V8421300</b>     | Rear Panel                     |                      | EMX5000-12 H,B,W,K           |     |      |
| *       | <b>V8421400</b>     | Rear Panel                     |                      | EMX5000-12 A                 |     |      |
| 60      | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        | EMX5000-20 J,U,V,H,B,W,K     | 11  | 01   |
| 60      | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        | EMX5000-20 A                 | 10  | 01   |
| 60      | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        | EMX5000-12                   | 10  | 01   |
| 70      | <b>VQ074600</b>     | Bind Head Tapping Screw-B      | 3.0X12 MFZN2BL       |                              | 2   | 01   |
| 80      | <b>VN413300</b>     | Bonding Tapping Screw-B        | 3.0X8 MFZN2BL        |                              |     | 01   |
| 85      | <b>V9568800</b>     | Flat Fillister H.Tapping Screw | #B (+) 3.0X8 MFZN2BL |                              | 4   | 01   |
| 90      | <b>VU859000</b>     | Power Switch Knob              |                      | POWER SW                     |     | 01   |
| 100     | <b>VU859100</b>     | Escutcheon, Power Switch       |                      |                              |     | 02   |
| 110     | <b>V8490400</b>     | Connector Guard                |                      |                              | 2   |      |
| 120     | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        |                              | 4   | 01   |
| 160     | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        | EMX5000-20                   | 8   | 01   |
| 160     | <b>EP600230</b>     | Bind Head Tapping Screw-B      | 3.0X6 MFZN2BL        | EMX5000-12                   | 15  | 01   |
| 170     | <b>VR779900</b>     | Bonding Tapping Screw-B        | 4.0X8 MFZN2BL        | EMX5000-20                   | 7   | 01   |
| 170     | <b>VR779900</b>     | Bonding Tapping Screw-B        | 4.0X8 MFZN2BL        | EMX5000-12                   | 6   | 01   |
| 180     | --                  | Label                          |                      | U,V (VA03930)                |     | 03   |
|         | --                  | BOTTOM ASSEMBLY                |                      | EMX5000-20                   |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-20 J (V849400)       |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-20 U,V (V849410)     |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-20 H,B,W,K (V849420) |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-20 A (V849430)       |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-12 J (V848310)       |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-12 U,V (V848340)     |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-12 H,B,W,K (V848350) |     |      |
|         | --                  | Bottom Assembly                |                      | EMX5000-12 A (V848360)       |     |      |
| *       | <b>V8502000</b>     | Connector Assembly             | 24185&24185 10P      |                              |     |      |
| B10     | --                  | Heat Sink                      |                      | (V842330)                    |     |      |
| *       | <b>B20 V8269600</b> | Circuit Board                  | PWR                  |                              |     |      |
| *       | <b>B30 V8424400</b> | Insulation Sheet               |                      |                              | 2   |      |
| B40     | <b>VV086500</b>     | Support                        | H=7.4 B=5.5          |                              | 4   | 01   |
| *       | <b>B45 V9140500</b> | Support                        | H=30 B=5.5           |                              | 2   |      |
| B50     | <b>EG330290</b>     | Bind Head Screw                | SP 3.0X8 MFZN2Y      |                              | 4   | 01   |
| B60     | <b>VJ470900</b>     | Pan Head Screw                 | SPK 3.0X12 MFZN2Y    |                              | 34  |      |
| *       | <b>B65 V8420700</b> | Bottom Chassis                 |                      | EMX5000-20                   |     |      |
| * B65   | <b>V8420600</b>     | Bottom Chassis                 |                      | EMX5000-12                   |     |      |

\*: New Parts

RANK: Japan only

| REF NO.    | PART NO.           | DESCRIPTION               |                    | REMARKS                                                                                           | QTY | RANK |
|------------|--------------------|---------------------------|--------------------|---------------------------------------------------------------------------------------------------|-----|------|
| * B70a     | AAX33190           | Circuit Board             | SMPS 1/2           | J (V826930,X0627B0)                                                                               |     |      |
| B70a       | AAX33200           | Circuit Board             | SMPS 1/2           | U,V (V826940,X0627B0)                                                                             |     |      |
| * B70a     | AAX33210           | Circuit Board             | SMPS 1/2           | H,B,W,K (V826950,X0627B0)                                                                         |     |      |
| * B70a     | AAX71680           | Circuit Board             | SMPS 1/2           | A (X848520,X0627B0)                                                                               |     |      |
| * B70b     | AAX74520           | Circuit Board             | SMPS 2/2           | J (V826930,X0627B0)                                                                               |     |      |
| * B70b     | AAX74530           | Circuit Board             | SMPS 2/2           | U,V (V826940,X0627B0)                                                                             |     |      |
| * B70b     | AAX33230           | Circuit Board             | SMPS 2/2           | H,B,W,K (V826950,X0627B0)                                                                         |     |      |
| * B70b     | AAX33250           | Circuit Board             | SMPS 2/2           | A (V848520,X0627B0)                                                                               |     |      |
| B80        | --                 | Switching Board Holder    |                    | (V842770)                                                                                         |     |      |
| B90        | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 13  | 01   |
| B100       | V6024100           | Fan                       | 3110GL-B5W-B50-H01 |                                                                                                   |     | 08   |
| B110       | --                 | Fan Shield                |                    | (V842450)                                                                                         |     |      |
| B115       | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 4   | 01   |
| B120       | EP600240           | Bind Head Tapping Screw-B | 4.0X10 MFZN2BL     | DC FAN                                                                                            | 6   | 01   |
| * B130     | V8424600           | Angle Bracket             | RIGHT              |                                                                                                   |     |      |
| * B140     | V8424700           | Angle Bracket             | LEFT               |                                                                                                   |     |      |
| * B150     | V8424900           | Handle                    |                    | EMX5000-20                                                                                        |     |      |
| * B150     | V8424800           | Handle                    |                    | EMX5000-12                                                                                        |     |      |
| B160       | EP600240           | Bind Head Tapping Screw-B | 4.0X10 MFZN2BL     |                                                                                                   | 4   | 01   |
| B170       | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 2   | 01   |
| B180       | VV085600           | Leg                       |                    |                                                                                                   | 4   | 01   |
| B190       | VR138400           | Bind Head Tapping Screw-B | 4.0X12 MFZN2BL     |                                                                                                   | 4   | 01   |
| B200       | V7394400           | Screw Cover               |                    | EMX5000-20                                                                                        | 2   |      |
| B200       | V7394400           | Screw Cover               |                    | EMX5000-12                                                                                        | 5   |      |
| B210       | EG340290           | Bind Head Screw           | A4.0X6 MFZN2BL     |                                                                                                   |     | 01   |
| * B220     | V8490500           | Handle Bracket            |                    |                                                                                                   | 2   |      |
| B230       | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 12  | 01   |
| B240       | V8291500           | Coil                      | 4.4mH              | J,H,B,W,A,K                                                                                       |     |      |
| * B240     | V9094700           | Coil                      | 5.4mH              | U,V                                                                                               |     |      |
| B250       | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 2   | 01   |
| B260       | --                 | AC Shield                 |                    | (V842710)                                                                                         |     |      |
| B270       | V8098800           | Angle Bracket, AC Inlet   |                    |                                                                                                   |     | 01   |
| B280       | --                 | Transformer Cover         |                    | (V765040)                                                                                         |     |      |
|            |                    | PANEL ASSEMBLY            |                    |                                                                                                   |     |      |
|            | --                 | Panel Assembly            |                    | EMX5000-20 (V849390)                                                                              |     |      |
|            | --                 | Panel Assembly            |                    | EMX5000-12 (V848240)                                                                              |     |      |
| * MFA12060 | Card Cable         | 12P 60MM P=1.0            |                    | EMX5000-20                                                                                        | 4   | 01   |
| * MFA12060 | Card Cable         | 12P 60mm P=1.0            |                    | EMX5000-12                                                                                        | 2   | 01   |
| * V8502500 | Connector Assembly | 24185&2426 15P370L        |                    |                                                                                                   |     |      |
| * V8502600 | Connector Assembly | 24185&2426 2P 400L        |                    |                                                                                                   |     |      |
|            | --                 | FFC Cable                 | BNCDP=1.25K-35-110 | (V910530)                                                                                         |     |      |
| * P10      | V8420500           | Control Panel             |                    | EMX5000-20                                                                                        |     |      |
| * P10      | V8420400           | Control Panel             |                    | EMX5000-12                                                                                        |     |      |
| * P20      | V8427300           | LED Cover                 |                    |                                                                                                   |     |      |
| * P30      | V8267400           | Circuit Board             | IN8                |                                                                                                   |     |      |
| * P35      | V9093100           | Circuit Board             | IN16               | EMX5000-20                                                                                        |     |      |
| P36        | --                 | Angle Bracket             | SLIDE VR           | EMX5000-20 (V914040)                                                                              | 3   |      |
| P36        | --                 | Angle Bracket             | SLIDE VR           | EMX5000-12 (V914040)                                                                              | 2   |      |
| * P37      | V9285700           | Bind Head Screw           | 2.0X4 MFZN2Y SP    | EMX5000-20                                                                                        | 24  |      |
| * P37      | V9285700           | Bind Head Screw           | 2.0X4 MFZN2Y SP    | EMX5000-12                                                                                        | 16  |      |
| * P38      | V9156000           | Screw                     | 3X6 MFZNBL         | EMX5000-20                                                                                        | 9   |      |
| * P38      | V9156000           | Screw                     | 3X6 MFZNBL         | EMX5000-12                                                                                        | 6   |      |
| P39        | --                 | LED Spacer                |                    | EMX5000-20 (V929180)                                                                              | 2   |      |
| P39        | --                 | LED Spacer                |                    | EMX5000-12 (V929180)                                                                              | 1   |      |
| * P40      | V8267500           | Circuit Board             | MAS                |                                                                                                   |     |      |
| P50        | V3291600           | PCB Support               | NEW NIFCO          | EMX5000-20                                                                                        | 29  | 01   |
| P50        | V3291600           | PCB Support               | NEW NIFCO          | EMX5000-12                                                                                        | 20  | 01   |
| P60        | V3289800           | Screw                     | 3X25 MFZNBL        | EMX5000-20                                                                                        | 29  | 01   |
| P60        | V3289800           | Screw                     | 3X25 MFZNBL        | EMX5000-12                                                                                        | 20  | 01   |
| P70        | VN413300           | Bonding Tapping Screw-B   | 3.0X8 MFZN2BL      | EMX5000-20                                                                                        | 36  | 01   |
| P70        | VN413300           | Bonding Tapping Screw-B   | 3.0X8 MFZN2BL      | EMX5000-12                                                                                        | 20  | 01   |
| P80        | --                 | Shield Sheet              | MAIN               | (V842320)                                                                                         |     |      |
| P80a       | --                 | Shield Sheet              | SUB V              | (V928030)                                                                                         |     |      |
| P80b       | --                 | Shield Sheet              | SUB H              | (V928040)                                                                                         |     |      |
| P90        | EP600230           | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL      |                                                                                                   | 6   | 01   |
| P100       | V6225600           | Knob                      | L-GRAY/M-GRAY      | EMX5000-20<br>GAIN(CH1-16,17/18,19/20),<br>EFF1(CH1-16,17/18,19/20),<br>EFF2(CH1-16,17/18,19/20), | 57  | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION               |                  |  | REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QTY | RANK     |
|---------|----------|---------------------------|------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| P100    | V6225600 | Knob                      | L-GRAY/M-GRAY    |  | PARAMETER<br>(EFFECT1 RTN,EFFECT2 RTN)<br>PHONES<br>EMX5000-12<br>GAIN(CH1-12),EFF1(CH1-12),<br>EFF2(CH1-12),PARAMETER<br>(EFFECT1 RTN,EFFECT2 RTN),<br>PHONES)<br>EMX5000-20<br>HIGH(CH1-16,17/18,19/20),<br>MID-f(CH1-16),<br>MID(CH1-16,17/18,19/20),<br>LOW(CH1-16,17/18,19/20)<br>EMX5000-12<br>HIGH(CH1-12),MID-f(CH1-8)<br>MID(CH1-12),LOW(CH1-12)<br>EMX5000-20<br>AUX1-2(CH1-16,17/18,19/20,<br>EFFECT1 RTN,EFFECT2 RTN,<br>ST SUB IN1,ST SUB IN2)<br>EMX5000-12<br>AUX1-2(CH1-12,EFFECT1 RTN,<br>EFFECT2 RTN,ST SUB IN1/ST<br>SUB IN2)<br>EMX5000-20 IN1<br>PAN(CH1-16,17/18,19/20),<br>ST(ST SUB IN1,ST SUB IN2,<br>2TR IN),ST SU<br>OUT<br>EMX5000-12<br>PAN(CH1-12),ST(ST SUB IN1<br>/ST SUB IN2/2TR IN),ST SU<br>OUT<br>PROGRAM(EFFCT1,EFFCT2)<br>EMX5000-20 FADER(CH1-20)<br>EMX5000-12 FADER(CH1-12)<br>FADER(EFFECT1 RTN,EFFECT2<br>RTN,AUX1,AUX2)<br>FADER(MONO OUT)<br>FADER(ST OUT)<br>(V385110)<br>(V826730,X2259A0) | 33  | 01       |
| P110    | V6225300 | Knob                      | GREEN/M-GRAY     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 72  | 01       |
| P110    | V6225300 | Knob                      | GREEN/M-GRAY     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38  | 01<br>01 |
| P120    | V6225400 | Knob                      | BLUE/M-GRAY      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44  | 01       |
| P120    | V6225400 | Knob                      | BLUE/M-GRAY      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28  | 01<br>01 |
| P130    | V6225500 | Knob                      | RED/M-GRAY       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22  | 01       |
| P130    | V6225500 | Knob                      | RED/M-GRAY       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14  | 01       |
| P140    | V6225700 | Knob                      | L-GRAY/D-GRAY    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2   | 01       |
| P150    | V2947000 | Fader Knob                | BLACK/N-GRAY     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18  | 01       |
| P150    | V2947000 | Fader Knob                | BLACK/N-GRAY     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10  | 01       |
| P160    | V6623300 | Fader Knob                | D-RED/CD-GRAY    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4   | 01       |
| P170    | V7369500 | Fader Knob                | N-GRAY/BLACK     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 01       |
| P180    | V6623400 | Fader Knob                | N-GRAY/D-RED     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 01       |
| P190    | --       | Label                     |                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |          |
| * P210  | AAX33240 | Circuit Board             | DSP-SPX          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |          |
| P220    | EP600230 | Bind Head Tapping Screw-B | 3.0X6 MFZN2BL    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4   | 01       |
| P230    | V8273100 | Mute Guard                |                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |          |
| P240    | VZ765100 | Cord Binder               | TS-0708 KSS      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 02       |
|         |          | ACCESSORIES               |                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |          |
|         | V7240300 | AC Cord                   | J VCTF 0.75X3    |  | EMX5000-20/12<br>J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |          |
|         | V6284300 | AC Cord                   | UC SJT#18X3      |  | U,V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 05       |
|         | V6284400 | AC Cord                   | E H05VV-FX3 0.75 |  | H,W,B,K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | 06       |
|         | V6283900 | AC Cord                   | BS H05VV-F3X0.75 |  | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 08       |



\*: New Parts

RANK: Japan only

## ELECTRICAL PARTS

| REF NO. | PART NO. | DESCRIPTION              |                | REMARKS                   | QTY | RANK |
|---------|----------|--------------------------|----------------|---------------------------|-----|------|
|         |          | ELECTORICAL PARTS        |                |                           |     |      |
| *       | AAX33240 | Circuit Board            | DSP-SPX PRESTO | (V826730,X2259B0)         |     |      |
| *       | V8267400 | Circuit Board            | IN8            | (X0655B0)                 |     |      |
| *       | V9093100 | Cirsuit Board            | IN16           | EMX5000-20 (X0655B0)      |     |      |
| *       | V8267500 | Circuit Board            | MAS            | (X0656B0)                 |     |      |
| *       | V8269600 | Circuit Board            | PWR            | (X0626B0)                 |     |      |
| *       | AAX33190 | Circuit Board            | SMPS 1/2       | J (V826930,X0627B0)       |     |      |
| *       | AAX33200 | Circuit Board            | SMPS 1/2       | U,V (V826940,X0627B0)     |     |      |
| *       | AAX33210 | Circuit Board            | SMPS 1/2       | H,B,W,K (V826950,X0627B0) |     |      |
| *       | AAX71680 | Circuit Board            | SMPS 1/2       | A (X848520,X0627B0)       |     |      |
| *       | AAX74520 | Circuit Board            | SMPS 2/2       | J (V826930,X0627B0)       |     |      |
| *       | AAX74530 | Circuit Board            | SMPS 2/2       | U,V (V826940,X0627B0)     |     |      |
| *       | AAX33230 | Circuit Board            | SMPS 2/2       | H,B,W,K (V826950,X0627B0) |     |      |
| *       | AAX33250 | Circuit Board            | SMPS 2/2       | A (V848520,X0627B0)       |     |      |
|         |          |                          |                |                           |     |      |
| *       | AAX33240 | Circuit Board            | DSP-SPX        | (V826730,X2259B0)         |     |      |
| C101    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C102    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C103    | UR847470 | Electrolytic Cap.        | 47.00 25.0V    |                           |     | 01   |
| C104    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| -108    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C109    | UA954470 | Mylar Capacitor          | 0.0470 50V J   |                           |     | 01   |
| C110    | UR847470 | Electrolytic Cap.        | 47.00 25.0V    |                           |     | 01   |
| C111    | UR847470 | Electrolytic Cap.        | 47.00 25.0V    |                           |     | 01   |
| C113    | UR838100 | Electrolytic Cap.        | 100.00 16.0V   |                           |     | 01   |
| C114    | UR838100 | Electrolytic Cap.        | 100.00 16.0V   |                           |     | 01   |
| C116    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C117    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C119    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C120    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C121    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K   |                           |     | 01   |
| C122    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K   |                           |     | 01   |
| -135    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K   |                           |     | 01   |
| C136    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| C137    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C138    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J      |                           |     | 01   |
| C139    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J      |                           |     | 01   |
| C140    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| -143    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| C144    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C145    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C146    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C147    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C148    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C149    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C150    | UA953150 | Mylar Capacitor          | 1500P 50V J    |                           |     | 01   |
| C151    | UA953150 | Mylar Capacitor          | 1500P 50V J    |                           |     | 01   |
| C152    | UR866100 | Electrolytic Cap.        | 1.00 50.0V     |                           |     | 01   |
| C153    | UR847470 | Electrolytic Cap.        | 47.00 25.0V    |                           |     | 01   |
| C154    | UR847470 | Electrolytic Cap.        | 47.00 25.0V    |                           |     | 01   |
| C155    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J      |                           |     |      |
| C156    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J      |                           |     |      |
| C157    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C158    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J     |                           |     | 01   |
| C159    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| -161    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| C162    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| -164    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C165    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| C166    | UR847100 | Electrolytic Cap.        | 10.00 25.0V    |                           |     | 01   |
| C167    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| -169    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C170    | UR838100 | Electrolytic Cap.        | 100.00 16.0V   |                           |     | 01   |
| C171    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| -174    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C175    | UR838100 | Electrolytic Cap.        | 100.00 16.0V   |                           |     | 01   |
| C176    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| -185    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C187    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |
| C188    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z   |                           |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              |                   | REMARKS         | QTY | RANK |
|---------|----------|--------------------------|-------------------|-----------------|-----|------|
| C189    | UR838100 | Electrolytic Cap.        | 100.00 16.0V      |                 |     | 01   |
| C190    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| -200    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| C201    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K       |                 |     | 01   |
| C202    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K       |                 |     | 01   |
| C203    | UR866100 | Electrolytic Cap.        | 1.00 50.0V        |                 |     | 01   |
| C204    | UR866100 | Electrolytic Cap.        | 1.00 50.0V        |                 |     | 01   |
| C205    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C206    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C301    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K      |                 |     | 01   |
| -309    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| C340    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| -343    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C344    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C345    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| C346    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C347    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| C348    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C349    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C350    | UA953150 | Mylar Capacitor          | 1500P 50V J       |                 |     | 01   |
| C351    | UA953150 | Mylar Capacitor          | 1500P 50V J       |                 |     | 01   |
| C353    | UR847470 | Electrolytic Cap.        | 47.00 25.0V       |                 |     | 01   |
| C354    | UR847470 | Electrolytic Cap.        | 47.00 25.0V       |                 |     | 01   |
| C355    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J         |                 |     | 01   |
| C356    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J         |                 |     | 01   |
| C357    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C358    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J        |                 |     | 01   |
| C359    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| -361    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C362    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| -364    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| C365    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C366    | UR847100 | Electrolytic Cap.        | 10.00 25.0V       |                 |     | 01   |
| C367    | UX145100 | Ceramic Capacitor (Chip) | 0.1000 25V Z      |                 |     | 01   |
| CN101   | VQ046400 | Connector , FFC          | 52044 35P SE      |                 |     | 01   |
| CN104   | VV066500 | Connector Base Post      | M2426XX 5P TE     |                 |     | 01   |
| EM101   | VV056900 | Noise Filter             | ZJSR5101-223TA    |                 |     | 01   |
| -105    | VV056900 | Noise Filter             | ZJSR5101-223TA    |                 |     | 01   |
| IC101   | XU965A00 | IC                       | UPC29M33T-E1      | RAGULATOR +3.3V |     | 03   |
| IC102   | XY650A00 | IC                       | PST595CMT         | SYSTEM RESET    |     | 03   |
| IC103   | XG948E00 | IC                       | YM3436DK          | DIR2            |     | 11   |
| IC104   | XZ110A00 | IC                       | 74HCU04DT         | INVERTER        |     | 01   |
| IC105   | XJ553A00 | IC                       | NJM2068MD-T1      | OP AMP          |     | 02   |
| -107    | XJ553A00 | IC                       | NJM2068MD-T1      | OP AMP          |     | 02   |
| IC108   | XW008A00 | IC                       | AK4522VF-E2       | CONVERTER       |     | 07   |
| * IC109 | X2416A00 | IC                       | M30622MCA-XXXFP   | CPU             |     | 08   |
| IC110   | XT160A00 | IC                       | 93LC56T-I/SN      | EP-ROM 2K       |     | 03   |
| IC111   | XZ108A00 | IC                       | 74HC08DT          | AND             |     | 01   |
| IC112   | XV988A00 | IC                       | YSS910-S          | DSP6            |     | 10   |
| IC113   | XT810B00 | IC                       | MSM514260E-60TS-K | ROM 4M          |     | 07   |
| IC114   | XT810B00 | IC                       | MSM514260E-60TS-K | ROM 4M          |     | 07   |
| IC305   | XJ553A00 | IC                       | NJM2068MD-T1      | OP AMP          |     | 02   |
| -307    | XJ553A00 | IC                       | NJM2068MD-T1      | OP AMP          |     | 02   |
| IC308   | XW008A00 | IC                       | AK4522VF-E2       | CONVERTER       |     | 07   |
| L101    | GE300670 | Ferrite Bead             | BL02RN2-R62T4     |                 |     | 02   |
| -107    | GE300670 | Ferrite Bead             | BL02RN2-R62T4     |                 |     | 02   |
| L110    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| -140    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| L302    | GE300670 | Ferrite Bead             | BL02RN2-R62T4     |                 |     | 02   |
| L330    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| -332    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| L339    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| L340    | V3063400 | Chip Inductance          | BLM18BD601SN1D    |                 |     | 01   |
| Q101    | VV655000 | Digital Transistor       | DTA114EKA TP      |                 |     | 01   |
| Q102    | VV655400 | Digital Transistor       | DTC114EKA TP      |                 |     | 01   |
| Q103    | VD303700 | Transistor               | 2SC3326 A,B TE85R |                 |     | 01   |
| Q104    | VD303700 | Transistor               | 2SC3326 A,B TE85R |                 |     | 01   |
| Q105    | VV655000 | Digital Transistor       | DTA114EKA TP      |                 |     | 01   |
| -107    | VV655000 | Digital Transistor       | DTA114EKA TP      |                 |     | 01   |
| Q303    | VD303700 | Transistor               | 2SC3326 A,B TE85R |                 |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                   | REMARKS | QTY | RANK |
|---------|----------|------------------------|-------------------|---------|-----|------|
| Q304    | VD303700 | Transistor             | 2SC3326 A,B TE85R |         |     | 01   |
| R101    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| R102    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| R107    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J        |         |     |      |
| R108    | RG005470 | Carbon Resistor (chip) | 470 0.1 J         |         |     |      |
| R109    | RG005100 | Carbon Resistor (chip) | 100 0.1 J         |         |     |      |
| R111    | RG009100 | Carbon Resistor (chip) | 1.0M 0.1 J        |         |     |      |
| R112    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| -124    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R125    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| -134    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| R135    | RG004100 | Carbon Resistor (chip) | 10 0.1 J          |         |     |      |
| R136    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| -139    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| R141    | RG009100 | Carbon Resistor (chip) | 1.0M 0.1 J        |         |     |      |
| R142    | RG005100 | Carbon Resistor (chip) | 100 0.1 J         |         |     |      |
| R143    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J         |         |     |      |
| R144    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J         |         |     |      |
| R145    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| R146    | RG004330 | Carbon Resistor (chip) | 33 0.1 J          |         |     |      |
| R147    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| R148    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| R149    | RG004330 | Carbon Resistor (chip) | 33 0.1 J          |         |     |      |
| R150    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| R151    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J        |         |     |      |
| R152    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J        |         |     |      |
| R153    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| -156    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| * R157  | RG005330 | Carbon Resistor (chip) | 330 0.1 J         |         |     |      |
| * -160  | RG005330 | Carbon Resistor (chip) | 330 0.1 J         |         |     |      |
| R161    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R162    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R163    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J        |         |     |      |
| -166    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J        |         |     |      |
| R167    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| -169    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| R170    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R171    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| * R172  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J        |         |     |      |
| * R173  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J        |         |     |      |
| R174    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| * R175  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J        |         |     |      |
| * R176  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J        |         |     |      |
| R178    | RG203470 | Carbon Resistor (chip) | 4.7 1/4 J         |         |     |      |
| R179    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| -181    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R183    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R186    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J        |         |     |      |
| R187    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| -189    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R190    | RG009100 | Carbon Resistor (chip) | 1.0M 0.1 J        |         |     |      |
| R191    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| R192    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R193    | RG005100 | Carbon Resistor (chip) | 100 0.1 J         |         |     |      |
| R194    | RG005100 | Carbon Resistor (chip) | 100 0.1 J         |         |     |      |
| R195    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R196    | RG005100 | Carbon Resistor (chip) | 100 0.1 J         |         |     |      |
| R201    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| -234    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R237    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| R301    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J         |         |     |      |
| R302    | RG004100 | Carbon Resistor (chip) | 10 0.1 J          |         |     |      |
| R303    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| R304    | RG006100 | Carbon Resistor (chip) | 1.0K 0.1 J        |         |     |      |
| R305    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| -308    | RG000000 | Carbon Resistor (chip) | 0 0.1 J           |         |     |      |
| R343    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J         |         |     |      |
| R344    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J         |         |     |      |
| R345    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J        |         |     |      |
| R346    | RG004330 | Carbon Resistor (chip) | 33 0.1 J          |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO.    | PART NO. | DESCRIPTION              |                  | REMARKS                   | QTY | RANK |
|------------|----------|--------------------------|------------------|---------------------------|-----|------|
| R347       | RG006470 | Carbon Resistor (chip)   | 4.7K 0.1 J       |                           |     |      |
| R348       | RG006470 | Carbon Resistor (chip)   | 4.7K 0.1 J       |                           |     |      |
| R349       | RG004330 | Carbon Resistor (chip)   | 33 0.1 J         |                           |     |      |
| R350       | RG006470 | Carbon Resistor (chip)   | 4.7K 0.1 J       |                           |     |      |
| R351       | RG006330 | Carbon Resistor (chip)   | 3.3K 0.1 J       |                           |     |      |
| R352       | RG006330 | Carbon Resistor (chip)   | 3.3K 0.1 J       |                           |     |      |
| R353       | RG006470 | Carbon Resistor (chip)   | 4.7K 0.1 J       |                           |     |      |
| -356       | RG006470 | Carbon Resistor (chip)   | 4.7K 0.1 J       |                           |     |      |
| * R357     | RG005330 | Carbon Resistor (chip)   | 330 0.1 J        |                           |     |      |
| * -360     | RG005330 | Carbon Resistor (chip)   | 330 0.1 J        |                           |     |      |
| R361       | RG007100 | Carbon Resistor (chip)   | 10K 0.1 J        |                           |     |      |
| R362       | RG007100 | Carbon Resistor (chip)   | 10K 0.1 J        |                           |     |      |
| R363       | RG008100 | Carbon Resistor (chip)   | 100K 0.1 J       |                           |     |      |
| -366       | RG008100 | Carbon Resistor (chip)   | 100K 0.1 J       |                           |     |      |
| R368       | RG006100 | Carbon Resistor (chip)   | 1.0K 0.1 J       |                           |     |      |
| R369       | RG006100 | Carbon Resistor (chip)   | 1.0K 0.1 J       |                           |     |      |
| R370       | RG007100 | Carbon Resistor (chip)   | 10K 0.1 J        |                           |     |      |
| R371       | RG007100 | Carbon Resistor (chip)   | 10K 0.1 J        |                           |     |      |
| * R372     | RG006120 | Carbon Resistor (chip)   | 1.2K 0.1 J       |                           |     |      |
| * R373     | RG006120 | Carbon Resistor (chip)   | 1.2K 0.1 J       |                           |     |      |
| * R375     | RG006120 | Carbon Resistor (chip)   | 1.2K 0.1 J       |                           |     |      |
| * R376     | RG006120 | Carbon Resistor (chip)   | 1.2K 0.1 J       |                           |     |      |
| R378       | RG203470 | Carbon Resistor (chip)   | 4.7 1/4 J        |                           |     |      |
| X101       | VY891500 | Quartz Crystal Unit      | 12.288 SMD-49    |                           |     | 03   |
| X102       | V3811500 | Ceramic Resonator        | 16.00M CSTCV16.0 |                           |     | 01   |
| X103       | V3743900 | Ceramic Resonator        | 30.00M CSTCV30M0 |                           |     | 02   |
| * V8267400 |          | Circuit Board            | IN8              | (X0655B0)                 |     |      |
| V4467500   |          | Button                   | CD-GRAY/WHITE    | PLF(CH1-8),AUX1(CH1-8),AU | 40  | 01   |
|            |          |                          |                  | X2(CH1-8),GAIN 0dB(CH1-8) | 40  | 01   |
|            |          |                          |                  | GAIN 26dB(CH1-8)          | 40  | 01   |
|            | VV307300 | LED Spacer               |                  |                           | 25  | 01   |
|            | VZ968600 | Button                   | NO.947 CD-GRAY   | CH ON(CH1-8)              | 8   | 01   |
|            | --       | Jumper Wire              | 0.60             | (VV29140)                 | 319 | 01   |
|            | --       | Jumper Wire              | 0.60 TP          | (V829020)                 | 21  | 01   |
| C101       | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V      |                           |     | 01   |
| C102       | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V      |                           |     | 01   |
| C103       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| C104       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| * C105     | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K       |                           |     |      |
| * -107     | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K       |                           |     |      |
| C108       | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D        |                           |     | 01   |
| C109       | UR828470 | Electrolytic Cap.        | 470.00 10.0V     |                           |     | 01   |
| * C110     | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K       |                           |     |      |
| C111       | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D        |                           |     | 01   |
| C112       | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J       |                           |     |      |
| C113       | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J        |                           |     |      |
| C114       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| C115       | VZ597300 | Mylar Capacitor          | 0.091 50V J      |                           |     | 01   |
| C116       | VZ597300 | Mylar Capacitor          | 0.091 50V J      |                           |     | 01   |
| C117       | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J       |                           |     | 01   |
| C118       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| C119       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| C120       | UA954390 | Mylar Capacitor          | 0.0390 50V J     |                           |     | 01   |
| C121       | VV190000 | Mylar Capacitor          | 820P 50V J       |                           |     | 01   |
| C122       | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J        |                           |     |      |
| C123       | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J       |                           |     | 01   |
| C124       | UA953390 | Mylar Capacitor          | 3900P 50V J      |                           |     | 01   |
| C125       | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J       |                           |     | 01   |
| C126       | UA954100 | Mylar Capacitor          | 0.0100 50V J     |                           |     | 01   |
| C127       | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J        |                           |     | 01   |
| C128       | UR847470 | Electrolytic Cap.        | 47.00 25.0V      |                           |     | 01   |
| C129       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |
| C130       | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K      |                           |     | 01   |
| C131       | UR866470 | Electrolytic Cap.        | 4.70 50.0V       |                           |     | 01   |
| C132       | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J       |                           |     | 01   |
| -134       | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J       |                           |     | 01   |
| C135       | UR847470 | Electrolytic Cap.        | 47.00 25.0V      |                           |     | 01   |
| C136       | UR866470 | Electrolytic Cap.        | 4.70 50.0V       |                           |     | 01   |
| C137       | UR847100 | Electrolytic Cap.        | 10.00 25.0V      |                           |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| C138    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C139    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C140    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C141    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C142    | UR877100 | Electrolytic Cap.        | 10.00 63.0V  |         |     | 01   |
| C143    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -156    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C201    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C202    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C203    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C204    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C205  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -207  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C208    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C209    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C210  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C211    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C212    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C213    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C214    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C215    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C216    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C217    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C218    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C219    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C220    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C221    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C222    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C223    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C224    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C225    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C226    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C227    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C228    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C229    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C230    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C231    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C232    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -234    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C235    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C236    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C237    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C238    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C239    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C240    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C241    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C242    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C243    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C301    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C302    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C303    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C304    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C305  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -307  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C308    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C309    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C310  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C311    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C312    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C313    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C314    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C315    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C316    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C317    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C318    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C319    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C320    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C321    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C322    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C323    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| C324    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C325    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C326    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C327    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C328    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C329    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C330    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C331    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C332    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C333    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C334    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C335    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C336    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C337    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C338    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C339    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C340    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C341    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C342    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -355    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C401    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C402    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C403    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C404    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C405  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -407  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C408    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C409    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C410  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C411    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C412    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C413    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C414    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C415    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C416    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C417    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C418    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C419    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C420    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C421    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C422    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C423    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C424    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C425    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C426    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C427    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C428    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C429    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C430    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C431    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C432    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C433    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C434    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C435    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C436    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C437    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C438    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C439    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C440    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C441    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C442    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C443    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C501    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C502    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C503    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C504    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C505  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -507  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C508    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C509    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| * C510  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C511    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C512    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C513    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C514    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C515    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C516    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C517    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C518    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C519    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C520    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C521    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C522    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C523    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C524    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C525    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C526    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C527    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C528    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C529    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C530    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C531    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C532    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C533    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C534    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C535    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C536    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C537    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C538    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C539    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C540    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C541    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C542    | UR877100 | Electrolytic Cap.        | 10.00 63.0V  |         |     | 01   |
| C543    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -556    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C601    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C602    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C603    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C604    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C605  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -607  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C608    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C609    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C610  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C611    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C612    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C613    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C614    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C615    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C616    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C617    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C618    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C619    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C620    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C621    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C622    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C623    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C624    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C625    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C626    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C627    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C628    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C629    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C630    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C631    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C632    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -634    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C635    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C636    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C637    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |

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|---------|----------|--------------------------|--------------|---------|-----|------|
| C638    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C639    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C640    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C641    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C642    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C643    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C701    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C702    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C703    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C704    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C705  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * C706  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * C707  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C708    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C709    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C710  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C711    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C712    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C713    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C714    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C715    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C716    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C717    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C718    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C719    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C720    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C721    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C722    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C723    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C724    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C725    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C726    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C727    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C728    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C729    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C730    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C731    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C732    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -734    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C735    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C736    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C737    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C738    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C739    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C740    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C741    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C742    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -755    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C801    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C802    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C803    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C804    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C805  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -807  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C808    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C809    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C810  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C811    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C812    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C813    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C814    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C815    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C816    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C817    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C818    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C819    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C820    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C821    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C822    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C823    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |

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|---------|----------|--------------------------|--------------------|---------------|-----|------|
| C824    | UA953390 | Mylar Capacitor          | 3900P 50V J        |               |     | 01   |
| C825    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |               |     | 01   |
| C826    | UA954100 | Mylar Capacitor          | 0.0100 50V J       |               |     | 01   |
| C827    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J          |               |     | 01   |
| C828    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |               |     | 01   |
| C829    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |               |     | 01   |
| C830    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K        |               |     | 01   |
| C831    | UR866470 | Electrolytic Cap.        | 4.70 50.0V         |               |     | 01   |
| C832    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |               |     | 01   |
| -834    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |               |     | 01   |
| C835    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |               |     | 01   |
| C836    | UR866470 | Electrolytic Cap.        | 4.70 50.0V         |               |     | 01   |
| C837    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |               |     | 01   |
| C838    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |               |     | 01   |
| C839    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |               |     | 01   |
| C840    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J          |               |     |      |
| C841    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |               |     | 01   |
| C842    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K       |               |     | 01   |
| C843    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K       |               |     | 01   |
| CN903   | V2156500 | FMN Connector            | FMN 12P TE         |               |     | 03   |
| CN904   | V2156500 | FMN Connector            | FMN 12P TE         |               |     | 03   |
| D101    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D102    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D201    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D202    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D301    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D302    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D401    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D402    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D501    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D502    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D601    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D602    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D701    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D702    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D801    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| D802    | VT332900 | Diode                    | 1SS355 TE-17       |               |     | 01   |
| IC101   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| -105    | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC106   | IG103520 | IC                       | NJM4558M(T1)       | OP AMP        |     | 03   |
| IC107   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC201   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC301   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| -305    | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC306   | IG103520 | IC                       | NJM4558M(T1)       | OP AMP        |     | 03   |
| IC307   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC401   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC501   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| -505    | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC506   | IG103520 | IC                       | NJM4558M(T1)       | OP AMP        |     | 03   |
| IC507   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC601   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC701   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| -705    | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC706   | IG103520 | IC                       | NJM4558M(T1)       | OP AMP        |     | 03   |
| IC707   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| IC801   | XJ553A00 | IC                       | NJM2068MD-T1       | OP AMP        |     | 02   |
| JK101   | V6127200 | XLM Connector            | JACK JY-5042       | INPUT A (CH1) |     | 03   |
| JK102   | V3939200 | Phone Jack               | JY6351J-46-250 2SW | INPUT B (CH1) |     | 02   |
| JK103   | V2886000 | Phone Jack               | JY-6351J-06-340    | INSERT (CH1)  |     | 02   |
| JK201   | V6127200 | XLM Connector            | JACK JY-5042       | INPUT A (CH2) |     | 03   |
| JK202   | V3939200 | Phone Jack               | JY6351J-46-250 2SW | INPUT B (CH2) |     | 02   |
| JK203   | V2886000 | Phone Jack               | JY-6351J-06-340    | INSERT (CH2)  |     | 02   |
| JK301   | V6127200 | XLM Connector            | JACK JY-5042       | INPUT A (CH3) |     | 03   |
| JK302   | V3939200 | Phone Jack               | JY6351J-46-250 2SW | INPUT B (CH3) |     | 02   |
| JK303   | V2886000 | Phone Jack               | JY-6351J-06-340    | INSERT (CH3)  |     | 02   |
| JK401   | V6127200 | XLM Connector            | JACK JY-5042       | INPUT A (CH4) |     | 03   |
| JK402   | V3939200 | Phone Jack               | JY6351J-46-250 2SW | INPUT B (CH4) |     | 02   |
| JK403   | V2886000 | Phone Jack               | JY-6351J-06-340    | INSERT (CH4)  |     | 02   |
| JK501   | V6127200 | XLM Connector            | JACK JY-5042       | INPUT A (CH5) |     | 03   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION       |                    | REMARKS       | QTY | RANK |
|---------|----------|-------------------|--------------------|---------------|-----|------|
| JK502   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B (CH5) |     | 02   |
| JK503   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT (CH5)  |     | 02   |
| JK601   | V6127200 | XLN Connector     | JACK JY-5042       | INPUT A (CH6) |     | 03   |
| JK602   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B (CH6) |     | 02   |
| JK603   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT (CH6)  |     | 02   |
| JK701   | V6127200 | XLN Connector     | JACK JY-5042       | INPUT A (CH7) |     | 03   |
| JK702   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B (CH7) |     | 02   |
| JK703   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT (CH7)  |     | 02   |
| JK801   | V6127200 | XLN Connector     | JACK JY-5042       | INPUT A (CH8) |     | 03   |
| JK802   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B (CH8) |     | 02   |
| JK803   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT (CH8)  |     | 02   |
| * LD101 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH1)       |     | 01   |
| * LD102 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH1)     |     | 01   |
| * LD103 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH1)   |     | 01   |
| * LD201 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH2)       |     | 01   |
| * LD202 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH2)     |     | 01   |
| * LD203 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH2)   |     | 01   |
| * LD301 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH3)       |     | 01   |
| * LD302 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH3)     |     | 01   |
| * LD303 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH3)   |     | 01   |
| * LD401 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH4)       |     | 01   |
| * LD402 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH4)     |     | 01   |
| * LD403 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH4)   |     | 01   |
| * LD501 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH5)       |     | 01   |
| * LD502 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH5)     |     | 01   |
| * LD503 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH5)   |     | 01   |
| * LD601 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH6)       |     | 01   |
| * LD602 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH6)     |     | 01   |
| * LD603 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH6)   |     | 01   |
| * LD701 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH7)       |     | 01   |
| * LD702 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH7)     |     | 01   |
| * LD703 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH7)   |     | 01   |
| * LD801 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH8)       |     | 01   |
| * LD802 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH8)     |     | 01   |
| * LD803 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH8)   |     | 01   |
| * LD901 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PHANTOM       |     | 01   |
| * Q101  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q102  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q103  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q104  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q201  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q202  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q203  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q204  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q301  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q302  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q303  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q304  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q401  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q402  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q403  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q404  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q405  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q501  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q502  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q503  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q504  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q601  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q602  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q603  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q604  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q701  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q702  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q703  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q704  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q801  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q802  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |               |     | 01   |
| * Q803  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |               |     | 01   |
| * Q804  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |
| * Q805  | VV556400 | Transistor        | 2SC2412K Q,R,S     |               |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION             |                 | REMARKS | QTY | RANK |
|---------|----------|-------------------------|-----------------|---------|-----|------|
| * R101  | RG005180 | Carbon Resistor (chip)  | 180 0.1 J       |         |     |      |
| R102    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| R103    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| * R104  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R105  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R106    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R107    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R108  | RF356110 | Carbon Resistor (chip)  | 1.1K : D 1608   |         |     |      |
| R109    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R110  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R111  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R112    | RG007220 | Carbon Resistor (chip)  | 22K 0.1 J       |         |     |      |
| R113    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| * R114  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R115  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R116    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R117  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R118  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| * R119  | RF354200 | Carbon Resistor (chip)  | 20.0 : D 1608   |         |     | 01   |
| * R120  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| * R121  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R122  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| * R123  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| R124    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R125  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| * R126  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| R127    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| * R128  | RG007150 | Carbon Resistor (chip)  | 15K 0.1 J       |         |     |      |
| R129    | RG007300 | Carbon Resistor (chip)  | 30K 0.1 J       |         |     |      |
| R130    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R131    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R132    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R133    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R134    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R135    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R136    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R137    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R138    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R139    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R140    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R141    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R142    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R143    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R144    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| -146    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R147    | RG007560 | Carbon Resistor (chip)  | 56K 0.1 J       |         |     |      |
| R148    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R149    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R150    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R151    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R152    | RG007120 | Carbon Resistor (chip)  | 12K 0.1 J       |         |     |      |
| R153    | RG006330 | Carbon Resistor (chip)  | 3.3K 0.1 J      |         |     |      |
| R154    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R155    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R156    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| * R157  | RG206220 | Carbon Resistor (chip)  | 2.2K 1/4 J      |         |     |      |
| R158    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| R159    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R160    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R161    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R162    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R163    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R164    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| -169    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| * R170  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| * R171  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| R172    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R173    | VV276800 | Flame Proof C. Resistor | 100 1/4 J       |         |     | 01   |
| * R201  | RG005180 | Carbon Resistor (chip)  | 180 0.1 J       |         |     |      |
| R202    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| R203    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R204  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R205  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R206    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R207    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R208  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R209    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R210  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R211  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R212    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R213    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R214  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R215  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R216    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R217  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R218  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R219  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R220  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R221  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R222  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R223  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R224    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R225  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R226  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R227    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R228  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R229    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R230    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R231    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R232    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R233    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R234    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R235    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R236    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R237    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R238    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R239    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R240    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R241    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R242    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R243    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R244    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -246    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R247    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R248    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R249    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R250    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R251    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R252    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R253    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R254    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R255    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R256    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R257  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R258    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R259    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R260    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R261    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R262    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R263    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R264    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -269    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R270  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R271  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R301  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R302    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R303    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R304  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R305  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R306    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| R307    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R308  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R309    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R310  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R311  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R312    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R313    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R314  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R315  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R316    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R317  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R318  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R319  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R320  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R321  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R322  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R323  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R324    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R325  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R326  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R327    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R328  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R329    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R330    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R331    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R332    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R333    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R334    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R335    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R336    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R337    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R338    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R339    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R340    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R341    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R342    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R343    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R344    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -346    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R347    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R348    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R349    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R350    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R351    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R352    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R353    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R354    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R355    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R356    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R357  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R358    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R359    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R360    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R361    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R362    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R363    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R364    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -369    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R370  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R371  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R401  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R402    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R403    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R404  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R405  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R406    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R407    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R408  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R409    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R410  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| * R411  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R412    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R413    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R414  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R415  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R416    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R417  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R418  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R419  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R420  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R421  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R422  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R423  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R424    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R425  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R426  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R427    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R428  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R429    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R430    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R431    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R432    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R433    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R434    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R435    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R436    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R437    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R438    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R439    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R440    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R441    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R442    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R443    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R444    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -446    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R447    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R448    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R449    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R450    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R451    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R452    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R453    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R454    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R455    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R456    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R457  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R458    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R459    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R460    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R461    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R462    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R463    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R464    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -469    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R470  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R471  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| R472    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R473    | RG006150 | Carbon Resistor (chip) | 1.5K 0.1 J      |         |     |      |
| R474    | RG205100 | Carbon Resistor (chip) | 100 1/4 J       |         |     |      |
| * R501  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R502    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R503    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R504  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R505  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R506    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R507    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R508  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R509    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R510  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R511  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION             |                 | REMARKS | QTY | RANK |
|---------|----------|-------------------------|-----------------|---------|-----|------|
| R512    | RG007220 | Carbon Resistor (chip)  | 22K 0.1 J       |         |     |      |
| R513    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| * R514  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R515  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R516    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R517  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R518  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| * R519  | RF354200 | Carbon Resistor (chip)  | 20.0 : D 1608   |         |     | 01   |
| * R520  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| * R521  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R522  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| * R523  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| R524    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R525  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| * R526  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| R527    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| * R528  | RG007150 | Carbon Resistor (chip)  | 15K 0.1 J       |         |     |      |
| R529    | RG007300 | Carbon Resistor (chip)  | 30K 0.1 J       |         |     |      |
| R530    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R531    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R532    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R533    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R534    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R535    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R536    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R537    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R538    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R539    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R540    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R541    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R542    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R543    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R544    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| -546    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R547    | RG007560 | Carbon Resistor (chip)  | 56K 0.1 J       |         |     |      |
| R548    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R549    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R550    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R551    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R552    | RG007120 | Carbon Resistor (chip)  | 12K 0.1 J       |         |     |      |
| R553    | RG006330 | Carbon Resistor (chip)  | 3.3K 0.1 J      |         |     |      |
| R554    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R555    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R556    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| * R557  | RG206220 | Carbon Resistor (chip)  | 2.2K 1/4 J      |         |     |      |
| R558    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| R559    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R560    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R561    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R562    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R563    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R564    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| -569    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| * R570  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| * R571  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| R572    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R573    | VV276800 | Flame Proof C. Resistor | 100 1/4 J       |         |     | 01   |
| * R601  | RG005180 | Carbon Resistor (chip)  | 180 0.1 J       |         |     |      |
| R602    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| R603    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| * R604  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R605  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R606    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R607    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R608  | RF356110 | Carbon Resistor (chip)  | 1.1K : D 1608   |         |     |      |
| R609    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R610  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R611  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R612    | RG007220 | Carbon Resistor (chip)  | 22K 0.1 J       |         |     |      |
| R613    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| * R614  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R615  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R616    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R617  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R618  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| R619    | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R620  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R621  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R622  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R623  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R624    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R625  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R626  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R627    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R628  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R629    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R630    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R631    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R632    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R633    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R634    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R635    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R636    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R637    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R638    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R639    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R640    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R641    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R642    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R643    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R644    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -646    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R647    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R648    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R649    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R650    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R651    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R652    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R653    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R654    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R655    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R656    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R657  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R658    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R659    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R660    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R661    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R662    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R663    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R664    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -669    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R670  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R671  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R701  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R702    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R703    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R704  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R705  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R706    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R707    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R708  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R709    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R710  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R711  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R712    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R713    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R714  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R715  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R716    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R717  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| * R718  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R719  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R720  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R721  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R722  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R723  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R724    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R725  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R726  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R727    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R728  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R729    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R730    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R731    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R732    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R733    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R734    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R735    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R736    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R737    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R738    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R739    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R740    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R741    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R742    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R743    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R744    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -746    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R747    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R748    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R749    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R750    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R751    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R752    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R753    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R754    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R755    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R756    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R757  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R758    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R759    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R760    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R761    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R762    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R763    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R764    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -769    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R770  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R771  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R801  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R802    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R803    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R804  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R805  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R806    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R807    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R808  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R809    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R810  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R811  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R812    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R813    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R814  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R815  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R816    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R817  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R818  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R819  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R820  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R821  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            | REMARKS        | QTY | RANK |
|---------|----------|------------------------|----------------|-----|------|
| * R822  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608  |     |      |
| * R823  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608 |     |      |
| R824    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |     |      |
| * R825  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608  |     | 01   |
| * R826  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608  |     | 01   |
| R827    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| * R828  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J      |     |      |
| R829    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J      |     |      |
| R830    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |     |      |
| R831    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| R832    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| R833    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |     |      |
| R834    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |     |      |
| R835    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J      |     |      |
| R836    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |     |      |
| R837    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J     |     |      |
| R838    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |     |      |
| R839    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J     |     |      |
| R840    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |     |      |
| R841    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J     |     |      |
| R842    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |     |      |
| R843    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| R844    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J     |     |      |
| -846    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J     |     |      |
| R847    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J      |     |      |
| R848    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J      |     |      |
| R849    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J     |     |      |
| R850    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| R851    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |     |      |
| R852    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |     |      |
| R853    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J     |     |      |
| R854    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J      |     |      |
| R855    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |     |      |
| R856    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |     |      |
| * R857  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J     |     |      |
| R858    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |     |      |
| R859    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |     |      |
| R860    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |     |      |
| R861    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |     |      |
| R862    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |     |      |
| R863    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J     |     |      |
| R864    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |     |      |
| -869    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |     |      |
| * R870  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |     |      |
| * R871  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |     |      |
| R872    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |     |      |
| R873    | RG006150 | Carbon Resistor (chip) | 1.5K 0.1 J     |     |      |
| R874    | RG205100 | Carbon Resistor (chip) | 100 1/4 J      |     |      |
| * R901  | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J     |     |      |
| RJ01    | RG000000 | Carbon Resistor (chip) | 0 0.1 J        |     |      |
| -15     | RG000000 | Carbon Resistor (chip) | 0 0.1 J        |     |      |
| SW101   | V6962600 | Push Switch            | 26dB(CH1)      |     | 02   |
| SW102   | V6962600 | Push Switch            | /80 (CH1)      |     | 02   |
| SW103   | V6962600 | Push Switch            | CH ON(CH1)     |     | 02   |
| SW104   | V6962600 | Push Switch            | AUX1 POST(CH1) |     | 02   |
| SW105   | V6962600 | Push Switch            | AUX2 POST(CH1) |     | 02   |
| SW106   | V6962600 | Push Switch            | PFL(CH1)       |     | 02   |
| SW201   | V6962600 | Push Switch            | 26dB(CH2)      |     | 02   |
| SW202   | V6962600 | Push Switch            | /80 (CH2)      |     | 02   |
| SW203   | V6962600 | Push Switch            | CH ON(CH2)     |     | 02   |
| SW204   | V6962600 | Push Switch            | AUX1 POST(CH2) |     | 02   |
| SW205   | V6962600 | Push Switch            | AUX2 POST(CH2) |     | 02   |
| SW206   | V6962600 | Push Switch            | PFL(CH2)       |     | 02   |
| SW301   | V6962600 | Push Switch            | 26dB(CH3)      |     | 02   |
| SW302   | V6962600 | Push Switch            | /80 (CH3)      |     | 02   |
| SW303   | V6962600 | Push Switch            | CH ON(CH3)     |     | 02   |
| SW304   | V6962600 | Push Switch            | AUX1 POST(CH3) |     | 02   |
| SW305   | V6962600 | Push Switch            | AUX2 POST(CH3) |     | 02   |
| SW306   | V6962600 | Push Switch            | PFL(CH3)       |     | 02   |
| SW401   | V6962600 | Push Switch            | 26dB(CH4)      |     | 02   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |                    | REMARKS        | QTY | RANK |
|---------|----------|--------------------------|--------------------|----------------|-----|------|
| SW402   | V6962600 | Push Switch              |                    | /80 (CH4)      |     | 02   |
| SW403   | V6962600 | Push Switch              |                    | CH ON(CH4)     |     | 02   |
| SW404   | V6962600 | Push Switch              |                    | AUX1 POST(CH4) |     | 02   |
| SW405   | V6962600 | Push Switch              |                    | AUX2 POST(CH4) |     | 02   |
| SW406   | V6962600 | Push Switch              |                    | PFL(CH4)       |     | 02   |
| SW501   | V6962600 | Push Switch              |                    | 26dB(CH5)      |     | 02   |
| SW502   | V6962600 | Push Switch              |                    | /80 (CH5)      |     | 02   |
| SW503   | V6962600 | Push Switch              |                    | CH ON(CH5)     |     | 02   |
| SW504   | V6962600 | Push Switch              |                    | AUX1 POST(CH5) |     | 02   |
| SW505   | V6962600 | Push Switch              |                    | AUX2 POST(CH5) |     | 02   |
| SW506   | V6962600 | Push Switch              |                    | PFL(CH5)       |     | 02   |
| SW601   | V6962600 | Push Switch              |                    | 26dB(CH6)      |     | 02   |
| SW602   | V6962600 | Push Switch              |                    | /80 (CH6)      |     | 02   |
| SW603   | V6962600 | Push Switch              |                    | CH ON(CH6)     |     | 02   |
| SW604   | V6962600 | Push Switch              |                    | AUX1 POST(CH6) |     | 02   |
| SW605   | V6962600 | Push Switch              |                    | AUX2 POST(CH6) |     | 02   |
| SW606   | V6962600 | Push Switch              |                    | PFL(CH6)       |     | 02   |
| SW701   | V6962600 | Push Switch              |                    | 26dB(CH7)      |     | 02   |
| SW702   | V6962600 | Push Switch              |                    | /80 (CH7)      |     | 02   |
| SW703   | V6962600 | Push Switch              |                    | CH ON(CH7)     |     | 02   |
| SW704   | V6962600 | Push Switch              |                    | AUX1 POST(CH7) |     | 02   |
| SW705   | V6962600 | Push Switch              |                    | AUX2 POST(CH7) |     | 02   |
| SW706   | V6962600 | Push Switch              |                    | PFL(CH7)       |     | 02   |
| SW801   | V6962600 | Push Switch              |                    | 26dB(CH8)      |     | 02   |
| SW802   | V6962600 | Push Switch              |                    | /80 (CH8)      |     | 02   |
| SW803   | V6962600 | Push Switch              |                    | CH ON(CH8)     |     | 02   |
| SW804   | V6962600 | Push Switch              |                    | AUX1 POST(CH8) |     | 02   |
| SW805   | V6962600 | Push Switch              |                    | AUX2 POST(CH8) |     | 02   |
| SW806   | V6962600 | Push Switch              |                    | PFL(CH8)       |     | 02   |
| SW901   | V2802400 | Slide Switch             | SS001-P022BQB-PA14 | PHANTOM ON/OFF |     | 03   |
| * VR101 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH1)      |     |      |
| * VR102 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH1)       |     | 01   |
| * VR103 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH1)      |     | 01   |
| VR104   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH1)     |     | 05   |
| * VR105 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH1)       |     |      |
| VR106   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH1)     |     | 04   |
| VR107   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH1)       |     | 03   |
| * VR108 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH1)      |     | 01   |
| * VR109 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH1)      |     | 01   |
| * VR110 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH1)   |     | 01   |
| * VR111 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH1)   |     | 01   |
| * VR201 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH2)      |     |      |
| * VR202 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH2)       |     | 01   |
| * VR203 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH2)      |     | 01   |
| VR204   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH2)     |     | 05   |
| * VR205 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH2)       |     |      |
| VR206   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH2)     |     | 04   |
| VR207   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH2)       |     | 03   |
| * VR208 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH2)      |     | 01   |
| * VR209 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH2)      |     | 01   |
| * VR210 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH2)   |     | 01   |
| * VR211 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH2)   |     | 01   |
| * VR301 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH3)      |     |      |
| * VR302 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH3)       |     | 01   |
| * VR303 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH3)      |     | 01   |
| VR304   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH3)     |     | 05   |
| * VR305 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH3)       |     |      |
| VR306   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH3)     |     | 04   |
| VR307   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH3)       |     | 03   |
| * VR308 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH3)      |     | 01   |
| * VR309 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH3)      |     | 01   |
| * VR310 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH3)   |     | 01   |
| * VR311 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH3)   |     | 01   |
| * VR401 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH4)      |     |      |
| * VR402 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH4)       |     | 01   |
| * VR403 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH4)      |     | 01   |
| VR404   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH4)     |     | 05   |
| * VR405 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH4)       |     |      |
| VR406   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH4)     |     | 04   |
| VR407   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH4)       |     | 03   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              |                    | REMARKS                                         | QTY | RANK |
|---------|----------|--------------------------|--------------------|-------------------------------------------------|-----|------|
| * VR408 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH4)                                       |     | 01   |
| * VR409 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH4)                                       |     | 01   |
| * VR410 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH4)                                    |     | 01   |
| * VR411 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH4)                                    |     | 01   |
| * VR501 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH5)                                       |     |      |
| * VR502 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH5)                                        |     | 01   |
| * VR503 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH5)                                       |     | 01   |
| VR504   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH5)                                      |     | 05   |
| * VR505 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH5)                                        |     |      |
| VR506   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH5)                                      |     | 04   |
| VR507   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH5)                                        |     | 03   |
| * VR508 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH5)                                       |     | 01   |
| * VR509 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH5)                                       |     | 01   |
| * VR510 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH5)                                    |     | 01   |
| * VR511 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH5)                                    |     | 01   |
| * VR601 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH6)                                       |     |      |
| * VR602 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH6)                                        |     | 01   |
| * VR603 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH6)                                       |     | 01   |
| VR604   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH6)                                      |     | 05   |
| * VR605 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH6)                                        |     |      |
| VR606   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH6)                                      |     | 04   |
| VR607   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH6)                                        |     | 03   |
| * VR608 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH6)                                       |     | 01   |
| * VR609 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH6)                                       |     | 01   |
| * VR610 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH6)                                    |     | 01   |
| * VR611 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH6)                                    |     | 01   |
| * VR701 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH7)                                       |     |      |
| * VR702 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH7)                                        |     | 01   |
| * VR703 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH7)                                       |     | 01   |
| VR704   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH7)                                      |     | 05   |
| * VR705 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH7)                                        |     |      |
| VR706   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH7)                                      |     | 04   |
| VR707   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH7)                                        |     | 03   |
| * VR708 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH7)                                       |     | 01   |
| * VR709 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH7)                                       |     | 01   |
| * VR710 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH7)                                    |     | 01   |
| * VR711 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH7)                                    |     | 01   |
| * VR801 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   | GAIN(CH8)                                       |     |      |
| * VR802 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | LOW(CH8)                                        |     | 01   |
| * VR803 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   | HIGH(CH8)                                       |     | 01   |
| VR804   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    | MID-f(CH8)                                      |     | 05   |
| * VR805 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   | MID(CH8)                                        |     |      |
| VR806   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(CH8)                                      |     | 04   |
| VR807   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    | PAN(CH8)                                        |     | 03   |
| * VR808 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH8)                                       |     | 01   |
| * VR809 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH8)                                       |     | 01   |
| * VR810 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH8)                                    |     | 01   |
| * VR811 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH8)                                    |     | 01   |
| ZD101   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD201   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD301   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD401   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD501   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD601   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD701   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| ZD801   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                                                 |     | 01   |
| *       | V9093100 | Circuit Board            | IN16               | EMX5000-20 (X0655B0)                            |     |      |
|         | V4467500 | Button                   | CD-GRAY/WHITE      | PLF(CH9-16),AUX1(CH9-16)                        | 40  | 01   |
|         |          |                          |                    | AUX2(CH9-16),GAIN 0dB(CH9-16),GAIN 26dB(CH9-16) | 40  | 01   |
|         | VV307300 | LED Spacer               |                    |                                                 | 25  | 01   |
|         | VZ968600 | Button                   | NO.947 CD-GRAY     | CH ON(CH9-16)                                   | 8   | 01   |
|         | --       | Jumper Wire              | 0.60               | (VV29140)                                       | 319 | 01   |
|         | --       | Jumper Wire              | 0.60 TP            | (V829020)                                       | 21  | 01   |
| C101    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V        |                                                 |     | 01   |
| C102    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V        |                                                 |     | 01   |
| C103    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                                                 |     | 01   |
| C104    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                                                 |     | 01   |
| * C105  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K         |                                                 |     |      |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| * -107  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C108    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C109    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C110  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C111    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C112    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C113    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C114    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C115    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C116    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C117    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C118    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C119    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C120    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C121    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C122    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C123    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C124    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C125    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C126    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C127    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C128    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C129    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C130    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C131    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C132    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -134    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C135    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C136    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C137    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C138    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C139    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C140    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C141    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C142    | UR877100 | Electrolytic Cap.        | 10.00 63.0V  |         |     | 01   |
| C143    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -156    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C201    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C202    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C203    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C204    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C205  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -207  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C208    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C209    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C210  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C211    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C212    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C213    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C214    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C215    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C216    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C217    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C218    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C219    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C220    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C221    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C222    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C223    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C224    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C225    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C226    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C227    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C228    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C229    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C230    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C231    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C232    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -234    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C235    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| C236    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C237    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C238    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C239    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C240    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C241    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C242    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C243    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C301    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C302    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C303    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C304    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C305  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -307  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C308    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C309    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C310  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C311    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C312    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C313    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C314    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C315    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C316    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C317    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C318    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C319    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C320    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C321    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C322    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C323    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C324    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C325    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C326    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C327    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C328    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C329    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C330    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C331    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C332    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -334    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C335    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C336    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C337    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C338    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C339    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C340    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C341    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C342    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -355    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C401    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C402    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C403    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C404    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C405  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -407  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C408    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C409    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C410  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C411    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C412    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C413    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C414    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C415    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C416    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C417    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C418    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C419    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C420    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C421    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C422    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| C423    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C424    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C425    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C426    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C427    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C428    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C429    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C430    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C431    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C432    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -434    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C435    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C436    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C437    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C438    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C439    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C440    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C441    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C442    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C443    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C501    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C502    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C503    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C504    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C505  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -507  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C508    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C509    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C510  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C511    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C512    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C513    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C514    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C515    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C516    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C517    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C518    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C519    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C520    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C521    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C522    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C523    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C524    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C525    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C526    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C527    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C528    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C529    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C530    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C531    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C532    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -534    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C535    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C536    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C537    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C538    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C539    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C540    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C541    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C542    | UR877100 | Electrolytic Cap.        | 10.00 63.0V  |         |     | 01   |
| C543    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -556    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C601    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C602    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C603    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C604    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C605  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -607  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C608    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C609    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |

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|---------|----------|--------------------------|--------------|---------|-----|------|
| * C610  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C611    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C612    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C613    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C614    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C615    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C616    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C617    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C618    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C619    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C620    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C621    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C622    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C623    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C624    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C625    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C626    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C627    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C628    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C629    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C630    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C631    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C632    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -634    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C635    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C636    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C637    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C638    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C639    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C640    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C641    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C642    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C643    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C701    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C702    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C703    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C704    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C705  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -707  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C708    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C709    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C710  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C711    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C712    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C713    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C714    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C715    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C716    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C717    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C718    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C719    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C720    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C721    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C722    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C723    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C724    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C725    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C726    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C727    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C728    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C729    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C730    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C731    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C732    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -734    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C735    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C736    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C737    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C738    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C739    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |

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|---------|----------|--------------------------|--------------|---------|-----|------|
| C740    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C741    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C742    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -755    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C801    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C802    | VV488800 | Electrolytic Cap.-LLM    | 10.00 50.0V  |         |     | 01   |
| C803    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C804    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| * C805  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| * -807  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C808    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C809    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C810  | UX062820 | Ceramic Capacitor (Chip) | 820P 50V K   |         |     |      |
| C811    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C812    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J   |         |     |      |
| C813    | UX061330 | Ceramic Capacitor (Chip) | 33P 50V J    |         |     |      |
| C814    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C815    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C816    | VZ597300 | Mylar Capacitor          | 0.091 50V J  |         |     | 01   |
| C817    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C818    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C819    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C820    | UA954390 | Mylar Capacitor          | 0.0390 50V J |         |     | 01   |
| C821    | VV190000 | Mylar Capacitor          | 820P 50V J   |         |     | 01   |
| C822    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C823    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C824    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C825    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C826    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C827    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C828    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C829    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C830    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C831    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C832    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -834    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C835    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C836    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C837    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C838    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C839    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C840    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C841    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C842    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C843    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| CN901   | V2156500 | FMN Connector            | FMN 12P TE   |         |     | 03   |
| -904    | V2156500 | FMN Connector            | FMN 12P TE   |         |     | 03   |
| D101    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D102    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D201    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D202    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D301    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D302    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D401    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D402    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D501    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D502    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D601    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D602    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D701    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D702    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D801    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| D802    | VT332900 | Diode                    | 1SS355 TE-17 |         |     | 01   |
| IC101   | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |
| -105    | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |
| IC106   | IG103520 | IC                       | NJM4558M(T1) | OP AMP  |     | 03   |
| IC107   | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |
| IC201   | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |
| IC301   | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |
| -305    | XJ553A00 | IC                       | NJM2068MD-T1 | OP AMP  |     | 02   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION       |                    | REMARKS        | QTY | RANK |
|---------|----------|-------------------|--------------------|----------------|-----|------|
| IC306   | IG103520 | IC                | NJM4558M(T1)       | OP AMP         |     | 03   |
| IC307   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC401   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC501   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| -505    | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC506   | IG103520 | IC                | NJM4558M(T1)       | OP AMP         |     | 03   |
| IC507   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC601   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC701   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| -705    | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC706   | IG103520 | IC                | NJM4558M(T1)       | OP AMP         |     | 03   |
| IC707   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| IC801   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP         |     | 02   |
| JK101   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH9)   |     | 03   |
| JK102   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH9)   |     | 02   |
| JK103   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH9)    |     | 02   |
| JK201   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH10)  |     | 03   |
| JK202   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH10)  |     | 02   |
| JK203   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH10)   |     | 02   |
| JK301   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH11)  |     | 03   |
| JK302   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH11)  |     | 02   |
| JK303   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH11)   |     | 02   |
| JK401   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH12)  |     | 03   |
| JK402   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH412) |     | 02   |
| JK403   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH12)   |     | 02   |
| JK501   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH13)  |     | 03   |
| JK502   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH13)  |     | 02   |
| JK503   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH13)   |     | 02   |
| JK601   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH14)  |     | 03   |
| JK602   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH14)  |     | 02   |
| JK603   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH14)   |     | 02   |
| JK701   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH15)  |     | 03   |
| JK702   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH15)  |     | 02   |
| JK703   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH15)   |     | 02   |
| JK801   | V6127200 | XLM Connector     | JACK JY-5042       | INPUT A(CH16)  |     | 03   |
| JK802   | V3939200 | Phone Jack        | JY6351J-46-250 2SW | INPUT B(CH16)  |     | 02   |
| JK803   | V2886000 | Phone Jack        | JY-6351J-06-340    | INSERT(CH16)   |     | 02   |
| * LD101 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH9)        |     | 01   |
| * LD102 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH9)      |     | 01   |
| * LD103 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH9)    |     | 01   |
| * LD201 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH10)       |     | 01   |
| * LD202 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH10)     |     | 01   |
| * LD203 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH10)   |     | 01   |
| * LD301 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH11)       |     | 01   |
| * LD302 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH11)     |     | 01   |
| * LD303 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH11)   |     | 01   |
| * LD401 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH12)       |     | 01   |
| * LD402 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH12)     |     | 01   |
| * LD403 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH12)   |     | 01   |
| * LD501 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH13)       |     | 01   |
| * LD502 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH13)     |     | 01   |
| * LD503 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH13)   |     | 01   |
| * LD601 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH14)       |     | 01   |
| * LD602 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH14)     |     | 01   |
| * LD603 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH14)   |     | 01   |
| * LD701 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH15)       |     | 01   |
| * LD702 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH15)     |     | 01   |
| * LD703 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH15)   |     | 01   |
| * LD801 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ON(CH16)       |     | 01   |
| * LD802 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH16)     |     | 01   |
| * LD803 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH16)   |     | 01   |
| * LD901 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PHANTOM        |     | 01   |
| * Q101  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |                |     | 01   |
| * Q102  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |                |     | 01   |
| * Q103  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                |     | 01   |
| * Q104  | VV556400 | Transistor        | 2SC2412K Q,R,S     |                |     | 01   |
| * Q201  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |                |     | 01   |
| * Q202  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |                |     | 01   |
| * Q203  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                |     | 01   |
| * Q204  | VV556400 | Transistor        | 2SC2412K Q,R,S     |                |     | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                     | REMARKS | QTY | RANK |
|---------|----------|------------------------|---------------------|---------|-----|------|
| * Q301  | V7421700 | Transistor (chip)      | 2SC2SC3324 GR,BL    |         |     | 01   |
| * Q302  | V7421700 | Transistor (chip)      | 2SC2SC3324 GR,BL    |         |     | 01   |
| * Q303  | V7421800 | Transistor             | 2SA2SA1312 GR,BL    |         |     | 01   |
| Q304    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * Q401  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q402  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q403  | V7421800 | Transistor             | "2SA2SA1312 GR,BL " |         |     | 01   |
| Q404    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| Q405    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * Q501  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q502  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q503  | V7421800 | Transistor             | "2SA2SA1312 GR,BL " |         |     | 01   |
| Q504    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * Q601  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q602  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q603  | V7421800 | Transistor             | "2SA2SA1312 GR,BL " |         |     | 01   |
| Q604    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * Q701  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q702  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q703  | V7421800 | Transistor             | "2SA2SA1312 GR,BL " |         |     | 01   |
| Q704    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * Q801  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q802  | V7421700 | Transistor (chip)      | "2SC2SC3324 GR,BL " |         |     | 01   |
| * Q803  | V7421800 | Transistor             | "2SA2SA1312 GR,BL " |         |     | 01   |
| Q804    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| Q805    | VV556400 | Transistor             | "2SC2412K Q,R,S "   |         |     | 01   |
| * R101  | RG005180 | Carbon Resistor (chip) | 180 0.1 J           |         |     |      |
| R102    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F          |         |     | 01   |
| R103    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F          |         |     | 01   |
| * R104  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| * R105  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| R106    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J           |         |     |      |
| R107    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608      |         |     | 01   |
| * R108  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608       |         |     |      |
| R109    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608      |         |     | 01   |
| * R110  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| * R111  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| R112    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J           |         |     |      |
| R113    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J          |         |     |      |
| * R114  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| * R115  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608     |         |     | 01   |
| R116    | RG004100 | Carbon Resistor (chip) | 10 0.1 J            |         |     |      |
| * R117  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608       |         |     | 01   |
| * R118  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608       |         |     |      |
| * R119  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608       |         |     | 01   |
| * R120  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608      |         |     |      |
| * R121  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608       |         |     | 01   |
| * R122  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608       |         |     |      |
| * R123  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608      |         |     |      |
| R124    | RG004100 | Carbon Resistor (chip) | 10 0.1 J            |         |     |      |
| * R125  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608       |         |     | 01   |
| * R126  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608       |         |     | 01   |
| R127    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J          |         |     |      |
| * R128  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J           |         |     |      |
| R129    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J           |         |     |      |
| R130    | RG004100 | Carbon Resistor (chip) | 10 0.1 J            |         |     |      |
| R131    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J          |         |     |      |
| R132    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J          |         |     |      |
| R133    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J           |         |     |      |
| R134    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J          |         |     |      |
| R135    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J           |         |     |      |
| R136    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J           |         |     |      |
| R137    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J          |         |     |      |
| R138    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J          |         |     |      |
| R139    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J          |         |     |      |
| R140    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J          |         |     |      |
| R141    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J          |         |     |      |
| R142    | RG004100 | Carbon Resistor (chip) | 10 0.1 J            |         |     |      |
| R143    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J          |         |     |      |
| R144    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J          |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION             |                 | REMARKS | QTY | RANK |
|---------|----------|-------------------------|-----------------|---------|-----|------|
| -146    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R147    | RG007560 | Carbon Resistor (chip)  | 56K 0.1 J       |         |     |      |
| R148    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R149    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R150    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R151    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R152    | RG007120 | Carbon Resistor (chip)  | 12K 0.1 J       |         |     |      |
| R153    | RG006330 | Carbon Resistor (chip)  | 3.3K 0.1 J      |         |     |      |
| R154    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R155    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R156    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| * R157  | RG206220 | Carbon Resistor (chip)  | 2.2K 1/4 J      |         |     |      |
| R158    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| R159    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |         |     |      |
| R160    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R161    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R162    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R163    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R164    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| -169    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |         |     |      |
| * R170  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| * R171  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |         |     |      |
| R172    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |         |     |      |
| R173    | VV276800 | Flame Proof C. Resistor | 100 1/4 J       |         |     | 01   |
| * R201  | RG005180 | Carbon Resistor (chip)  | 180 0.1 J       |         |     |      |
| R202    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| R203    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |         |     | 01   |
| * R204  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R205  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R206    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R207    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R208  | RF356110 | Carbon Resistor (chip)  | 1.1K : D 1608   |         |     |      |
| R209    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |         |     | 01   |
| * R210  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R211  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R212    | RG007220 | Carbon Resistor (chip)  | 22K 0.1 J       |         |     |      |
| R213    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| * R214  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| * R215  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |         |     | 01   |
| R216    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R217  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R218  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| R219    | RF354200 | Carbon Resistor (chip)  | 20.0 : D 1608   |         |     | 01   |
| * R220  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| * R221  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |         |     | 01   |
| * R222  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |         |     |      |
| * R223  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |         |     |      |
| R224    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| * R225  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| * R226  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |         |     | 01   |
| R227    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| * R228  | RG007150 | Carbon Resistor (chip)  | 15K 0.1 J       |         |     |      |
| R229    | RG007300 | Carbon Resistor (chip)  | 30K 0.1 J       |         |     |      |
| R230    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R231    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R232    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R233    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R234    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R235    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |         |     |      |
| R236    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |         |     |      |
| R237    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R238    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R239    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R240    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |         |     |      |
| R241    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |         |     |      |
| R242    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |         |     |      |
| R243    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |         |     |      |
| R244    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| -246    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |         |     |      |
| R247    | RG007560 | Carbon Resistor (chip)  | 56K 0.1 J       |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| R248    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R249    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R250    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R251    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R252    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R253    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R254    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R255    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R256    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R257  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R258    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R259    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R260    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R261    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R262    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R263    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R264    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -269    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R270  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R271  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R301  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R302    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R303    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R304  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R305  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R306    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R307    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R308  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R309    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R310  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R311  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R312    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R313    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R314  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R315  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R316    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R317  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R318  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R319  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R320  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R321  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R322  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R323  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R324    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R325  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R326  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R327    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R328  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R329    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R330    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R331    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R332    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R333    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R334    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R335    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R336    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R337    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R338    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R339    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R340    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R341    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R342    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R343    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R344    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -346    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R347    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R348    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R349    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R350    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R351    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            | REMARKS         | QTY | RANK |
|---------|----------|------------------------|-----------------|-----|------|
| R352    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |     |      |
| R353    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |     |      |
| R354    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R355    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |     |      |
| R356    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| * R357  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |     |      |
| R358    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| R359    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| R360    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R361    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R362    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R363    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R364    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| -369    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| * R370  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |     |      |
| * R371  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |     |      |
| * R401  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |     |      |
| R402    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |     | 01   |
| R403    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |     | 01   |
| * R404  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R405  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R406    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R407    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |     | 01   |
| * R408  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |     |      |
| R409    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |     | 01   |
| R410    | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R411  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R412    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |     |      |
| R413    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| * R414  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R415  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R416    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| * R417  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |     | 01   |
| * R418  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |     |      |
| * R419  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |     | 01   |
| * R420  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |     |      |
| * R421  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |     | 01   |
| * R422  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |     |      |
| * R423  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |     |      |
| R424    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| * R425  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |     | 01   |
| * R426  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |     | 01   |
| R427    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| * R428  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |     |      |
| R429    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |     |      |
| R430    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R431    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R432    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R433    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R434    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R435    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R436    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R437    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R438    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R439    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |     |      |
| R440    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R441    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |     |      |
| R442    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R443    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R444    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| -446    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R447    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |     |      |
| R448    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R449    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R450    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R451    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| R452    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |     |      |
| R453    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |     |      |
| R454    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R455    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| R456    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R457  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R458    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R459    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R460    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R461    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R462    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R463    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R464    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -469    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R470  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R471  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| R472    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R473    | RG006150 | Carbon Resistor (chip) | 1.5K 0.1 J      |         |     |      |
| R474    | RG205100 | Carbon Resistor (chip) | 100 1/4 J       |         |     |      |
| * R501  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R502    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R503    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R504  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R505  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R506    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R507    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R508  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R509    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R510  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R511  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R512    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R513    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R514  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R515  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R516    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R517  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R518  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R519  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R520  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R521  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R522  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R523  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R524    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R525  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R526  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R527    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R528  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R529    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R530    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R531    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R532    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R533    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R534    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R535    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R536    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R537    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R538    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R539    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R540    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R541    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R542    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R543    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R544    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -546    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R547    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R548    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R549    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R550    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R551    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R552    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R553    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R554    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R555    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R556    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION             | REMARKS         | QTY | RANK |
|---------|----------|-------------------------|-----------------|-----|------|
| * R557  | RG206220 | Carbon Resistor (chip)  | 2.2K 1/4 J      |     |      |
| R558    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |     |      |
| R559    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |     |      |
| R560    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |     |      |
| R561    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |     |      |
| R562    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |     |      |
| R563    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| R564    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |     |      |
| -569    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |     |      |
| * R570  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |     |      |
| * R571  | RG007360 | Carbon Resistor (chip)  | 36K 0.1 J       |     |      |
| R572    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |     |      |
| R573    | VV276800 | Flame Proof C. Resistor | 100 1/4 J       |     | 01   |
| * R601  | RG005180 | Carbon Resistor (chip)  | 180 0.1 J       |     |      |
| R602    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |     | 01   |
| R603    | VV065300 | Metal Film Resistor     | 6.8K 1/4 F      |     | 01   |
| * R604  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| * R605  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| R606    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |     |      |
| R607    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |     | 01   |
| * R608  | RF356110 | Carbon Resistor (chip)  | 1.1K : D 1608   |     |      |
| R609    | RF357100 | Carbon Resistor (chip)  | 10.0K : D 1608  |     | 01   |
| * R610  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| * R611  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| R612    | RG007220 | Carbon Resistor (chip)  | 22K 0.1 J       |     |      |
| R613    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |     |      |
| * R614  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| * R615  | RF358100 | Carbon Resistor (chip)  | 100.0K : D 1608 |     | 01   |
| * R616  | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |     |      |
| * R617  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |     | 01   |
| * R618  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |     |      |
| * R619  | RF354200 | Carbon Resistor (chip)  | 20.0 : D 1608   |     | 01   |
| * R620  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |     |      |
| * R621  | RF356220 | Carbon Resistor (chip)  | 2.2K : D 1608   |     | 01   |
| * R622  | RF356820 | Carbon Resistor (chip)  | 8.2K : D 1608   |     |      |
| * R623  | RF357240 | Carbon Resistor (chip)  | 24.0K : D 1608  |     |      |
| R624    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |     |      |
| * R625  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |     | 01   |
| * R626  | RF356470 | Carbon Resistor (chip)  | 4.7K : D 1608   |     | 01   |
| R627    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| * R628  | RG007150 | Carbon Resistor (chip)  | 15K 0.1 J       |     |      |
| R629    | RG007300 | Carbon Resistor (chip)  | 30K 0.1 J       |     |      |
| R630    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |     |      |
| R631    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| R632    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| R633    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |     |      |
| R634    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |     |      |
| R635    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |     |      |
| R636    | RG007100 | Carbon Resistor (chip)  | 10K 0.1 J       |     |      |
| R637    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |     |      |
| R638    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |     |      |
| R639    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |     |      |
| R640    | RG006470 | Carbon Resistor (chip)  | 4.7K 0.1 J      |     |      |
| R641    | RG006820 | Carbon Resistor (chip)  | 8.2K 0.1 J      |     |      |
| R642    | RG004100 | Carbon Resistor (chip)  | 10 0.1 J        |     |      |
| R643    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| R644    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |     |      |
| -646    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |     |      |
| R647    | RG007560 | Carbon Resistor (chip)  | 56K 0.1 J       |     |      |
| R648    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |     |      |
| R649    | RG006560 | Carbon Resistor (chip)  | 5.6K 0.1 J      |     |      |
| R650    | RG008220 | Carbon Resistor (chip)  | 220K 0.1 J      |     |      |
| R651    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |     |      |
| R652    | RG007120 | Carbon Resistor (chip)  | 12K 0.1 J       |     |      |
| R653    | RG006330 | Carbon Resistor (chip)  | 3.3K 0.1 J      |     |      |
| R654    | RG007330 | Carbon Resistor (chip)  | 33K 0.1 J       |     |      |
| R655    | RG008100 | Carbon Resistor (chip)  | 100K 0.1 J      |     |      |
| R656    | RG005220 | Carbon Resistor (chip)  | 220 0.1 J       |     |      |
| * R657  | RG206220 | Carbon Resistor (chip)  | 2.2K 1/4 J      |     |      |
| R658    | RG007180 | Carbon Resistor (chip)  | 18K 0.1 J       |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                 | REMARKS | QTY | RANK |
|---------|----------|------------------------|-----------------|---------|-----|------|
| R659    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R660    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R661    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R662    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R663    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R664    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| -669    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| * R670  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R671  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |         |     |      |
| * R701  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |         |     |      |
| R702    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| R703    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |         |     | 01   |
| * R704  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R705  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R706    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R707    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R708  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |         |     |      |
| R709    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |         |     | 01   |
| * R710  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R711  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R712    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |         |     |      |
| R713    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| * R714  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| * R715  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |         |     | 01   |
| R716    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R717  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R718  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R719  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |         |     | 01   |
| * R720  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| * R721  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |         |     | 01   |
| * R722  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |         |     |      |
| * R723  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |         |     |      |
| R724    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| * R725  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| * R726  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |         |     | 01   |
| R727    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| * R728  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |         |     |      |
| R729    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |         |     |      |
| R730    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R731    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R732    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R733    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R734    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R735    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R736    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R737    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R738    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R739    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R740    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R741    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |         |     |      |
| R742    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |
| R743    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R744    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| -746    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R747    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |         |     |      |
| R748    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R749    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |         |     |      |
| R750    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |         |     |      |
| R751    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R752    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |         |     |      |
| R753    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |         |     |      |
| R754    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |         |     |      |
| R755    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |         |     |      |
| R756    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| * R757  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |         |     |      |
| R758    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |         |     |      |
| R759    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |         |     |      |
| R760    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |         |     |      |
| R761    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |         |     |      |
| R762    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            | REMARKS         | QTY | RANK |
|---------|----------|------------------------|-----------------|-----|------|
| R763    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R764    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| -769    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| * R770  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |     |      |
| * R771  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |     |      |
| * R801  | RG005180 | Carbon Resistor (chip) | 180 0.1 J       |     |      |
| R802    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |     | 01   |
| R803    | VV065300 | Metal Film Resistor    | 6.8K 1/4 F      |     | 01   |
| * R804  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R805  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R806    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R807    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |     | 01   |
| * R808  | RF356110 | Carbon Resistor (chip) | 1.1K : D 1608   |     |      |
| R809    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608  |     | 01   |
| * R810  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R811  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R812    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J       |     |      |
| R813    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| * R814  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| * R815  | RF358100 | Carbon Resistor (chip) | 100.0K : D 1608 |     | 01   |
| R816    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| * R817  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |     | 01   |
| * R818  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |     |      |
| * R819  | RF354200 | Carbon Resistor (chip) | 20.0 : D 1608   |     | 01   |
| * R820  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |     |      |
| * R821  | RF356220 | Carbon Resistor (chip) | 2.2K : D 1608   |     | 01   |
| * R822  | RF356820 | Carbon Resistor (chip) | 8.2K : D 1608   |     |      |
| * R823  | RF357240 | Carbon Resistor (chip) | 24.0K : D 1608  |     |      |
| R824    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| * R825  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |     | 01   |
| * R826  | RF356470 | Carbon Resistor (chip) | 4.7K : D 1608   |     | 01   |
| R827    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| * R828  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J       |     |      |
| R829    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J       |     |      |
| R830    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R831    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R832    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R833    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R834    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R835    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R836    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R837    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R838    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R839    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |     |      |
| R840    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R841    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J      |     |      |
| R842    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R843    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R844    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| -846    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R847    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J       |     |      |
| R848    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R849    | RG006560 | Carbon Resistor (chip) | 5.6K 0.1 J      |     |      |
| R850    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R851    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| R852    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J       |     |      |
| R853    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J      |     |      |
| R854    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J       |     |      |
| R855    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J      |     |      |
| R856    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| * R857  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J      |     |      |
| R858    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| R859    | RG005220 | Carbon Resistor (chip) | 220 0.1 J       |     |      |
| R860    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J      |     |      |
| R861    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J       |     |      |
| R862    | RG004100 | Carbon Resistor (chip) | 10 0.1 J        |     |      |
| R863    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J      |     |      |
| R864    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| -869    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J       |     |      |
| * R870  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J       |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              |                    |  | REMARKS         | QTY | RANK |
|---------|----------|--------------------------|--------------------|--|-----------------|-----|------|
| * R871  | RG007360 | Carbon Resistor (chip)   | 36K 0.1 J          |  |                 |     |      |
| R872    | RG007120 | Carbon Resistor (chip)   | 12K 0.1 J          |  |                 |     |      |
| R873    | RG006150 | Carbon Resistor (chip)   | 1.5K 0.1 J         |  |                 |     |      |
| R874    | RG205100 | Carbon Resistor (chip)   | 100 1/4 J          |  |                 |     |      |
| * R901  | RG206270 | Carbon Resistor (chip)   | 2.7K 1/4 J         |  |                 |     |      |
| RJ01    | RG000000 | Carbon Resistor (chip)   | 0 0.1 J            |  |                 |     |      |
| -15     | RG000000 | Carbon Resistor (chip)   | 0 0.1 J            |  |                 |     |      |
| SW101   | V6962600 | Push Switch              |                    |  | 26dB(CH9)       |     | 02   |
| SW102   | V6962600 | Push Switch              |                    |  | /80 (CH9)       |     | 02   |
| SW103   | V6962600 | Push Switch              |                    |  | CH ON(CH9)      |     | 02   |
| SW104   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH9)  |     | 02   |
| SW105   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH9)  |     | 02   |
| SW106   | V6962600 | Push Switch              |                    |  | PFL(CH9)        |     | 02   |
| SW201   | V6962600 | Push Switch              |                    |  | 26dB(CH10)      |     | 02   |
| SW202   | V6962600 | Push Switch              |                    |  | /80 (CH10)      |     | 02   |
| SW203   | V6962600 | Push Switch              |                    |  | CH ON(CH10)     |     | 02   |
| SW204   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH10) |     | 02   |
| SW205   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH10) |     | 02   |
| SW206   | V6962600 | Push Switch              |                    |  | PFL(CH10)       |     | 02   |
| SW301   | V6962600 | Push Switch              |                    |  | 26dB(CH11)      |     | 02   |
| SW302   | V6962600 | Push Switch              |                    |  | /80 (CH11)      |     | 02   |
| SW303   | V6962600 | Push Switch              |                    |  | CH ON(CH11)     |     | 02   |
| SW304   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH11) |     | 02   |
| SW305   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH11) |     | 02   |
| SW306   | V6962600 | Push Switch              |                    |  | PFL(CH11)       |     | 02   |
| SW401   | V6962600 | Push Switch              |                    |  | 26dB(CH12)      |     | 02   |
| SW402   | V6962600 | Push Switch              |                    |  | /80 (CH12)      |     | 02   |
| SW403   | V6962600 | Push Switch              |                    |  | CH ON(CH12)     |     | 02   |
| SW404   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH12) |     | 02   |
| SW405   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH12) |     | 02   |
| SW406   | V6962600 | Push Switch              |                    |  | PFL(CH13)       |     | 02   |
| SW501   | V6962600 | Push Switch              |                    |  | 26dB(CH13)      |     | 02   |
| SW502   | V6962600 | Push Switch              |                    |  | /80 (CH13)      |     | 02   |
| SW503   | V6962600 | Push Switch              |                    |  | CH ON(CH13)     |     | 02   |
| SW504   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH13) |     | 02   |
| SW505   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH13) |     | 02   |
| SW506   | V6962600 | Push Switch              |                    |  | PFL(CH5,14)     |     | 02   |
| SW601   | V6962600 | Push Switch              |                    |  | 26dB(CH14)      |     | 02   |
| SW602   | V6962600 | Push Switch              |                    |  | /80 (CH14)      |     | 02   |
| SW603   | V6962600 | Push Switch              |                    |  | CH ON(CH14)     |     | 02   |
| SW604   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH14) |     | 02   |
| SW605   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH14) |     | 02   |
| SW606   | V6962600 | Push Switch              |                    |  | PFL(CH614)      |     | 02   |
| SW701   | V6962600 | Push Switch              |                    |  | 26dB(CH15)      |     | 02   |
| SW702   | V6962600 | Push Switch              |                    |  | /80 (CH15)      |     | 02   |
| SW703   | V6962600 | Push Switch              |                    |  | CH ON(CH15)     |     | 02   |
| SW704   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH15) |     | 02   |
| SW705   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH15) |     | 02   |
| SW706   | V6962600 | Push Switch              |                    |  | PFL(CH15)       |     | 02   |
| SW801   | V6962600 | Push Switch              |                    |  | 26dB(CH16)      |     | 02   |
| SW802   | V6962600 | Push Switch              |                    |  | /80 (CH16)      |     | 02   |
| SW803   | V6962600 | Push Switch              |                    |  | CH ON(CH16)     |     | 02   |
| SW804   | V6962600 | Push Switch              |                    |  | AUX1 POST(CH16) |     | 02   |
| SW805   | V6962600 | Push Switch              |                    |  | AUX2 POST(CH16) |     | 02   |
| SW806   | V6962600 | Push Switch              |                    |  | PFL(CH16)       |     | 02   |
| SW901   | V2802400 | Slide Switch             | SS001-P022BQB-PA14 |  | PHANTOM ON/OFF  |     | 03   |
| * VR101 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   |  | GAIN(CH9)       |     |      |
| * VR102 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   |  | LOW(CH9)        |     | 01   |
| * VR103 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   |  | HIGH(CH9)       |     | 01   |
| * VR104 | VZ611200 | Rotary Variable Resistor | C 100K RK12L123    |  | MID-f(CH9)      |     | 05   |
| * VR105 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P   |  | MID(CH9)        |     |      |
| VR106   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  |  | FADER(CH9)      |     | 04   |
| VR107   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123    |  | PAN(CH9)        |     | 03   |
| * VR108 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   |  | AUX1(CH9)       |     | 01   |
| * VR109 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   |  | AUX2(CH9)       |     | 01   |
| * VR110 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   |  | EFFECT1(CH9)    |     | 01   |
| * VR111 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   |  | EFFECT2(CH9)    |     | 01   |
| * VR201 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P   |  | GAIN(CH10)      |     |      |
| * VR202 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   |  | LOW(CH10)       |     | 01   |
| * VR203 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P   |  | HIGH(CH10)      |     | 01   |

※: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              |                   | REMARKS       | QTY | RANK |
|---------|----------|--------------------------|-------------------|---------------|-----|------|
| VR204   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH10)   |     | 05   |
| * VR205 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH10)     |     |      |
| VR206   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH10)   |     | 04   |
| VR207   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH10)     |     | 03   |
| * VR208 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH10)    |     | 01   |
| VR209   | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH10)    |     | 01   |
| * VR210 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH10) |     | 01   |
| * VR211 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH10) |     | 01   |
| * VR301 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH11)    |     |      |
| VR302   | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH11)     |     | 01   |
| * VR303 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH11)    |     | 01   |
| VR304   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH11)   |     | 05   |
| * VR305 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH11)     |     |      |
| VR306   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH11)   |     | 04   |
| VR307   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH11)     |     | 03   |
| * VR308 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH11)    |     | 01   |
| * VR309 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH11)    |     | 01   |
| * VR310 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH11) |     | 01   |
| * VR311 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH11) |     | 01   |
| * VR401 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH12)    |     |      |
| * VR402 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH12)     |     | 01   |
| * VR403 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH12)    |     | 01   |
| VR404   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH12)   |     | 05   |
| * VR405 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH12)     |     |      |
| VR406   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH12)   |     | 04   |
| VR407   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH12)     |     | 03   |
| * VR408 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH12)    |     | 01   |
| * VR409 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH12)    |     | 01   |
| * VR410 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH12) |     | 01   |
| * VR411 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH12) |     | 01   |
| * VR501 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH13)    |     |      |
| * VR502 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH13)     |     | 01   |
| * VR503 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH13)    |     | 01   |
| VR504   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH13)   |     | 05   |
| * VR505 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH13)     |     |      |
| VR506   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH13)   |     | 04   |
| VR507   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH13)     |     | 03   |
| * VR508 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH13)    |     | 01   |
| * VR509 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH13)    |     | 01   |
| * VR510 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH13) |     | 01   |
| * VR511 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH13) |     | 01   |
| * VR601 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH14)    |     |      |
| * VR602 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH14)     |     | 01   |
| * VR603 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH14)    |     | 01   |
| VR604   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH14)   |     | 05   |
| * VR605 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH14)     |     |      |
| VR606   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH14)   |     | 04   |
| VR607   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH14)     |     | 03   |
| * VR608 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH14)    |     | 01   |
| * VR609 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH14)    |     | 01   |
| * VR610 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH14) |     | 01   |
| * VR611 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH14) |     | 01   |
| * VR701 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH15)    |     |      |
| * VR702 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH15)     |     | 01   |
| * VR703 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH15)    |     | 01   |
| VR704   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH15)   |     | 05   |
| * VR705 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH15)     |     |      |
| VR706   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH15)   |     | 04   |
| VR707   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH15)     |     | 03   |
| * VR708 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX1(CH15)    |     | 01   |
| * VR709 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | AUX2(CH15)    |     | 01   |
| * VR710 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT1(CH15) |     | 01   |
| * VR711 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P  | EFFECT2(CH15) |     | 01   |
| * VR801 | V8393200 | Rotary Variable Resistor | RD 5.0K XV09213P  | GAIN(CH16)    |     |      |
| * VR802 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | LOW(CH16)     |     | 01   |
| * VR803 | V8264700 | Rotary Variable Resistor | B 50.0K XV09213P  | HIGH(CH16)    |     | 01   |
| VR804   | VZ611200 | Rotary Variable Resistor | C 100K RK12L123   | MID-f(CH16)   |     | 05   |
| * VR805 | V8393300 | Rotary Variable Resistor | W 20.0K XV09213P  | MID(CH16)     |     |      |
| VR806   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA | FADER(CH16)   |     | 04   |
| VR807   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123   | PAN(CH16)     |     | 03   |

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| REF NO. | PART NO. | DESCRIPTION              |                    | REMARKS                   | QTY | RANK |
|---------|----------|--------------------------|--------------------|---------------------------|-----|------|
| * VR808 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX1(CH16)                |     | 01   |
| * VR809 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | AUX2(CH16)                |     | 01   |
| * VR810 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT1(CH16)             |     | 01   |
| * VR811 | V8264600 | Rotary Variable Resistor | A 20.0K XV09213P   | EFFECT2(CH16)             |     | 01   |
| ZD101   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD201   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD301   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD401   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD501   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD601   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD701   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
| ZD801   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                           |     | 01   |
|         |          |                          |                    |                           |     |      |
| *       | V8267500 | Circuit Board            | MAS                | EMX5000-20 (X0656B0)      |     |      |
|         | V4467500 | Button                   | CD-GRAY/WHITE      | AUX1(CH17/18,19/20), AUX2 | 17  | 01   |
|         |          |                          |                    | (CH17/18,19/20), PFL(CH17 |     |      |
|         |          |                          |                    | /18,19/20, EFFECT1, EFFEC |     |      |
|         |          |                          |                    | T2, ST SUB IN1, ST SUB IN |     |      |
|         |          |                          |                    | 2, 2TR IN, ST OUT), AFL(A |     |      |
|         |          |                          |                    | UX1, AUX2, MONO OUT, ST O |     |      |
|         |          |                          |                    | UT), ST GRAPHIC EQUALIZER |     |      |
|         | VV307300 | LED Spacer               |                    |                           | 15  | 01   |
|         | VZ968600 | Button                   | NO.947 CD-GRAY     | CH ON(CH17/18, 19/20, EFF | 6   | 01   |
|         |          |                          |                    | ECT1, EFFECT2, TAP, STAND |     |      |
|         |          |                          |                    | BY)                       |     |      |
|         | V8454100 | LED Holder               |                    |                           | 2   |      |
|         | --       | Jumper Wire              | 0.60               | (VV29140)                 | 343 | 01   |
|         | --       | Jumper Wire              | 0.60 TP            | (V829020)                 | 65  |      |
| C101    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C102    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| * C103  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J         |                           |     |      |
| * C104  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J         |                           |     |      |
| C105    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| C106    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| C107    | UR828470 | Electrolytic Cap.        | 470.00 10.0V       |                           |     | 01   |
| C108    | UR828470 | Electrolytic Cap.        | 470.00 10.0V       |                           |     | 01   |
| * C109  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J         |                           |     |      |
| * C110  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J         |                           |     |      |
| C111    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J          |                           |     |      |
| C112    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J          |                           |     |      |
| C113    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C114    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C115    | UA954100 | Mylar Capacitor          | 0.0100 50V J       |                           |     | 01   |
| C116    | UA954120 | Mylar Capacitor          | 0.0120 50V J       |                           |     |      |
| C117    | UA954150 | Mylar Capacitor          | 0.0150 50V J       |                           |     | 01   |
| C118    | UA954100 | Mylar Capacitor          | 0.0100 50V J       |                           |     | 01   |
| C119    | UA954120 | Mylar Capacitor          | 0.0120 50V J       |                           |     |      |
| C120    | UA953390 | Mylar Capacitor          | 3900P 50V J        |                           |     | 01   |
| C121    | UA954150 | Mylar Capacitor          | 0.0150 50V J       |                           |     | 01   |
| C122    | UA953390 | Mylar Capacitor          | 3900P 50V J        |                           |     | 01   |
| * C123  | UX061270 | Ceramic Capacitor (Chip) | 27P 50V J          |                           |     |      |
| C124    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| * C125  | UX061270 | Ceramic Capacitor (Chip) | 27P 50V J          |                           |     |      |
| C126    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| C127    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |                           |     | 01   |
| C128    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |                           |     | 01   |
| C130    | UR866470 | Electrolytic Cap.        | 4.70 50.0V         |                           |     | 01   |
| C131    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K        |                           |     | 01   |
| C132    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C133    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C134    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| -137    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J         |                           |     | 01   |
| C138    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J          |                           |     |      |
| C139    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J          |                           |     |      |
| C140    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |                           |     | 01   |
| C141    | UR847470 | Electrolytic Cap.        | 47.00 25.0V        |                           |     | 01   |
| C142    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K       |                           |     | 01   |
| -151    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K       |                           |     | 01   |
| C201    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |
| C202    | UR847100 | Electrolytic Cap.        | 10.00 25.0V        |                           |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION              |              | REMARKS | QTY | RANK |
|---------|----------|--------------------------|--------------|---------|-----|------|
| * C203  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J   |         |     |      |
| * C204  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J   |         |     |      |
| C205    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C206    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C207    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| C208    | UR828470 | Electrolytic Cap.        | 470.00 10.0V |         |     | 01   |
| * C209  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J   |         |     |      |
| * C210  | UX062330 | Ceramic Capacitor (Chip) | 330P 50V J   |         |     |      |
| C211    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C212    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C213    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C214    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C215    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C216    | UA954120 | Mylar Capacitor          | 0.0120 50V J |         |     |      |
| C217    | UA954150 | Mylar Capacitor          | 0.0150 50V J |         |     | 01   |
| C218    | UA954100 | Mylar Capacitor          | 0.0100 50V J |         |     | 01   |
| C219    | UA954120 | Mylar Capacitor          | 0.0120 50V J |         |     |      |
| C220    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| C221    | UA954150 | Mylar Capacitor          | 0.0150 50V J |         |     | 01   |
| C222    | UA953390 | Mylar Capacitor          | 3900P 50V J  |         |     | 01   |
| * C223  | UX061270 | Ceramic Capacitor (Chip) | 27P 50V J    |         |     |      |
| C224    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| * C225  | UX061270 | Ceramic Capacitor (Chip) | 27P 50V J    |         |     |      |
| C226    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C227    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C228    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C230    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C231    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C232    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C233    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C234    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -237    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C238    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C239    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C240    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C241    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C242    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -249    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C301    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C302    | UR866220 | Electrolytic Cap.        | 2.20 50.0V   |         |     | 01   |
| C303    | UR866330 | Electrolytic Cap.        | 3.30 50.0V   |         |     | 01   |
| C304    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -306    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C307    | UR867470 | Electrolytic Cap.        | 47.00 50.0V  |         |     | 01   |
| C308    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C309    | UR867470 | Electrolytic Cap.        | 47.00 50.0V  |         |     | 01   |
| -311    | UR867470 | Electrolytic Cap.        | 47.00 50.0V  |         |     | 01   |
| C312    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C313    | UR867470 | Electrolytic Cap.        | 47.00 50.0V  |         |     | 01   |
| C314    | UR867470 | Electrolytic Cap.        | 47.00 50.0V  |         |     | 01   |
| C317    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| -322    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| C323    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C324    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C325    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C326    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| -329    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C330    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C331    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C332    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| -337    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| C338    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C339    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C340    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C341    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C342    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C343    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| C344    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| C345    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| -351    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION                |              | REMARKS | QTY | RANK |
|---------|----------|----------------------------|--------------|---------|-----|------|
| C352    | UX062220 | Ceramic Capacitor (Chip)   | 220P 50V J   |         |     | 01   |
| -357    | UX062220 | Ceramic Capacitor (Chip)   | 220P 50V J   |         |     | 01   |
| C358    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C359    | UX061220 | Ceramic Capacitor (Chip)   | 22P 50V J    |         |     | 01   |
| -364    | UX061220 | Ceramic Capacitor (Chip)   | 22P 50V J    |         |     | 01   |
| C365    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C366    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C367    | UX062100 | Ceramic Capacitor (Chip)   | 100P 50V J   |         |     | 01   |
| C368    | UX062100 | Ceramic Capacitor (Chip)   | 100P 50V J   |         |     | 01   |
| C369    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C370    | UX061680 | Ceramic Capacitor (Chip)   | 68P 50V J    |         |     | 01   |
| C371    | UX061680 | Ceramic Capacitor (Chip)   | 68P 50V J    |         |     | 01   |
| C372    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C373    | UR847470 | Electrolytic Cap.          | 47.00 25.0V  |         |     | 01   |
| C374    | UR847470 | Electrolytic Cap.          | 47.00 25.0V  |         |     | 01   |
| C375    | UR847100 | Electrolytic Cap.          | 10.00 25.0V  |         |     | 01   |
| -378    | UR847100 | Electrolytic Cap.          | 10.00 25.0V  |         |     | 01   |
| C379    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C380    | UR847100 | Electrolytic Cap.          | 10.00 25.0V  |         |     | 01   |
| C381    | UR847100 | Electrolytic Cap.          | 10.00 25.0V  |         |     | 01   |
| C382    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| -385    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| * C386  | VV064600 | Monolithic Mylar Capacitor | 1.5 50V J    |         |     |      |
| C387    | UA655820 | Mylar Capacitor            | 0.8200 50V J |         |     | 01   |
| C388    | UA655470 | Mylar Capacitor            | 0.4700 50V J |         |     | 01   |
| C389    | UA655220 | Mylar Capacitor            | 0.2200 50V J |         |     | 01   |
| C390    | V5868900 | Mylar Capacitor            | 0.1 50V J    |         |     |      |
| C391    | UA954470 | Mylar Capacitor            | 0.0470 50V J |         |     | 01   |
| C392    | UA954270 | Mylar Capacitor            | 0.0270 50V J |         |     | 01   |
| C393    | UA954120 | Mylar Capacitor            | 0.0120 50V J |         |     |      |
| C394    | UA953680 | Mylar Capacitor            | 6800P 50V J  |         |     | 01   |
| * C395  | VV064600 | Monolithic Mylar Capacitor | 1.5 50V J    |         |     |      |
| C396    | UA655820 | Mylar Capacitor            | 0.8200 50V J |         |     | 01   |
| C397    | UA655470 | Mylar Capacitor            | 0.4700 50V J |         |     | 01   |
| C398    | UA655220 | Mylar Capacitor            | 0.2200 50V J |         |     | 01   |
| C399    | V5868900 | Mylar Capacitor            | 0.1 50V J    |         |     |      |
| C400    | UA954470 | Mylar Capacitor            | 0.0470 50V J |         |     | 01   |
| C401    | UA954270 | Mylar Capacitor            | 0.0270 50V J |         |     | 01   |
| C402    | UA954120 | Mylar Capacitor            | 0.0120 50V J |         |     |      |
| C403    | UA953680 | Mylar Capacitor            | 6800P 50V J  |         |     | 01   |
| C404    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C405    | UA655150 | Mylar Capacitor            | 0.1500 50V J |         |     | 01   |
| C406    | UA954820 | Mylar Capacitor            | 0.0820 50V J |         |     | 01   |
| C407    | UA954390 | Mylar Capacitor            | 0.0390 50V J |         |     | 01   |
| C408    | UA954180 | Mylar Capacitor            | 0.0180 50V J |         |     | 01   |
| C409    | UA954100 | Mylar Capacitor            | 0.0100 50V J |         |     | 01   |
| C410    | UA953470 | Mylar Capacitor            | 4700P 50V J  |         |     | 01   |
| C411    | UA953220 | Mylar Capacitor            | 2200P 50V J  |         |     | 01   |
| C412    | UA953120 | Mylar Capacitor            | 1200P 50V J  |         |     | 01   |
| * C413  | V8507200 | Mylar Capacitor            | 680P 50V J   |         |     |      |
| C414    | UA655150 | Mylar Capacitor            | 0.1500 50V J |         |     | 01   |
| C415    | UA954820 | Mylar Capacitor            | 0.0820 50V J |         |     | 01   |
| C416    | UA954390 | Mylar Capacitor            | 0.0390 50V J |         |     | 01   |
| C417    | UA954180 | Mylar Capacitor            | 0.0180 50V J |         |     | 01   |
| C418    | UA954100 | Mylar Capacitor            | 0.0100 50V J |         |     | 01   |
| C419    | UA953470 | Mylar Capacitor            | 4700P 50V J  |         |     | 01   |
| C420    | UA953220 | Mylar Capacitor            | 2200P 50V J  |         |     | 01   |
| C421    | UA953120 | Mylar Capacitor            | 1200P 50V J  |         |     | 01   |
| * C422  | V8507200 | Mylar Capacitor            | 680P 50V J   |         |     |      |
| C423    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| -428    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C429    | UX062470 | Ceramic Capacitor (Chip)   | 470P 50V J   |         |     |      |
| C430    | UX062470 | Ceramic Capacitor (Chip)   | 470P 50V J   |         |     |      |
| C431    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C432    | UR847470 | Electrolytic Cap.          | 47.00 25.0V  |         |     | 01   |
| C433    | UR847470 | Electrolytic Cap.          | 47.00 25.0V  |         |     | 01   |
| C434    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| -438    | UX064100 | Ceramic Capacitor (Chip)   | 0.0100 50V K |         |     | 01   |
| C439    | UX063100 | Ceramic Capacitor (Chip)   | 1000P 50V K  |         |     | 01   |
| -441    | UX063100 | Ceramic Capacitor (Chip)   | 1000P 50V K  |         |     | 01   |

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|---------|----------|--------------------------|--------------|---------|-----|------|
| C442    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| -446    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C447    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -450    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C451    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| -453    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C454    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -463    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C464    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| -467    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| C468    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C469    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C472    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C473    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C474    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| -477    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| C478    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C479    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| -483    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| C484    | UA655270 | Mylar Capacitor          | 0.2700 50V J |         |     | 01   |
| C485    | UA954820 | Mylar Capacitor          | 0.0820 50V J |         |     | 01   |
| C486    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C501    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| -506    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C507    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| -518    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C519    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| C520    | UX061680 | Ceramic Capacitor (Chip) | 68P 50V J    |         |     | 01   |
| C521    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| -524    | UR847470 | Electrolytic Cap.        | 47.00 25.0V  |         |     | 01   |
| C525    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C526    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C527    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C528    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C529    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| C530    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J   |         |     | 01   |
| C531    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C532    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C533    | UX061220 | Ceramic Capacitor (Chip) | 22P 50V J    |         |     | 01   |
| C534    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C535    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C536    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C537    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C538    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C539    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C540    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C541    | UR847100 | Electrolytic Cap.        | 10.00 25.0V  |         |     | 01   |
| C542    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C543    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C544    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C545    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D    |         |     | 01   |
| C546    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C547    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| C548    | UR848100 | Electrolytic Cap.        | 100.00 25.0V |         |     | 01   |
| C549    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C550    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C551    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K  |         |     | 01   |
| C552    | UR838100 | Electrolytic Cap.        | 100.00 16.0V |         |     | 01   |
| C553    | UR838100 | Electrolytic Cap.        | 100.00 16.0V |         |     | 01   |
| C601    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C602    | UA954470 | Mylar Capacitor          | 0.0470 50V J |         |     | 01   |
| C603    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C604    | UR866100 | Electrolytic Cap.        | 1.00 50.0V   |         |     | 01   |
| C605    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C606    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C607    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J   |         |     | 01   |
| C608    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |
| C609    | UR866470 | Electrolytic Cap.        | 4.70 50.0V   |         |     | 01   |
| C610    | UX061470 | Ceramic Capacitor (Chip) | 47P 50V J    |         |     |      |
| C611    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K |         |     | 01   |

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| REF NO. | PART NO. | DESCRIPTION              |                 | REMARKS         | QTY | RANK |
|---------|----------|--------------------------|-----------------|-----------------|-----|------|
| C612    | UR847100 | Electrolytic Cap.        | 10.00 25.0V     |                 |     | 01   |
| C613    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| -616    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| C617    | UA655120 | Mylar Capacitor          | 0.1200 50V J    |                 |     | 01   |
| C618    | UA655120 | Mylar Capacitor          | 0.1200 50V J    |                 |     | 01   |
| C619    | UR866470 | Electrolytic Cap.        | 4.70 50.0V      |                 |     | 01   |
| C620    | UA655120 | Mylar Capacitor          | 0.1200 50V J    |                 |     | 01   |
| C621    | UA655120 | Mylar Capacitor          | 0.1200 50V J    |                 |     | 01   |
| C622    | UA954470 | Mylar Capacitor          | 0.0470 50V J    |                 |     | 01   |
| C623    | UR866470 | Electrolytic Cap.        | 4.70 50.0V      |                 |     | 01   |
| C624    | UR866100 | Electrolytic Cap.        | 1.00 50.0V      |                 |     | 01   |
| C625    | UR866470 | Electrolytic Cap.        | 4.70 50.0V      |                 |     | 01   |
| C626    | UR828470 | Electrolytic Cap.        | 470.00 10.0V    |                 |     | 01   |
| C627    | UR828470 | Electrolytic Cap.        | 470.00 10.0V    |                 |     | 01   |
| C628    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J      |                 |     | 01   |
| C629    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| C630    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J      |                 |     | 01   |
| C631    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| C632    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J      |                 |     | 01   |
| C633    | UX062220 | Ceramic Capacitor (Chip) | 220P 50V J      |                 |     | 01   |
| C634    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K     |                 |     | 01   |
| C635    | UX063100 | Ceramic Capacitor (Chip) | 1000P 50V K     |                 |     | 01   |
| C636    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J      |                 |     | 01   |
| C637    | UX062470 | Ceramic Capacitor (Chip) | 470P 50V J      |                 |     | 01   |
| C638    | UR847100 | Electrolytic Cap.        | 10.00 25.0V     |                 |     | 01   |
| C639    | UR847100 | Electrolytic Cap.        | 10.00 25.0V     |                 |     | 01   |
| C640    | UR866100 | Electrolytic Cap.        | 1.00 50.0V      |                 |     | 01   |
| C641    | UR866100 | Electrolytic Cap.        | 1.00 50.0V      |                 |     | 01   |
| C642    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| C643    | UR847470 | Electrolytic Cap.        | 47.00 25.0V     |                 |     | 01   |
| C644    | UR847470 | Electrolytic Cap.        | 47.00 25.0V     |                 |     | 01   |
| C701    | UR847100 | Electrolytic Cap.        | 10.00 25.0V     |                 |     | 01   |
| -704    | UR847100 | Electrolytic Cap.        | 10.00 25.0V     |                 |     | 01   |
| C705    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J      |                 |     | 01   |
| -708    | UX062100 | Ceramic Capacitor (Chip) | 100P 50V J      |                 |     | 01   |
| C709    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D       |                 |     | 01   |
| -712    | UX061100 | Ceramic Capacitor (Chip) | 10P 50V D       |                 |     | 01   |
| C713    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| -716    | UX064100 | Ceramic Capacitor (Chip) | 0.0100 50V K    |                 |     | 01   |
| CN501   | VQ048400 | Connector, FFC           | 52045 35P TE    |                 |     | 01   |
| CN601   | VV067500 | Connector Base Post      | M2426XX 15P TE  |                 |     | 01   |
| CN602   | VV066200 | Connector Base Post      | M2426XX 2P TE   |                 |     | 01   |
| CN603   | V2156500 | FMN Connector            | FMN 12P TE      |                 |     | 03   |
| CN604   | V2156500 | FMN Connector            | FMN 12P TE      |                 |     | 03   |
| D101    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| -104    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| D201    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| -204    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| D301    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| D302    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| D601    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| D602    | VT332900 | Diode                    | 1SS355 TE-17    |                 |     | 01   |
| EC501   | VZ303900 | Rotary Encoder           | SDB161PVB       | PROGRAM EFFECT2 |     | 06   |
| EC502   | VZ303900 | Rotary Encoder           | SDB161PVB       | PROGRAM EFFECT1 |     | 06   |
| EM501   | VV056900 | Noise Filter             | ZJSR5101-223TA  |                 |     | 01   |
| -504    | VV056900 | Noise Filter             | ZJSR5101-223TA  |                 |     | 01   |
| IC101   | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| -104    | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| IC105   | IG103520 | IC                       | NJM4558M(T1)    | OP AMP          |     | 03   |
| IC201   | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| -204    | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| IC301   | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| -303    | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| IC305   | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| -310    | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |
| IC311   | XM560A00 | IC                       | NJM2060M(Te2)OP | OP AMP          |     | 02   |
| -315    | XM560A00 | IC                       | NJM2060M(Te2)OP | OP AMP          |     | 02   |
| IC316   | XT157A00 | IC                       | NJM4580ED       | OP AMP          |     | 02   |
| IC317   | XT157A00 | IC                       | NJM4580ED       | OP AMP          |     | 02   |
| IC318   | XJ553A00 | IC                       | NJM2068MD-T1    | OP AMP          |     | 02   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION       | REMARKS            | QTY                           | RANK |
|---------|----------|-------------------|--------------------|-------------------------------|------|
| IC319   | XT157A00 | IC                | NJM4580ED          | OP AMP                        | 02   |
| -321    | XT157A00 | IC                | NJM4580ED          | OP AMP                        | 02   |
| IC501   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| -504    | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| IC505   | XP844A00 | IC                | NJM4556AL          | OP AMP                        | 02   |
| IC601   | XT547A00 | IC                | LB1412M            | LED DRIVER                    | 04   |
| IC602   | XT547A00 | IC                | LB1412M            | LED DRIVER                    | 04   |
| IC603   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| IC604   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| IC605   | IG103520 | IC                | NJM4558M(T1)       | OP AMP                        | 03   |
| IC606   | IG103520 | IC                | NJM4558M(T1)       | OP AMP                        | 03   |
| IC701   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| IC702   | XJ553A00 | IC                | NJM2068MD-T1       | OP AMP                        | 02   |
| JK101   | V2886000 | Phone Jack        | JY-6351J-06-340    | CH17L                         | 02   |
| JK102   | V2886000 | Phone Jack        | JY-6351J-06-340    | CH18R                         | 02   |
| JK103   | V4807700 | Pin Jack          | RJ-1130A-09-0320A  | LINE 17L/18R/19L/20R          | 03   |
| JK201   | V2886000 | Phone Jack        | JY-6351J-06-340    | CH19L                         | 02   |
| JK202   | V2886000 | Phone Jack        | JY-6351J-06-340    | CH20R                         | 02   |
| JK301   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB OUT L                  | 02   |
| JK302   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB OUT R                  | 02   |
| JK303   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST OUT L                      | 02   |
| JK304   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST OUT R                      | 02   |
| JK305   | V2886000 | Phone Jack        | JY-6351J-06-340    | MONO OUT                      | 02   |
| JK306   | V2886000 | Phone Jack        | JY-6351J-06-340    | AUX SEND1                     | 02   |
| JK307   | V2886000 | Phone Jack        | JY-6351J-06-340    | AUX SEND2                     | 02   |
| JK308   | V2886000 | Phone Jack        | JY-6351J-06-340    | EFFECT SEND1                  | 02   |
| JK309   | V2886000 | Phone Jack        | JY-6351J-06-340    | EFFECT SEND2                  | 02   |
| JK501   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB IN1 L                  | 02   |
| JK502   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB IN1 R                  | 02   |
| JK503   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB IN2 L                  | 02   |
| JK504   | V2886000 | Phone Jack        | JY-6351J-06-340    | ST SUB IN2 R                  | 02   |
| JK505   | V4807700 | Pin Jack          | RJ-1130A-09-0320A  | 2TR IN/REC OUT                | 03   |
| JK506   | V2886000 | Phone Jack        | JY-6351J-06-340    | EFFECT ON/OFF                 | 02   |
| JK507   | V2886000 | Phone Jack        | JY-6351J-06-340    | TAP                           | 02   |
| JK508   | V2886000 | Phone Jack        | JY-6351J-06-340    | PHONES                        | 02   |
| JK601   | V2886000 | Phone Jack        | JY-6351J-06-340    | PAMP IN A                     | 02   |
| JK602   | V2886000 | Phone Jack        | JY-6351J-06-340    | PAMP IN B                     | 02   |
| JK603   | V6127200 | XLM Connector     | JACK JY-5042       | LAMP                          | 03   |
| * LD101 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH17/18)                 | 01   |
| * LD102 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH17/18)               | 01   |
| * LD103 | V8840400 | LED               | L34YD-TNB5/13.6 YE | CH ON(CH17/18)                | 01   |
| * LD201 | V8840100 | LED               | L34HD-TNB5/13.6 RE | PEAK(CH19/20)                 | 01   |
| * LD202 | V8840200 | LED               | L34GD-TNB5/13.6 GR | SIGNAL(CH19/20)               | 01   |
| * LD203 | V8840400 | LED               | L34YD-TNB5/13.6 YE | CH ON(CH19/20)                | 01   |
| * LD301 | V8840100 | LED               | L34HD-TNB5/13.6 RE | STAND-BY                      | 01   |
| * LD302 | V8840400 | LED               | L34YD-TNB5/13.6 YE | ST GRAPHIC EQUALIZER          | 01   |
| * LD501 | V8840400 | LED               | L34YD-TNB5/13.6 YE | EFFECT1 ON/OFF                | 01   |
| * LD502 | V8840200 | LED               | L34GD-TNB5/13.6 GR | TAP                           | 01   |
| * LD503 | V8840400 | LED               | L34YD-TNB5/13.6 YE | EFFECT2 ON/OFF                | 01   |
| * LD601 | V8840600 | LED               | L513HDTTNB5/5.5 RE | PEAK L                        |      |
| * LD602 | V8840900 | LED               | L513YDTTNB5/5.5 YE | ST L(+8,+5,+3,+1,0)           |      |
| * -606  | V8840900 | LED               | L513YDTTNB5/5.5 YE |                               |      |
| * LD607 | V8840700 | LED               | L513GDTTNB5/5.5 GR | ST L(-1,-3,-5,-7,-10,-15,-20) |      |
| * -613  | V8840700 | LED               | L513GDTTNB5/5.5 GR |                               |      |
| * LD614 | V8840400 | LED               | L34YD-TNB5/13.6 YE | YAMAHA SPEAKER PROCESSING     | 01   |
| * LD615 | V8840600 | LED               | L513HDTTNB5/5.5 RE | PEAK R                        |      |
| * LD616 | V8840900 | LED               | L513YDTTNB5/5.5 YE | ST R(+8,+5,+3,+1,0)           |      |
| * -620  | V8840900 | LED               | L513YDTTNB5/5.5 YE |                               |      |
| * LD621 | V8840700 | LED               | L513GDTTNB5/5.5 GR | ST R(-1,-3,-5,-7,-10,-15,-20) |      |
| * -627  | V8840700 | LED               | L513GDTTNB5/5.5 GR |                               |      |
| * LD628 | V8840100 | LED               | L34HD-TNB5/13.6 RE | LIMITER A                     | 01   |
| * LD629 | V8840100 | LED               | L34HD-TNB5/13.6 RE | LIMITER B                     | 01   |
| * LD630 | V8840200 | LED               | L34GD-TNB5/13.6 GR | POWER                         | 01   |
| * Q101  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                               | 01   |
| * Q102  | VV556400 | Transistor        | 2SC2412K Q,R,S     |                               | 01   |
| * Q201  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                               | 01   |
| * Q202  | VV556400 | Transistor        | 2SC2412K Q,R,S     |                               | 01   |
| * Q301  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                               | 01   |
| * Q302  | V7421800 | Transistor        | 2SA2SA1312 GR,BL   |                               | 01   |
| * Q303  | V7421700 | Transistor (chip) | 2SC2SC3324 GR,BL   |                               | 01   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                  | REMARKS | QTY | RANK |
|---------|----------|------------------------|------------------|---------|-----|------|
| * -308  | V7421700 | Transistor (chip)      | 2SC2SC3324 GR,BL |         |     | 01   |
| Q501    | VV655400 | Digital Transistor     | DTC114EKA TP     |         |     | 01   |
| -503    | VV655400 | Digital Transistor     | DTC114EKA TP     |         |     | 01   |
| Q601    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| * Q602  | V7421800 | Transistor             | 2SA2SA1312 GR,BL |         |     | 01   |
| Q603    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| * Q604  | V7421800 | Transistor             | 2SA2SA1312 GR,BL |         |     | 01   |
| * -607  | V7421800 | Transistor             | 2SA2SA1312 GR,BL |         |     | 01   |
| Q608    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| * Q609  | V7421800 | Transistor             | 2SA2SA1312 GR,BL |         |     | 01   |
| Q610    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| -612    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| Q613    | VV655400 | Digital Transistor     | DTC114EKA TP     |         |     | 01   |
| -616    | VV655400 | Digital Transistor     | DTC114EKA TP     |         |     | 01   |
| Q617    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| Q618    | VV556400 | Transistor             | 2SC2412K Q,R,S   |         |     | 01   |
| Q619    | VV655000 | Digital Transistor     | DTA114EKA TP     |         |     | 01   |
| Q620    | VV655000 | Digital Transistor     | DTA114EKA TP     |         |     | 01   |
| R101    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J       |         |     |      |
| R102    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J       |         |     |      |
| R103    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R104    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R105    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J       |         |     |      |
| R106    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J       |         |     |      |
| R107    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R108    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| * R109  | RG005120 | Carbon Resistor (chip) | 120 0.1 J        |         |     |      |
| * R110  | RG005120 | Carbon Resistor (chip) | 120 0.1 J        |         |     |      |
| * R111  | RG007200 | Carbon Resistor (chip) | 20K 0.1 J        |         |     |      |
| * R112  | RG007200 | Carbon Resistor (chip) | 20K 0.1 J        |         |     |      |
| R113    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R114    | RG005680 | Carbon Resistor (chip) | 680 0.1 J        |         |     |      |
| R115    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R116    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R117    | RG005680 | Carbon Resistor (chip) | 680 0.1 J        |         |     |      |
| R118    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R119    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R120    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R121    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R122    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R123    | RG005680 | Carbon Resistor (chip) | 680 0.1 J        |         |     |      |
| R124    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R125    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R126    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R127    | RG005680 | Carbon Resistor (chip) | 680 0.1 J        |         |     |      |
| R128    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J       |         |     |      |
| R129    | RG004100 | Carbon Resistor (chip) | 10 0.1 J         |         |     |      |
| R130    | RG004100 | Carbon Resistor (chip) | 10 0.1 J         |         |     |      |
| R131    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J        |         |     |      |
| R132    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J        |         |     |      |
| R133    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J       |         |     |      |
| R134    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R135    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J        |         |     |      |
| R136    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J       |         |     |      |
| R137    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J        |         |     |      |
| R138    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J       |         |     |      |
| * R139  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J       |         |     |      |
| * R140  | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J       |         |     |      |
| R141    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R142    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R143    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J        |         |     |      |
| R144    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J        |         |     |      |
| R145    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R146    | RG005220 | Carbon Resistor (chip) | 220 0.1 J        |         |     |      |
| R147    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J       |         |     |      |
| R148    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J       |         |     |      |
| R149    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R150    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J        |         |     |      |
| R151    | RG004100 | Carbon Resistor (chip) | 10 0.1 J         |         |     |      |
| R152    | RG004100 | Carbon Resistor (chip) | 10 0.1 J         |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |            | REMARKS | QTY | RANK |
|---------|----------|------------------------|------------|---------|-----|------|
| R153    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J |         |     |      |
| R154    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J |         |     |      |
| R155    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R156    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R157    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| -164    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| * R165  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| * R166  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R201    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| R202    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| R203    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R204    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R205    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J |         |     |      |
| R206    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J |         |     |      |
| R207    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R208    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| * R209  | RG005120 | Carbon Resistor (chip) | 120 0.1 J  |         |     |      |
| * R210  | RG005120 | Carbon Resistor (chip) | 120 0.1 J  |         |     |      |
| * R211  | RG007200 | Carbon Resistor (chip) | 20K 0.1 J  |         |     |      |
| * R212  | RG007200 | Carbon Resistor (chip) | 20K 0.1 J  |         |     |      |
| R213    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R214    | RG005680 | Carbon Resistor (chip) | 680 0.1 J  |         |     |      |
| R215    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R216    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R217    | RG005680 | Carbon Resistor (chip) | 680 0.1 J  |         |     |      |
| R218    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R219    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R220    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R221    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R222    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R223    | RG005680 | Carbon Resistor (chip) | 680 0.1 J  |         |     |      |
| R224    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R225    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R226    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R227    | RG005680 | Carbon Resistor (chip) | 680 0.1 J  |         |     |      |
| R228    | RG006270 | Carbon Resistor (chip) | 2.7K 0.1 J |         |     |      |
| R229    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R230    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R231    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J  |         |     |      |
| R232    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J  |         |     |      |
| R233    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J |         |     |      |
| R234    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R235    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J  |         |     |      |
| R236    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J |         |     |      |
| R237    | RG007330 | Carbon Resistor (chip) | 33K 0.1 J  |         |     |      |
| R238    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| * R239  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J |         |     |      |
| * R240  | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J |         |     |      |
| R241    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R242    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R243    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R244    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R245    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R246    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R247    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J |         |     |      |
| R248    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J |         |     |      |
| R249    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R250    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R251    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R252    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R253    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J |         |     |      |
| R254    | RG008220 | Carbon Resistor (chip) | 220K 0.1 J |         |     |      |
| R255    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R256    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R257    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| -264    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| * R265  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| * R266  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R301    | RG008150 | Carbon Resistor (chip) | 150K 0.1 J |         |     |      |
| * R302  | RG007150 | Carbon Resistor (chip) | 15K 0.1 J  |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |            | REMARKS | QTY | RANK |
|---------|----------|------------------------|------------|---------|-----|------|
| R303    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| R304    | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J |         |     |      |
| R305    | RG007200 | Carbon Resistor (chip) | 20K 0.1 J  |         |     |      |
| R306    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| -311    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R312    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R313    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R314    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| -321    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R322    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R323    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R324    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R325    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R326    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R327    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R328    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R329    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J  |         |     |      |
| R330    | RG007240 | Carbon Resistor (chip) | 24K 0.1 J  |         |     |      |
| -335    | RG007240 | Carbon Resistor (chip) | 24K 0.1 J  |         |     |      |
| R336    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J  |         |     |      |
| -339    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J  |         |     |      |
| R340    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R341    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R344    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J  |         |     |      |
| R345    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J  |         |     |      |
| R346    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| -348    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R349    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R350    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R351    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R352    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R353    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R354    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R355    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R356    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R357    | RG004100 | Carbon Resistor (chip) | 10 0.1 J   |         |     |      |
| R358    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J |         |     |      |
| R359    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J |         |     |      |
| R360    | RG005560 | Carbon Resistor (chip) | 560 0.1 J  |         |     |      |
| -377    | RG005560 | Carbon Resistor (chip) | 560 0.1 J  |         |     |      |
| R378    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J  |         |     |      |
| -397    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J  |         |     |      |
| R398    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J |         |     |      |
| R399    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J |         |     |      |
| R400    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| R401    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J |         |     |      |
| R402    | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J |         |     |      |
| R403    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J  |         |     |      |
| -408    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J  |         |     |      |
| R409    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R410    | RG007360 | Carbon Resistor (chip) | 36K 0.1 J  |         |     |      |
| R411    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J  |         |     |      |
| R412    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J  |         |     |      |
| R413    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| R414    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J  |         |     |      |
| R415    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| -418    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R419    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| -422    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R423    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| -426    | RG005220 | Carbon Resistor (chip) | 220 0.1 J  |         |     |      |
| R427    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R428    | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J |         |     |      |
| R429    | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J |         |     |      |
| R430    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R431    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J  |         |     |      |
| R432    | RG006430 | Carbon Resistor (chip) | 4.3K 0.1 J |         |     |      |
| R433    | RG006430 | Carbon Resistor (chip) | 4.3K 0.1 J |         |     |      |
| R434    | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J |         |     |      |
| R435    | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                | REMARKS | QTY | RANK |
|---------|----------|------------------------|----------------|---------|-----|------|
| R436    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| -439    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R440    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R441    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R442    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R443    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R444    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J      |         |     |      |
| R445    | RG007680 | Carbon Resistor (chip) | 68K 0.1 J      |         |     |      |
| R446    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| -454    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R455    | RG004750 | Carbon Resistor (chip) | 75 0.1 J       |         |     |      |
| -472    | RG004750 | Carbon Resistor (chip) | 75 0.1 J       |         |     |      |
| R473    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608 |         |     | 01   |
| * R474  | RF356680 | Carbon Resistor (chip) | 6.8K : D 1608  |         |     | 01   |
| * R475  | RF356680 | Carbon Resistor (chip) | 6.8K : D 1608  |         |     | 01   |
| R476    | RF357100 | Carbon Resistor (chip) | 10.0K : D 1608 |         |     | 01   |
| R501    | RG006150 | Carbon Resistor (chip) | 1.5K 0.1 J     |         |     |      |
| R502    | RG006150 | Carbon Resistor (chip) | 1.5K 0.1 J     |         |     |      |
| * R503  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J     |         |     |      |
| * R504  | RG006120 | Carbon Resistor (chip) | 1.2K 0.1 J     |         |     |      |
| * R505  | RG008120 | Carbon Resistor (chip) | 120K 0.1 J     |         |     |      |
| * R506  | RG008120 | Carbon Resistor (chip) | 120K 0.1 J     |         |     |      |
| R507    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J     |         |     |      |
| -510    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J     |         |     |      |
| R511    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| R512    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| R513    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| -516    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| R517    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |         |     |      |
| R518    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |         |     |      |
| R519    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| -524    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| R525    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| R526    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| R527    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R528    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R529    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |         |     |      |
| -534    | RG004100 | Carbon Resistor (chip) | 10 0.1 J       |         |     |      |
| R535    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| R536    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| R537    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| -540    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| * R541  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| * R542  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| R543    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| R544    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| R545    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| -548    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| * R549  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| * R550  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| R551    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| R552    | RG006910 | Carbon Resistor (chip) | 9.1K 0.1 J     |         |     |      |
| * R553  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| * R554  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| R555    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R556    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R557    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| -560    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| * R561  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| * R562  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| R563    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R564    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R565    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| -568    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| * R569  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| * -572  | RG007360 | Carbon Resistor (chip) | 36K 0.1 J      |         |     |      |
| R573    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R574    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R575    | RG008180 | Carbon Resistor (chip) | 180K 0.1 J     |         |     |      |
| R576    | RG008180 | Carbon Resistor (chip) | 180K 0.1 J     |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION            |                | REMARKS | QTY | RANK |
|---------|----------|------------------------|----------------|---------|-----|------|
| R577    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| R578    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| -580    | RG005220 | Carbon Resistor (chip) | 220 0.1 J      |         |     |      |
| R581    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R582    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R583    | RG205330 | Carbon Resistor (chip) | 330 1/4 J      |         |     |      |
| -585    | RG205330 | Carbon Resistor (chip) | 330 1/4 J      |         |     |      |
| R601    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| -603    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R604    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J     |         |     |      |
| R606    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |         |     |      |
| R607    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R608    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J      |         |     |      |
| R609    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J     |         |     |      |
| R610    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J      |         |     |      |
| R611    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R612    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R613    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| * R614  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J     |         |     |      |
| * -618  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J     |         |     |      |
| R619    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| * R620  | RF356390 | Carbon Resistor (chip) | 3.9K : D 1608  |         |     |      |
| * R621  | RF356390 | Carbon Resistor (chip) | 3.9K : D 1608  |         |     |      |
| R622    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| -624    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| R625    | RG006820 | Carbon Resistor (chip) | 8.2K 0.1 J     |         |     |      |
| * R626  | RF357820 | Carbon Resistor (chip) | 82.0K : D 1608 |         |     | 01   |
| * R627  | RF357820 | Carbon Resistor (chip) | 82.0K : D 1608 |         |     | 01   |
| R629    | RG006470 | Carbon Resistor (chip) | 4.7K 0.1 J     |         |     |      |
| R630    | RG008100 | Carbon Resistor (chip) | 100K 0.1 J     |         |     |      |
| * R631  | RG206270 | Carbon Resistor (chip) | 2.7K 1/4 J     |         |     |      |
| R632    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J      |         |     |      |
| R633    | RG006330 | Carbon Resistor (chip) | 3.3K 0.1 J     |         |     |      |
| R634    | RG007470 | Carbon Resistor (chip) | 47K 0.1 J      |         |     |      |
| * R635  | RG004180 | Carbon Resistor (chip) | 18 0.1 J       |         |     |      |
| * R636  | RG004180 | Carbon Resistor (chip) | 18 0.1 J       |         |     |      |
| R637    | RG006680 | Carbon Resistor (chip) | 6.8K 0.1 J     |         |     |      |
| * R638  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J     |         |     |      |
| * -642  | RG206220 | Carbon Resistor (chip) | 2.2K 1/4 J     |         |     |      |
| * -643  | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J     |         |     |      |
| R644    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| R645    | RG006220 | Carbon Resistor (chip) | 2.2K 0.1 J     |         |     |      |
| R646    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| -648    | RG007100 | Carbon Resistor (chip) | 10K 0.1 J      |         |     |      |
| * R649  | RF357360 | Carbon Resistor (chip) | 36.0K : D 1608 |         |     |      |
| * R650  | RF357360 | Carbon Resistor (chip) | 36.0K : D 1608 |         |     |      |
| R651    | RG004680 | Carbon Resistor (chip) | 68 0.1 J       |         |     |      |
| R652    | RG004680 | Carbon Resistor (chip) | 68 0.1 J       |         |     |      |
| R653    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R654    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R655    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J      |         |     |      |
| R656    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J      |         |     |      |
| * R657  | RG206150 | Carbon Resistor (chip) | 1.5K 1/4 J     |         |     |      |
| * R658  | RG206150 | Carbon Resistor (chip) | 1.5K 1/4 J     |         |     |      |
| R659    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R660    | RG007180 | Carbon Resistor (chip) | 18K 0.1 J      |         |     |      |
| R661    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |         |     |      |
| -663    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |         |     |      |
| R664    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J      |         |     |      |
| R665    | RG007120 | Carbon Resistor (chip) | 12K 0.1 J      |         |     |      |
| R666    | RG007560 | Carbon Resistor (chip) | 56K 0.1 J      |         |     |      |
| R667    | RG004680 | Carbon Resistor (chip) | 68 0.1 J       |         |     |      |
| R668    | RG004680 | Carbon Resistor (chip) | 68 0.1 J       |         |     |      |
| R669    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| R670    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J      |         |     |      |
| R671    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J      |         |     |      |
| R672    | RG007270 | Carbon Resistor (chip) | 27K 0.1 J      |         |     |      |
| R673    | RG007220 | Carbon Resistor (chip) | 22K 0.1 J      |         |     |      |
| R674    | RG007300 | Carbon Resistor (chip) | 30K 0.1 J      |         |     |      |
| * R675  | RG005330 | Carbon Resistor (chip) | 330 0.1 J      |         |     |      |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              | REMARKS              | QTY | RANK |
|---------|----------|--------------------------|----------------------|-----|------|
| R676    | RG007470 | Carbon Resistor (chip)   | 47K 0.1 J            |     |      |
| * R677  | RG005330 | Carbon Resistor (chip)   | 330 0.1 J            |     |      |
| R678    | RG007470 | Carbon Resistor (chip)   | 47K 0.1 J            |     |      |
| R679    | RG007270 | Carbon Resistor (chip)   | 27K 0.1 J            |     |      |
| R680    | RG007270 | Carbon Resistor (chip)   | 27K 0.1 J            |     |      |
| * R681  | RG007390 | Carbon Resistor (chip)   | 39K 0.1 J            |     |      |
| * R682  | RG007390 | Carbon Resistor (chip)   | 39K 0.1 J            |     |      |
| R683    | RG008390 | Carbon Resistor (chip)   | 390K 0.1 J           |     |      |
| -686    | RG008390 | Carbon Resistor (chip)   | 390K 0.1 J           |     |      |
| R687    | RG007820 | Carbon Resistor (chip)   | 82K 0.1 J            |     |      |
| R688    | RG007820 | Carbon Resistor (chip)   | 82K 0.1 J            |     |      |
| R689    | RG007220 | Carbon Resistor (chip)   | 22K 0.1 J            |     |      |
| R690    | RG007220 | Carbon Resistor (chip)   | 22K 0.1 J            |     |      |
| R691    | RG005220 | Carbon Resistor (chip)   | 220 0.1 J            |     |      |
| R692    | RG005220 | Carbon Resistor (chip)   | 220 0.1 J            |     |      |
| * R693  | RG008330 | Carbon Resistor (chip)   | 330K 0.1 J           |     |      |
| * R694  | RG008330 | Carbon Resistor (chip)   | 330K 0.1 J           |     |      |
| * R695  | RG206270 | Carbon Resistor (chip)   | 2.7K 1/4 J           |     |      |
| R701    | RG007560 | Carbon Resistor (chip)   | 56K 0.1 J            |     |      |
| -704    | RG007560 | Carbon Resistor (chip)   | 56K 0.1 J            |     |      |
| * R705  | RG007360 | Carbon Resistor (chip)   | 36K 0.1 J            |     |      |
| * -708  | RG007360 | Carbon Resistor (chip)   | 36K 0.1 J            |     |      |
| RJ01    | RG000000 | Carbon Resistor (chip)   | 0 0.1 J              |     |      |
| -20     | RG000000 | Carbon Resistor (chip)   | 0 0.1 J              |     |      |
| SW101   | V6962600 | Push Switch              | AUX1(CH17/18)        |     | 02   |
| SW102   | V6962600 | Push Switch              | AUX2(CH17/18)        |     | 02   |
| SW103   | V6962600 | Push Switch              | PFL(CH17/18)         |     | 02   |
| SW104   | VZ251800 | Push Switch              | CH ON/OFF(CH17/18)   |     | 03   |
| SW201   | V6962600 | Push Switch              | AUX1(CH19/20)        |     | 02   |
| SW202   | V6962600 | Push Switch              | AUX2(CH19/20)        |     | 02   |
| SW203   | V6962600 | Push Switch              | PFL(CH19/20)         |     | 02   |
| SW204   | VZ251800 | Push Switch              | CH ON/OFF(CH19/20)   |     | 03   |
| SW301   | V6962600 | Push Switch              | STAND-BY             |     | 02   |
| SW302   | VZ251800 | Push Switch              | ST GRAPHIC EQUALIZER |     | 03   |
| SW303   | V6962600 | Push Switch              | PFL(ST OUT)          |     | 02   |
| SW304   | V6962600 | Push Switch              | AFL(ST OUT)          |     | 02   |
| SW305   | V6962600 | Push Switch              | AFL(MONO OUT)        |     | 02   |
| SW306   | V6962600 | Push Switch              | AFL(AUX1)            |     | 02   |
| SW307   | V6962600 | Push Switch              | AFL(AUX2)            |     | 02   |
| SW308   | VV051500 | Slide Switch             | LPF ON/OFF(MONO OUT) |     | 02   |
| SW501   | V6962600 | Push Switch              | PFL(ST SUB IN1)      |     | 02   |
| SW502   | V6962600 | Push Switch              | PFL(ST SUB IN2)      |     | 02   |
| SW503   | V6962600 | Push Switch              | PFL(2TR IN)          |     | 02   |
| SW504   | V6962600 | Push Switch              | PFL(EFFECT1 RTN)     |     | 02   |
| SW505   | V6962600 | Push Switch              | PFL(EFFECT2 RTN)     |     | 02   |
| SW506   | V3835200 | Push Switch              | TAP                  |     | 01   |
| SW507   | V3835200 | Push Switch              | EFFECT2 ON/OFF       |     | 01   |
| SW508   | V3835200 | Push Switch              | EFFECT1 ON/OFF       |     | 01   |
| * SW601 | V8059600 | Slide Switch             | SS001P2440JcPA6      |     |      |
| * SW602 | V8058000 | Slide Switch             | SS001P242BPcA6       |     |      |
| * SW603 | V8059400 | Slide Switch             | SS001P2430HcPA6      |     |      |
| VR101   | VZ611000 | Rotary Variable Resistor | C 20K RK12L123       |     | 05   |
| VR102   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR103   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR104   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR105   | VU804200 | Slide Variable Resistor  | RS60112G6039-10KA2   |     | 04   |
| VR106   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123      |     | 03   |
| VR107   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR108   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR109   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR110   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR201   | VZ611000 | Rotary Variable Resistor | C 20K RK12L123       |     | 05   |
| VR202   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR203   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR204   | VZ611100 | Rotary Variable Resistor | B 50K RK12L123       |     | 05   |
| VR205   | VU804200 | Slide Variable Resistor  | RS60112G6039-10KA2   |     | 04   |
| VR206   | VZ610800 | Rotary Variable Resistor | AC 20K RK12L123      |     | 03   |
| VR207   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR208   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |
| VR209   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C       |     | 02   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION              |                    | REMARKS                     | QTY | RANK |
|---------|----------|--------------------------|--------------------|-----------------------------|-----|------|
| VR210   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | EFFECT2(CH19/20)            |     | 02   |
| VR301   | VU804300 | Slide Variable Resistor  | W 20.0K RS20H12    | ST GRAPHIC EQUALIZER(63/1   |     | 03   |
| -309    | VU804300 | Slide Variable Resistor  | W 20.0K RS20H12    | 25/250/500/1K/2K/4K/8K/16K) |     | 03   |
| VR310   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB OUT                  |     | 02   |
| VR311   | VU804200 | Slide Variable Resistor  | RS60112G6039-10KA2 | FADER(ST OUT)               |     | 04   |
| VR312   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(MONO OUT)             |     | 04   |
| VR313   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(AUX1)                 |     | 04   |
| VR314   | VU804100 | Slide Variable Resistor  | RS6011YG6036-10KA  | FADER(AUX2)                 |     | 04   |
| * VR315 | V8539700 | Rotary Variable Resistor | C 20K RK14K123     | LPF(MONO OUT)               |     |      |
| VR501   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN1(ST)              |     | 02   |
| VR502   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN1(AUX1)            |     | 02   |
| VR503   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN1(AUX2)            |     | 02   |
| VR504   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN2(ST)              |     | 02   |
| VR505   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN2(AUX1)            |     | 02   |
| VR506   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | ST SUB IN2(AUX2)            |     | 02   |
| VR507   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | 2TR IN                      |     | 02   |
| VR508   | VU804200 | Slide Variable Resistor  | RS60112G6039-10KA2 | FADER(EFFECT2 RTN)          |     | 04   |
| VR509   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | EFFECT1(AUX1)               |     | 02   |
| VR510   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | EFFECT1(AUX2)               |     | 02   |
| VR511   | VU804200 | Slide Variable Resistor  | RS60112G6039-10KA2 | FADER(EFFECT1 RTN)          |     | 04   |
| VR512   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | EFFECT2(AUX1)               |     | 02   |
| VR513   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | EFFECT2(AUX2)               |     | 02   |
| * VR514 | V8287400 | Rotary Variable Resistor | B 5.0s XV09213P    | EFFECT2 PARAMETER           |     | 01   |
| VR515   | VZ610900 | Rotary Variable Resistor | A 20K RK12L12C     | PHONES                      |     | 02   |
| * VR516 | V8287400 | Rotary Variable Resistor | B 5.0s XV09213P    | EFFECT1 PARAMETER           |     | 01   |
| ZD101   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                             |     | 01   |
| ZD201   | VU171800 | Zener Diode              | UDZ 4.7BTE-17 4.7V |                             |     | 01   |
|         | V8269600 | Circuit Board            | PWR                | (X0626B0)                   |     |      |
|         | --       | Jumper Wire              | 0.60               | (VV29140)                   | 113 | 01   |
|         | --       | Jumper Wire              | 0.60 TP            | (V829020)                   | 69  |      |
| C101    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C102    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C103    | UR838100 | Electrolytic Cap.        | 100.00 16.0V       |                             |     | 01   |
| C104    | FU451680 | Mica Capacitor           | 68P 500V J         |                             |     | 01   |
| C105    | FU451820 | Mica Capacitor           | 82P 500V J         |                             |     | 01   |
| C106    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C107    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C108    | UR838100 | Electrolytic Cap.        | 100.00 16.0V       |                             |     | 01   |
| C109    | FU451680 | Mica Capacitor           | 68P 500V J         |                             |     | 01   |
| C110    | FU451820 | Mica Capacitor           | 82P 500V J         |                             |     | 01   |
| C111    | UR877100 | Electrolytic Cap.        | 10.00 63.0V        |                             |     | 01   |
| C112    | UR877100 | Electrolytic Cap.        | 10.00 63.0V        |                             |     | 01   |
| C113    | VZ354000 | Ceramic Capacitor-F      | 0.0100 50V Z       |                             |     | 01   |
| C114    | VZ353900 | Ceramic Cap.-B           | 1000P 50V K        |                             |     | 01   |
| C115    | VZ353900 | Ceramic Cap.-B           | 1000P 50V K        |                             |     | 01   |
| C116    | UA953220 | Mylar Capacitor          | 2200P 50V J        |                             |     | 01   |
| C117    | V4567500 | Ceramic Capacitor-SL     | 10P 500V K         |                             |     |      |
| C118    | V4567500 | Ceramic Capacitor-SL     | 10P 500V K         |                             |     |      |
| C119    | UR877100 | Electrolytic Cap.        | 10.00 63.0V        |                             |     | 01   |
| C120    | UR877100 | Electrolytic Cap.        | 10.00 63.0V        |                             |     | 01   |
| C121    | VZ354000 | Ceramic Capacitor-F      | 0.0100 50V Z       |                             |     | 01   |
| C122    | V4567500 | Ceramic Capacitor-SL     | 10P 500V K         |                             |     |      |
| C123    | V4567500 | Ceramic Capacitor-SL     | 10P 500V K         |                             |     |      |
| C124    | VZ353900 | Ceramic Cap.-B           | 1000P 50V K        |                             |     | 01   |
| C125    | VZ353900 | Ceramic Cap.-B           | 1000P 50V K        |                             |     | 01   |
| C126    | UA953220 | Mylar Capacitor          | 2200P 50V J        |                             |     | 01   |
| C127    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C128    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C129    | V3280500 | Ceramic Capacitor-B      | 100P 500 K         |                             |     | 01   |
| C130    | V3280500 | Ceramic Capacitor-B      | 100P 500 K         |                             |     | 01   |
| C131    | VV082200 | Mylar Capacitor          | 3.3000 100V M      |                             |     | 03   |
| C132    | VV082200 | Mylar Capacitor          | 3.3000 100V M      |                             |     | 03   |
| C133    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C134    | VZ004000 | Electrolytic Cap.-SK     | 2.2 200.0V         |                             |     | 01   |
| C135    | VZ354300 | Ceramic Capacitor-E      | 0.0022 500 M       |                             |     | 01   |
| C136    | VZ354300 | Ceramic Capacitor-E      | 0.0022 500 M       |                             |     | 01   |
| C137    | VZ003800 | Electrolytic Cap.-SK     | 100.0 160.0V       |                             |     | 02   |
| C138    | VZ003800 | Electrolytic Cap.-SK     | 100.0 160.0V       |                             |     | 02   |
| C139    | VZ354600 | Monolithic Ceramic Cap.  | 0.10 50V Z         |                             |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION             |                    | REMARKS        | QTY | RANK |
|---------|----------|-------------------------|--------------------|----------------|-----|------|
| C140    | VZ354600 | Monolithic Ceramic Cap. | 0.10 50V Z         |                |     | 01   |
| C143    | VZ354600 | Monolithic Ceramic Cap. | 0.10 50V Z         |                |     | 01   |
| C144    | VZ354600 | Monolithic Ceramic Cap. | 0.10 50V Z         |                |     | 01   |
| C146    | UR828470 | Electrolytic Cap.       | 470.00 10.0V       |                |     | 01   |
| C147    | UR857470 | Electrolytic Cap.       | 47.00 35.0V        |                |     | 01   |
| C148    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| -153    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| C154    | UR896470 | Electrolytic Cap.       | 4.7 100.0V         |                |     |      |
| C155    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| -157    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| C158    | UR896470 | Electrolytic Cap.       | 4.7 100.0V         |                |     |      |
| C159    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| C160    | UR877100 | Electrolytic Cap.       | 10.00 63.0V        |                |     | 01   |
| C161    | UR896470 | Electrolytic Cap.       | 4.7 100.0V         |                |     |      |
| C162    | UR866100 | Electrolytic Cap.       | 1.00 50.0V         |                |     | 01   |
| C163    | UA953220 | Mylar Capacitor         | 2200P 50V J        |                |     | 01   |
| C164    | UA953220 | Mylar Capacitor         | 2200P 50V J        |                |     | 01   |
| CN101   | V3765300 | Connector Base Post     | M24185XX 15 TE     |                |     |      |
| CN102   | LB932030 | Base Post Connector     | VH- 3P TE          |                |     | 01   |
| * CN103 | V3764800 | Connector Base Post     | M24185XX 10P TE    |                |     |      |
| CN104   | VV066200 | Connector Base Post     | M2426XX 2P TE      |                |     | 01   |
| CN105   | V3764000 | Connector Base Post     | M24185XX 2P TE     |                |     |      |
| D101    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| -108    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D109    | VG437700 | Zener Diode             | MTZ J 5.6B 5.6V    |                |     | 01   |
| D110    | VG437700 | Zener Diode             | MTZ J 5.6B 5.6V    |                |     | 01   |
| D111    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| D112    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D113    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D114    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| -117    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| D118    | VN478200 | Diode                   | D1NL20U            |                |     | 01   |
| D119    | VN478200 | Diode                   | D1NL20U            |                |     | 01   |
| D120    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D121    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D122    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| -125    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D126    | VG437700 | Zener Diode             | MTZ J 5.6B 5.6V    |                |     | 01   |
| D127    | VG437700 | Zener Diode             | MTZ J 5.6B 5.6V    |                |     | 01   |
| D128    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| D129    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D130    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D131    | VN478200 | Diode                   | D1NL20U            |                |     | 01   |
| D132    | VN478200 | Diode                   | D1NL20U            |                |     | 01   |
| D133    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| -136    | VQ469600 | Diode                   | HSS82              |                |     | 01   |
| D137    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D138    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D139    | VR149700 | Diode Stack             | D8LD40 8.0A 400V   |                |     | 04   |
| D140    | VR149700 | Diode Stack             | D8LD40 8.0A 400V   |                |     | 04   |
| D141    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D142    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D143    | VS135800 | Diode Stack             | FMX-22S 10.0A 200V |                |     | 03   |
| D144    | VS135800 | Diode Stack             | FMX-22S 10.0A 200V |                |     | 03   |
| D145    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D146    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D147    | VD631600 | Diode                   | 1SS133,176,HSS104  |                |     | 01   |
| D148    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D149    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D150    | VG438900 | Zener Diode             | MTZ J 8.2B 8.2V    |                |     | 01   |
| D151    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D152    | VU801600 | Diode                   | 1N4004L 26         |                |     | 01   |
| D153    | VG440800 | Zener Diode             | MTZ J 15.0B 15.0V  |                |     | 01   |
| D154    | VG443100 | Zener Diode             | MTZ J 27.0D 27.0V  |                |     | 01   |
| D155    | VG440800 | Zener Diode             | MTZ J 15.0B 15.0V  |                |     | 01   |
| D156    | VG443100 | Zener Diode             | MTZ J 27.0D 27.0V  |                |     | 01   |
| D157    | VG443100 | Zener Diode             | MTZ J 27.0D 27.0V  |                |     | 01   |
| D158    | VG443700 | Zener Diode             | MTZ J 33.0B 33.0V  |                |     | 01   |
| E101    | VV075700 | Terminal Plate          |                    |                |     | 01   |
| IC101   | XD853A00 | IC                      | NJM7815FA          | REGULATOR +15V |     | 03   |

\*: New Parts

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| REF NO. | PART NO.        | DESCRIPTION         |                    | REMARKS        | QTY | RANK |
|---------|-----------------|---------------------|--------------------|----------------|-----|------|
| IC102   | <b>XD854A00</b> | IC                  | NJM7915FA          | REGULATOR -15V |     | 03   |
| IC103   | <b>XJ607A00</b> | IC                  | NJM7805FA          | REGULATOR +5V  |     | 02   |
| IC104   | <b>XJ607A00</b> | IC                  | NJM7805FA          | REGULATOR +5V  |     | 02   |
| IC105   | <b>XJ608A00</b> | IC                  | NJM7812FA          | REGULATOR +12V |     | 02   |
| * JK101 | <b>V8102300</b> | Phone Jack          | STJACK LJB0661     | SPEAKERS A-2   |     | 02   |
| * JK102 | <b>V8102300</b> | Phone Jack          | STJACK LJB0661     | SPEAKERS B-2   |     | 02   |
| L101    | <b>V4668300</b> | Coil                | OH-20 100UH        |                |     | 08   |
| L102    | <b>V4668300</b> | Coil                | OH-20 100UH        |                |     | 08   |
| L103    | <b>GE300670</b> | Ferrite Bead        | BL02RN2-R62T4      |                |     | 02   |
| L104    | <b>GE300670</b> | Ferrite Bead        | BL02RN2-R62T4      |                |     | 02   |
| L105    | <b>VR150900</b> | Coil                | RZ-001 21mm        |                |     | 02   |
| L106    | <b>VR150900</b> | Coil                | RZ-001 21mm        |                |     | 02   |
| PR101   | <b>VL965100</b> | Positive Thermistor | PTH9M04BE222TS2    |                |     | 04   |
| PR102   | <b>VL964800</b> | Positive Thermistor | PTH9M04BH222TS2    |                |     | 04   |
| Q101    | <b>IC1815M0</b> | Transistor          | 2SC1815 Y,GR       |                |     | 01   |
| Q102    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q103    | <b>IC224030</b> | Transistor          | 2SC2240 GR,BL      |                |     | 01   |
| Q104    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q105    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q106    | <b>IC1815M0</b> | Transistor          | 2SC1815 Y,GR       |                |     | 01   |
| Q107    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q108    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q109    | <b>IC1815M0</b> | Transistor          | 2SC1815 Y,GR       |                |     | 01   |
| Q110    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q111    | <b>IC224030</b> | Transistor          | 2SC2240 GR,BL      |                |     | 01   |
| Q112    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q113    | <b>IA097030</b> | Transistor          | 2SA970 GR,BL       |                |     | 01   |
| Q114    | <b>IC1815M0</b> | Transistor          | 2SC1815 Y,GR       |                |     | 01   |
| Q115    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q116    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q117    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q118    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q119    | <b>V2797700</b> | Transistor          | 2SC5395 E,F        |                |     | 01   |
| Q120    | <b>V2797600</b> | Transistor          | 2SA1993 E,F        |                |     | 01   |
| Q121    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q122    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q123    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q124    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q125    | <b>V2797700</b> | Transistor          | 2SC5395 E,F        |                |     | 01   |
| Q126    | <b>V2797600</b> | Transistor          | 2SA1993 E,F        |                |     | 01   |
| Q127    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q128    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q129    | <b>VU418600</b> | Transistor          | 2SC3468 D,E        |                |     | 01   |
| Q130    | <b>VU418400</b> | Transistor          | 2SA1371 D,E        |                |     | 01   |
| Q131    | <b>V2797700</b> | Transistor          | 2SC5395 E,F        |                |     | 01   |
| Q132    | <b>V2797700</b> | Transistor          | 2SC5395 E,F        |                |     | 01   |
| Q133    | <b>V2797700</b> | Transistor          | 2SC5395 E,F        |                |     | 01   |
| Q134    | <b>V2797600</b> | Transistor          | 2SA1993 E,F        |                |     | 01   |
| Q135    | <b>VD678500</b> | Digital Transistor  | DTA114ES           |                |     | 01   |
| Q136    | <b>VS883400</b> | Transistor          | 2SD2394 E,F        |                |     | 02   |
| Q201N   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q201P   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q202N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -204N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q202P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -204P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q205N   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q205P   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q206N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -208N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q206P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -208P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q209N   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q209P   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q210N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -212N   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q210P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| -212P   | <b>VZ222300</b> | Pair Transistor     | A1492C3856(Z)(210) |                |     | 06   |
| Q213N   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |
| Q213P   | <b>VR732800</b> | Transistor          | A1859A/C4883A      |                |     | 04   |

\*: New Parts

RANK: Japan only

| REF NO. | PART NO. | DESCRIPTION             |                    | REMARKS | QTY | RANK |
|---------|----------|-------------------------|--------------------|---------|-----|------|
| Q214N   | VZ222300 | Pair Transistor         | A1492C3856(Z)(210) |         |     | 06   |
| -216N   | VZ222300 | Pair Transistor         | A1492C3856(Z)(210) |         |     | 06   |
| Q214P   | VZ222300 | Pair Transistor         | A1492C3856(Z)(210) |         |     | 06   |
| -216P   | VZ222300 | Pair Transistor         | A1492C3856(Z)(210) |         |     | 06   |
| R101    | HF457220 | Carbon Resistor         | 22.0K 1/4 J        |         |     | 01   |
| R102    | VV312800 | Metal Film Resistor     | 680.0 1/4 F        |         |     | 01   |
| R103    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R104    | HF455100 | Carbon Resistor         | 100.0 1/4 J        |         |     | 01   |
| R105    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R106    | HF455100 | Carbon Resistor         | 100.0 1/4 J        |         |     | 01   |
| R107    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R108    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R109    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R110    | VV312900 | Metal Film Resistor     | 22K 1/4 F          |         |     | 01   |
| R111    | HF455330 | Carbon Resistor         | 330.0 1/4 J        |         |     | 01   |
| R112    | HF455330 | Carbon Resistor         | 330.0 1/4 J        |         |     | 01   |
| R113    | HF457220 | Carbon Resistor         | 22.0K 1/4 J        |         |     | 01   |
| R114    | VV312800 | Metal Film Resistor     | 680.0 1/4 F        |         |     | 01   |
| R115    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R116    | HF455100 | Carbon Resistor         | 100.0 1/4 J        |         |     | 01   |
| R117    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R118    | HF455100 | Carbon Resistor         | 100.0 1/4 J        |         |     | 01   |
| R119    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R120    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R121    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R122    | VV312900 | Metal Film Resistor     | 22K 1/4 F          |         |     | 01   |
| R123    | HF455330 | Carbon Resistor         | 330.0 1/4 J        |         |     | 01   |
| R124    | HF455330 | Carbon Resistor         | 330.0 1/4 J        |         |     | 01   |
| R125    | HF455220 | Carbon Resistor         | 220.0 1/4 J        |         |     | 01   |
| R126    | HF455220 | Carbon Resistor         | 220.0 1/4 J        |         |     | 01   |
| R127    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| -130    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R131    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R132    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R133    | HF457150 | Carbon Resistor         | 15.0K 1/4 J        |         |     | 01   |
| R134    | HF457150 | Carbon Resistor         | 15.0K 1/4 J        |         |     | 01   |
| R135    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J        |         |     | 01   |
| R136    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J        |         |     | 01   |
| R137    | VZ009300 | Flame Proof C. Resistor | 330.0 1/4 J        |         |     | 01   |
| R138    | VZ009300 | Flame Proof C. Resistor | 330.0 1/4 J        |         |     | 01   |
| R139    | VV276800 | Flame Proof C. Resistor | 100 1/4 J          |         |     | 01   |
| -142    | VV276800 | Flame Proof C. Resistor | 100 1/4 J          |         |     | 01   |
| R143    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R144    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R145    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R146    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R147    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R148    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R149    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R150    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R151    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R152    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R153    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R154    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R155    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R156    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J         |         |     | 01   |
| R157    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R158    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J         |         |     | 01   |
| R159    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R160    | V4833200 | Wire Wound Resistor     | 0.22 5W K          |         |     | 01   |
| R161    | HF455220 | Carbon Resistor         | 220.0 1/4 J        |         |     | 01   |
| R162    | HF455220 | Carbon Resistor         | 220.0 1/4 J        |         |     | 01   |
| R163    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| -166    | HF457470 | Carbon Resistor         | 47.0K 1/4 J        |         |     | 01   |
| R167    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R168    | HF455560 | Carbon Resistor         | 560.0 1/4 J        |         |     | 01   |
| R169    | HF457150 | Carbon Resistor         | 15.0K 1/4 J        |         |     | 01   |
| R170    | HF457150 | Carbon Resistor         | 15.0K 1/4 J        |         |     | 01   |
| R171    | VZ009300 | Flame Proof C. Resistor | 330.0 1/4 J        |         |     | 01   |
| R172    | VZ009300 | Flame Proof C. Resistor | 330.0 1/4 J        |         |     | 01   |

\*: New Parts

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| REF NO. | PART NO. | DESCRIPTION             |                   | REMARKS | QTY | RANK |
|---------|----------|-------------------------|-------------------|---------|-----|------|
| R173    | VV276800 | Flame Proof C. Resistor | 100 1/4 J         |         |     | 01   |
| R174    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J       |         |     | 01   |
| R175    | VV276800 | Flame Proof C. Resistor | 100 1/4 J         |         |     | 01   |
| R176    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J       |         |     | 01   |
| R177    | VV276800 | Flame Proof C. Resistor | 100 1/4 J         |         |     | 01   |
| R178    | VV276800 | Flame Proof C. Resistor | 100 1/4 J         |         |     | 01   |
| R179    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R180    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R181    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R182    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R183    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R184    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R185    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R186    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R187    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R188    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R189    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R190    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R191    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R192    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R193    | VZ009100 | Flame Proof C. Resistor | 33.0 1/4 J        |         |     | 01   |
| R194    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R195    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R196    | V4833200 | Wire Wound Resistor     | 0.22 5W K         |         |     | 01   |
| R197    | HF456560 | Carbon Resistor         | 5.6K 1/4 J        |         |     | 01   |
| R198    | HF456560 | Carbon Resistor         | 5.6K 1/4 J        |         |     | 01   |
| R199    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R200    | VZ008700 | Flame Proof C. Resistor | 2.2K 1/4 J        |         |     | 01   |
| R201    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J       |         |     | 01   |
| R202    | VZ008800 | Flame Proof C. Resistor | 22.0 1/4 J        |         |     | 01   |
| R203    | VZ008600 | Flame Proof C. Resistor | 150.0 1/4 J       |         |     | 01   |
| R204    | VZ008700 | Flame Proof C. Resistor | 2.2K 1/4 J        |         |     | 01   |
| R205    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R206    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R207    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R208    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R209    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R210    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R211    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R212    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R213    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R214    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R215    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R216    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R217    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R218    | VZ370200 | Wire Wound Resistor     | 0.1 5W K          |         |     | 01   |
| R219    | VV276700 | Flame Proof C. Resistor | 4.7 1/4 J         |         |     | 01   |
| -222    | VV276700 | Flame Proof C. Resistor | 4.7 1/4 J         |         |     | 01   |
| R223    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| -228    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R229    | VV313900 | Flame Proof C. Resistor | 680.0 1/4 J       |         |     | 01   |
| R230    | VV313900 | Flame Proof C. Resistor | 680.0 1/4 J       |         |     | 01   |
| R231    | VV313800 | Flame Proof C. Resistor | 220.0 1/4 J       |         |     | 01   |
| R232    | VV313800 | Flame Proof C. Resistor | 220.0 1/4 J       |         |     | 01   |
| R233    | VV058500 | Flame Proof C. Resistor | 10.0 1/4 J        |         |     | 01   |
| -236    | VV058500 | Flame Proof C. Resistor | 10.0 1/4 J        |         |     | 01   |
| R237    | HF458150 | Carbon Resistor         | 150.0K 1/4 J      |         |     | 01   |
| R238    | HF458150 | Carbon Resistor         | 150.0K 1/4 J      |         |     | 01   |
| R239    | HF457100 | Carbon Resistor         | 10.0K 1/4 J       |         |     | 01   |
| R240    | HF457560 | Carbon Resistor         | 56.0K 1/4 J       |         |     | 01   |
| R241    | HF457100 | Carbon Resistor         | 10.0K 1/4 J       |         |     | 01   |
| R242    | HF457100 | Carbon Resistor         | 10.0K 1/4 J       |         |     | 01   |
| R243    | HF456220 | Carbon Resistor         | 2.2K 1/4 J        |         |     | 01   |
| R244    | HF457100 | Carbon Resistor         | 10.0K 1/4 J       |         |     | 01   |
| R245    | HF457150 | Carbon Resistor         | 15.0K 1/4 J       |         |     | 01   |
| R246    | HF457220 | Carbon Resistor         | 22.0K 1/4 J       |         |     | 01   |
| R247    | HF457100 | Carbon Resistor         | 10.0K 1/4 J       |         |     | 01   |
| R248    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| R249    | VV313600 | Flame Proof C. Resistor | 2.2 1/4 J         |         |     | 01   |
| RY101   | VV315400 | Relay                   | DC OSA-SH-224DM3M |         |     | 06   |



\*: New Parts

RANK: Japan only

|   | REF NO. | PART NO. | DESCRIPTION                |                    | REMARKS                   | QTY | RANK |
|---|---------|----------|----------------------------|--------------------|---------------------------|-----|------|
| ⚠ | RY102   | VV315400 | Relay                      | DC OSA-SH-224DM3M  |                           |     | 06   |
| * | SP1     | V8181700 | Receptacle                 | NL4MD-H            |                           |     |      |
| * | SP2     | V8181700 | Receptacle                 | NL4MD-H            |                           |     |      |
| * |         | AAX33190 | Circuit Board              | SMPS 1/2           | J (V826930,X0627B0)       |     |      |
| * |         | AAX33200 | Circuit Board              | SMPS 1/2           | U,V (V826940,X0627B0)     |     |      |
| * |         | AAX33210 | Circuit Board              | SMPS 1/2           | H,B,W,K (V826950,X0627B0) |     |      |
| * |         | AAX71680 | Circuit Board              | SMPS 1/2           | A (X848520,X0627B0)       |     |      |
| * |         | AAX74520 | Circuit Board              | SMPS 2/2           | J (V826930,X0627B0)       |     |      |
| * |         | AAX74530 | Circuit Board              | SMPS 2/2           | U,V (V826940,X0627B0)     |     |      |
| * |         | AAX33230 | Circuit Board              | SMPS 2/2           | H,B,W,K (V826950,X0627B0) |     |      |
| * |         | AAX33250 | Circuit Board              | SMPS 2/2           | A (V848520,X0627B0)       |     |      |
|   |         | VQ074600 | Bind Head Tapping Screw-B  | 3.0X12 MFZN2BL     |                           | 8   | 01   |
|   |         | VV319600 | Fuse Holder                | CQ-05CT            |                           | 8   | 01   |
|   |         | --       | Heat Sink                  |                    | (V850150)                 | 3   |      |
|   |         | --       | Heat Sink                  |                    | (V850210)                 |     |      |
|   |         | --       | Jumper Wire                | 0.60               | (VV29140)                 | 16  | 01   |
|   |         | --       | Jumper Wire                | 0.60 TP            | (V829020)                 | 8   |      |
|   |         | --       | Connector Assembly         | SGND               | (V842670)                 |     |      |
| ⚠ | C101    | VZ411400 | Capacitor                  | 0.22 275V UCS      | J,U,V,A                   |     | 01   |
| ⚠ | C101    | V9365100 | Capacitor                  | 1.00 275V UCS      | H,B,W,K                   |     |      |
| ⚠ | C102    | VZ411400 | Capacitor                  | 0.22 275V UCS      | J,U,V,A                   |     | 01   |
| ⚠ | C102    | V9365100 | Capacitor                  | 1.00 275V UCS      | H,B,W,K                   |     |      |
| ⚠ | C103    | V6113500 | Capacitor                  | 1000P 400V J.U.C.S |                           |     |      |
|   | -105    | V6113500 | Capacitor                  | 1000P 400V J.U.C.S |                           |     |      |
| * | C106    | V8499100 | Electrolytic Cap.          | 2200 200V          |                           |     |      |
| * | -109    | V8499100 | Electrolytic Cap.          | 2200 200V          |                           |     |      |
|   | C110    | V5482000 | Electrolytic Cap.          | 1000 35.0V         |                           |     |      |
|   | C111    | UR847100 | Electrolytic Cap.          | 10.00 25.0V        |                           |     | 01   |
|   | C112    | UR847100 | Electrolytic Cap.          | 10.00 25.0V        |                           |     | 01   |
|   | C113    | UA953100 | Mylar Capacitor            | 1000P 50V J        |                           |     | 01   |
|   | C114    | VZ354600 | Monolithic Ceramic Cap.    | 0.10 50V Z         |                           |     | 01   |
|   | C115    | UR847100 | Electrolytic Cap.          | 10.00 25.0V        |                           |     | 01   |
|   | C116    | UR866470 | Electrolytic Cap.          | 4.70 50.0V         |                           |     | 01   |
|   | C117    | VV321100 | Monolithic Mylar Capacitor | 0.22 50V J         |                           |     | 01   |
|   | C118    | V9136100 | Polypropylene Capacitor    | 1.2000 250V J      | J                         |     |      |
|   | C118    | V9135800 | Polypropylene Capacitor    | 1.0000 250V J      | U,V,H,W,B,A,K             |     |      |
| * | C119    | V8763300 | Electrolytic Cap.-PW       | 220 160.0V         |                           |     |      |
| * | C120    | V8763300 | Electrolytic Cap.-PW       | 220 160.0V         |                           |     |      |
| * | C121    | V8500200 | Electrolytic Cap.-PW       | 470 50.0V          |                           |     |      |
| * | C122    | V8500200 | Electrolytic Cap.-PW       | 470 50.0V          |                           |     |      |
| * | C123    | V4881900 | Electrolytic Cap.-PW       | 4.70 100.0V        |                           |     | 01   |
| * | C124    | V4881900 | Electrolytic Cap.-PW       | 4.70 100.0V        |                           |     | 01   |
| * | C125    | V8500200 | Electrolytic Cap.-PW       | 470 50.0V          |                           |     |      |
|   | C126    | VZ354000 | Ceramic Capacitor-F        | 0.0100 50V Z       |                           |     | 01   |
| * | C127    | V8500200 | Electrolytic Cap.-PW       | 470 50.0V          |                           |     |      |
| * | C128    | V8500200 | Electrolytic Cap.-PW       | 470 50.0V          |                           |     |      |
|   | C129    | V5868900 | Mylar Capacitor            | 0.1 50V J          |                           |     |      |
|   | -131    | V5868900 | Mylar Capacitor            | 0.1 50V J          |                           |     |      |
| * | C132    | V8763300 | Electrolytic Cap.-PW       | 220 160.0V         |                           |     |      |
| * | C133    | V8763300 | Electrolytic Cap.-PW       | 220 160.0V         |                           |     |      |
|   | C136    | UR847220 | Electrolytic Cap.          | 22.00 25.0V        |                           |     | 01   |
|   | C137    | V6113500 | Capacitor                  | 1000P 400V J.U.C.S |                           |     |      |
|   | C138    | V6113500 | Capacitor                  | 1000P 400V J.U.C.S |                           |     |      |
|   | C139    | VZ354600 | Monolithic Ceramic Cap.    | 0.10 50V Z         |                           |     | 01   |
| ⚠ | CN101   | V5817000 | AC Inlet                   | HF-301L            |                           |     |      |
|   | CN102   | LB932020 | Base Post Connector        | VH- 2P TE          |                           |     | 01   |
|   | CN103   | LB932030 | Base Post Connector        | VH- 3P TE          |                           |     | 01   |
| * | CN104   | V3764800 | Connector Base Post        | M24185XX 10P TE    |                           |     |      |
|   | D101    | VU801600 | Diode                      | 1N4004L 26         |                           |     | 01   |
| ⚠ | D102    | VR149900 | Diode Stack                | D25XB60 25.0A 600V |                           |     | 06   |
|   | D103    | VU801600 | Diode                      | 1N4004L 26         |                           |     | 01   |
|   | D104    | VQ308300 | Diode                      | D1NL40             |                           |     | 02   |
|   | D105    | VU801600 | Diode                      | 1N4004L 26         |                           |     | 01   |
|   | D106    | VN399500 |                            | FMU-36S 20.0A 600V |                           |     | 05   |
| * | D107    | V8498700 | Diode                      | FMU-36R 20.0A 600V |                           |     | 04   |
|   | D108    | VN478200 | Diode                      | D1NL20U            |                           |     | 01   |
|   | -114    | VN478200 | Diode                      | D1NL20U            |                           |     | 01   |
|   | D115    | VG440800 | Zener Diode                | MTZ J 15.0B 15.0V  |                           |     | 01   |
|   | D116    | VD631600 | Diode                      | 1SS133,176,HSS104  |                           |     | 01   |

\*: New Parts

RANK: Japan only



| REF NO. | PART NO. | DESCRIPTION               |                   | REMARKS        | QTY | RANK |
|---------|----------|---------------------------|-------------------|----------------|-----|------|
| D117    | VG438900 | Zener Diode               | MTZ J 8.2B 8.2V   |                |     | 01   |
| D118    | VD631600 | Diode                     | 1SS133,176,HSS104 |                |     | 01   |
| D119    | VD631600 | Diode                     | 1SS133,176,HSS104 |                |     | 01   |
| D120    | VD631600 | Diode                     | 1SS133,176,HSS104 | H,B,W,K        |     | 01   |
| D121    | VD631600 | Diode                     | 1SS133,176,HSS104 | H,B,W,K        |     | 01   |
| F101    | VE876300 | Fuse                      | 20.00A J          | J              |     | 02   |
| F101    | KB001380 | Fuse                      | 15.00A U          | U,V            |     | 04   |
| F101    | KB003360 | Fuse                      | 6.30A S           | H,B,W,A,K      |     | 02   |
| F102    | VV070600 | Fuse                      | TDS 2A 250V J/U/C | J,U,V          |     | 01   |
| F102    | VV071500 | Fuse                      | TSD 2A 250V SEMKO | H,B,W,A,K      |     | 01   |
| F103    | VV070600 | Fuse                      | TDS 2A 250V J/U/C | J,U,V          |     | 01   |
| F103    | VV071500 | Fuse                      | TSD 2A 250V SEMKO | H,B,W,A,K      |     | 01   |
| F104    | VV070600 | Fuse                      | TDS 2A 250V J/U/C | J,U,V          |     | 01   |
| F104    | VV071500 | Fuse                      | TSD 2A 250V SEMKO | H,B,W,A,K      |     | 01   |
| IC101   | XD853A00 | IC                        | NJM7815FA         | REGULATOR +15V |     | 03   |
| * IC102 | X2264A00 | IC                        |                   | CONTROL IR2153 |     |      |
| J103    | VV291400 | Jumper Wire               | 0.60              | J,U,V          |     | 01   |
| * PH101 | V8100500 | Photo Coupler             | TLP421 GR         |                |     |      |
| PR101   | VL965100 | Positive Thermistor       | PTH9M04BE222TS2   |                |     | 04   |
| PR102   | VL964800 | Positive Thermistor       | PTH9M04BH222TS2   |                |     | 04   |
| * Q101  | V8101000 | Transistor                | 2SC2655 O,Y       |                |     |      |
| Q102    | V1242900 | Transistor                | 2SA1020-Y(TPE6) Y |                |     | 01   |
| * Q103  | V8234000 | Transistor                | 1MBK50D 600V      |                |     |      |
| * Q104  | V8101000 | Transistor                | 2SC2655 O,Y       |                |     |      |
| Q105    | V1242900 | Transistor                | 2SA1020-Y(TPE6) Y |                |     | 01   |
| * Q106  | V8234000 | Transistor                | 1MBK50D 600V      |                |     |      |
| Q107    | V2797700 | Transistor                | 2SC5395 E,F       |                |     | 01   |
| Q108    | V2797600 | Transistor                | 2SA1993 E,F       |                |     | 01   |
| Q109    | V2797600 | Transistor                | 2SA1993 E,F       |                |     | 01   |
| Q110    | V2797700 | Transistor                | 2SC5395 E,F       |                |     | 01   |
| Q111    | V2797700 | Transistor                | 2SC5395 E,F       |                |     | 01   |
| Q112    | V2797600 | Transistor                | 2SA1993 E,F       |                |     | 01   |
| Q113    | V2797700 | Transistor                | 2SC5395 E,F       |                |     | 01   |
| Q114    | V2797700 | Transistor                | 2SC5395 E,F       |                |     | 01   |
| Q115    | VS883400 | Transistor                | 2SD2394 E,F       |                |     | 02   |
| Q116    | V2797600 | Transistor                | 2SA1993 E,F       |                |     | 01   |
| R101    | VN067400 | Wire Wound Resistor       | 6.8 5W K          |                |     | 03   |
| * R102  | V9138300 | Metal Oxide Film Resistor | 10K 3W J          |                |     |      |
| * -105  | V9138300 | Metal Oxide Film Resistor | 10K 3W J          |                |     |      |
| R106    | VZ009100 | Flame Proof C. Resistor   | 33.0 1/4 J        |                |     | 01   |
| R107    | HF457100 | Carbon Resistor           | 10.0K 1/4 J       |                |     | 01   |
| R108    | HF457220 | Carbon Resistor           | 22.0K 1/4 J       |                |     | 01   |
| R109    | HF458120 | Carbon Resistor           | 120.0K 1/4 J      |                |     | 01   |
| R110    | HF457220 | Carbon Resistor           | 22.0K 1/4 J       |                |     | 01   |
| R111    | HF457220 | Carbon Resistor           | 22.0K 1/4 J       |                |     | 01   |
| R112    | HF457100 | Carbon Resistor           | 10.0K 1/4 J       |                |     | 01   |
| R113    | HF457100 | Carbon Resistor           | 10.0K 1/4 J       |                |     | 01   |
| R114    | HF457220 | Carbon Resistor           | 22.0K 1/4 J       |                |     | 01   |
| R115    | HF457470 | Carbon Resistor           | 47.0K 1/4 J       |                |     | 01   |
| R116    | HF459100 | Carbon Resistor           | 1.0M 1/4 J        |                |     | 01   |
| R117    | VV058500 | Flame Proof C. Resistor   | 10.0 1/4 J        | J,U,V,A        |     | 01   |
| R117    | VZ009100 | Flame Proof C. Resistor   | 33.0 1/4 J        | H,B,W,K        |     | 01   |
| R118    | VV058500 | Flame Proof C. Resistor   | 10.0 1/4 J        | J,U,V,A        |     | 01   |
| R118    | VZ009100 | Flame Proof C. Resistor   | 33.0 1/4 J        | H,B,W,K        |     | 01   |
| R119    | VZ370200 | Wire Wound Resistor       | 0.1 5W K          |                |     | 01   |
| R120    | VZ370200 | Wire Wound Resistor       | 0.1 5W K          |                |     | 01   |
| R121    | HF456330 | Carbon Resistor           | 3.3K 1/4 J        |                |     | 01   |
| R123    | HF456820 | Carbon Resistor           | 8.2K 1/4 J        |                |     | 01   |
| R124    | HF456560 | Carbon Resistor           | 5.6K 1/4 J        |                |     | 01   |
| R125    | HF456820 | Carbon Resistor           | 8.2K 1/4 J        |                |     | 01   |
| R126    | HF456820 | Carbon Resistor           | 8.2K 1/4 J        |                |     | 01   |
| R127    | HF455330 | Carbon Resistor           | 330.0 1/4 J       |                |     | 01   |
| R128    | HF455100 | Carbon Resistor           | 100.0 1/4 J       |                |     | 01   |
| R129    | HF457100 | Carbon Resistor           | 10.0K 1/4 J       |                |     | 01   |
| R130    | HF457100 | Carbon Resistor           | 10.0K 1/4 J       |                |     | 01   |
| R133    | HF456470 | Carbon Resistor           | 4.7K 1/4 J        |                |     | 01   |
| R134    | VN067400 | Wire Wound Resistor       | 6.8 5W K          |                |     | 03   |
| R135    | HF457220 | Carbon Resistor           | 22.0K 1/4 J       |                |     | 01   |
| R136    | HF457330 | Carbon Resistor           | 33.0K 1/4 J       |                |     | 01   |
| R137    | VV557800 | Flame Proof C. Resistor   | 1.0 1/4 J         |                |     | 01   |

\*: New Parts

RANK: Japan only

|     | REF NO. | PART NO. | DESCRIPTION        |                    | REMARKS      | QTY | RANK |
|-----|---------|----------|--------------------|--------------------|--------------|-----|------|
| ⚠   | RY101   | VZ003600 | Relay              | DC OSZ-SS-124DM8   |              |     | 05   |
| ⚠ * | SW101   | V9268000 | Push Switch        | SY17-2-2(U1D1) UCS | POWER ON/OFF |     |      |
| ⚠   | T101    | XY592A00 | Power Transformer  | A                  | J            |     | 06   |
| ⚠   | T101    | XY593A00 | Power Transformer  | UL                 | U,V          |     | 06   |
| ⚠   | T101    | XY594A00 | Power Transformer  | CE A               | H,B,W,A,K    |     | 06   |
| ⚠ * | T102    | V8498800 | Coil               | SC-10-10J          | J,U,V        |     |      |
| ⚠ * | T102    | V9382800 | Coil               | RCV2505-050PF05    | H,B,W,K      |     |      |
| ⚠ * | T102    | V8498900 | Coil               | SC-05-20J          | A            |     |      |
| ⚠ * | T103    | V8498800 | Coil               | SC-10-10J          | J,U,V        |     |      |
| ⚠ * | T103    | V9382800 | Coil               | RCV2505-050PF05    | H,B,W,K      |     |      |
| ⚠ * | T103    | V8498900 | Coil               | SC-05-20J          | A            |     |      |
| ⚠ * | T104    | X0343A00 | Power Transformer  |                    | J            |     |      |
| ⚠ * | T104    | X0344A00 | Power Transformer  |                    | U,V          |     |      |
| ⚠ * | T104    | X0345A00 | Power Transformer  | CE A CLASS2        | H,B,W,K      |     |      |
| ⚠ * | T104    | X0346A00 | Power Transformer  | AS A CLASS2        | A            |     |      |
| *   | W101    | V8501700 | Connector Assembly | B&C #18 3P         | J,U,V,A      |     |      |
| *   | W101    | V9357200 | Connector Assembly | B&C #18 3P         | H,B,W,K      |     |      |
| *   | W102    | V8501600 | Connector Assembly | B&C #18 3P         | J,U,V,A      |     |      |
| *   | W102    | V9261400 | Connector Assembly | B&C #18 3P         | H,B,W,K      |     |      |
| ⚠   |         | V7240300 | AC Cord            | J VCTF 0.75X3      | J            |     |      |
| ⚠   |         | V6284300 | AC Cord            | UC SJT#18X3        | U,V          |     | 05   |
| ⚠   |         | V6284400 | AC Cord            | E H05VV-FX3 0.75   | H,W,A,K      |     | 06   |
| ⚠   |         | V6283900 | AC Cord            | BS H05VV-F3X0.75   | B            |     | 08   |
| *   |         | V6024100 | Fan                | 3110GL-B5W-B50-H01 |              |     | 08   |
|     |         | V8291500 | Coil               | EI 3MH             |              |     |      |

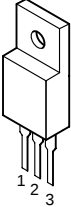
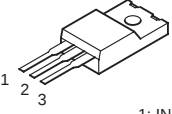
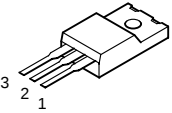
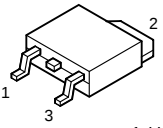
\*: New Parts

RANK: Japan only

## ■ CIRCUIT DIAGRAMS

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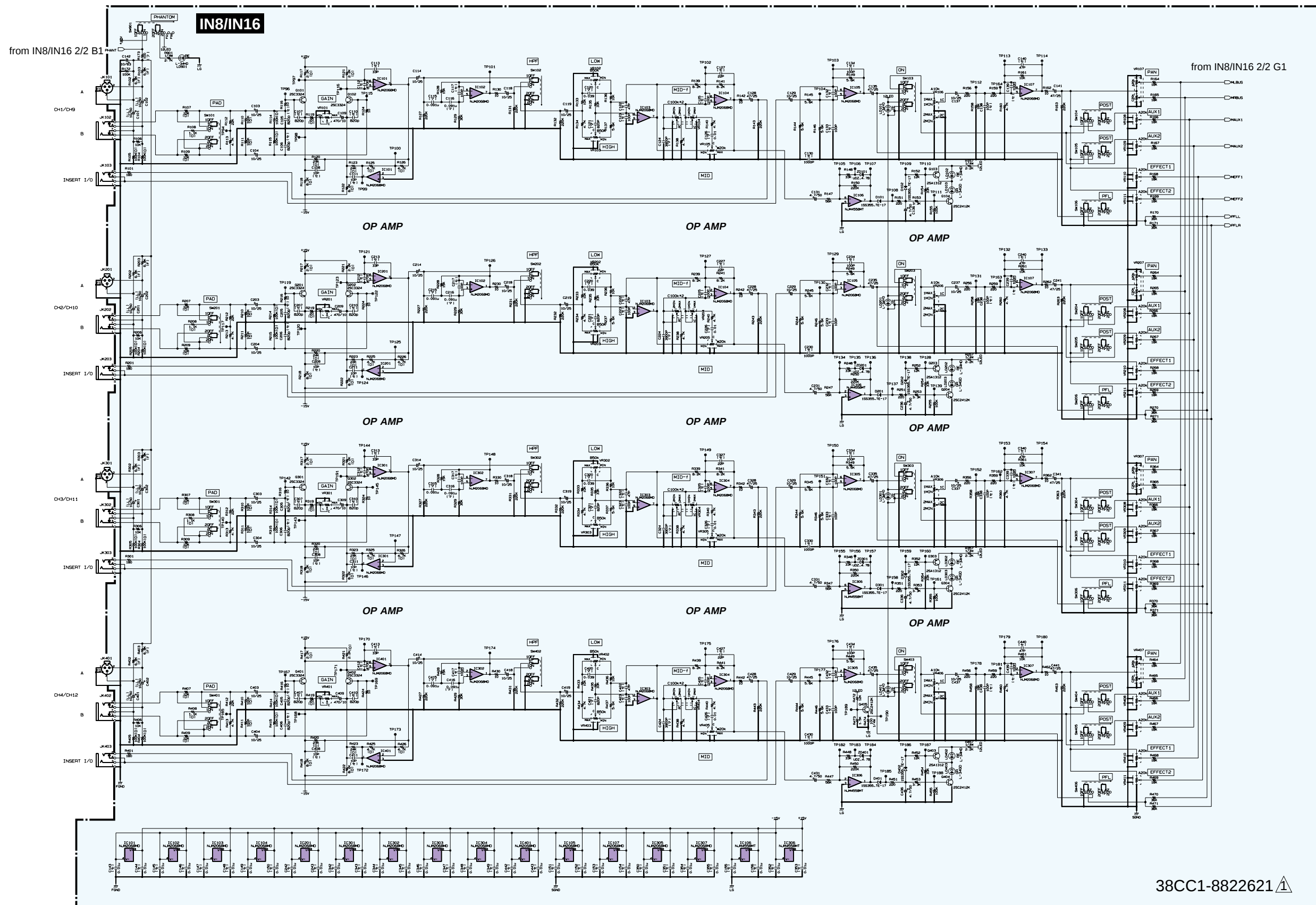
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>●NJM7805FA (XJ607A00)<br/>REGULATOR +5V</p>  <p>1: OUTPUT<br/>2: COMMON<br/>3: INPUT</p>   | <p>●NJM7812FA (XJ608A00)<br/>REGULATOR +12V<br/>●NJM7815FA (XD853A00)<br/>REGULATOR +15V</p>  <p>1: INPUT<br/>2: GND<br/>3: OUTPUT</p> |
| <p>●NJM7915FA (XD854A00)<br/>REGULATOR -15V</p>  <p>1: OUTPUT<br/>2: COMMON<br/>3: INPUT</p> | <p>●UPC29M33T-E1 (XU965A00)<br/>REGULATOR +3.3V</p>  <p>1: V IN<br/>2: GND<br/>3: OUTPUT</p>                                          |

(マイカ) : Myca Capacitor  
 (セ) : Ceramic Capacitor  
 (マ) : Mylar Capacitor  
 (F) : Metal Film Resistor  
 (金被) : Metal Film Resistor  
 規格認定コン : Capacitor  
 (フ) : Electrolytic Capacitor  
 酸金 : Oxide Film Resistor  
 (FP) : Flame Proof C.Resistor  
 セメント抵抗 : Wire Wound Resistor

**Note : See parts list for details of circuit board component parts.**

EMX5000-12/20 CIRCUIT DIAGRAM 1/9 (IN8/IN16 1/2)

EMX5000-12/20



EMX5000-12/20

EMX5000-12/20

C1

A

B

C

D

E

F

G

H

1

## ■ EMX5000-12/20 CIRCUIT DIAGRAM 2/9 (IN8/IN16 2/2)

EMX5000-12/20

2

3

4

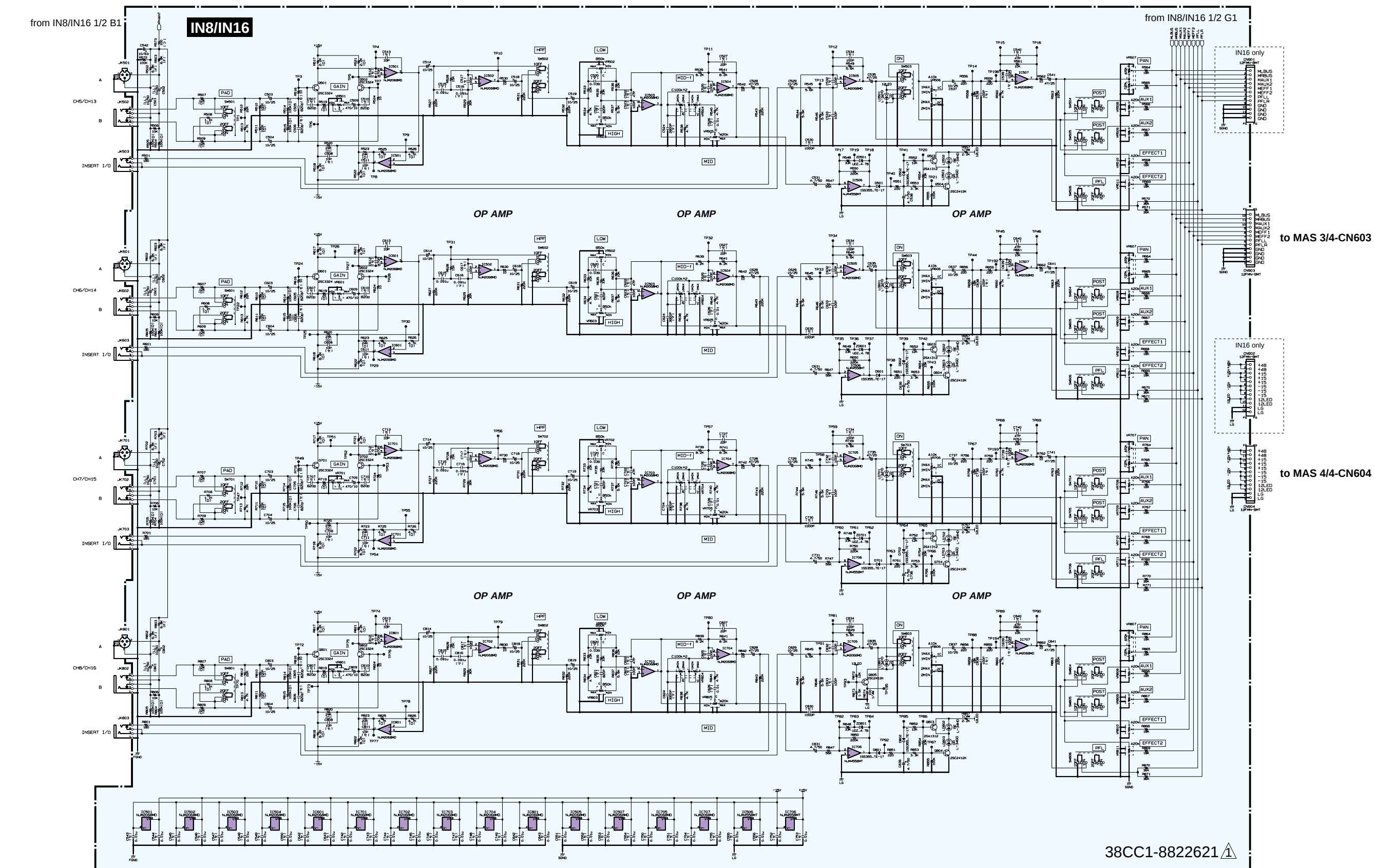
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6

C2

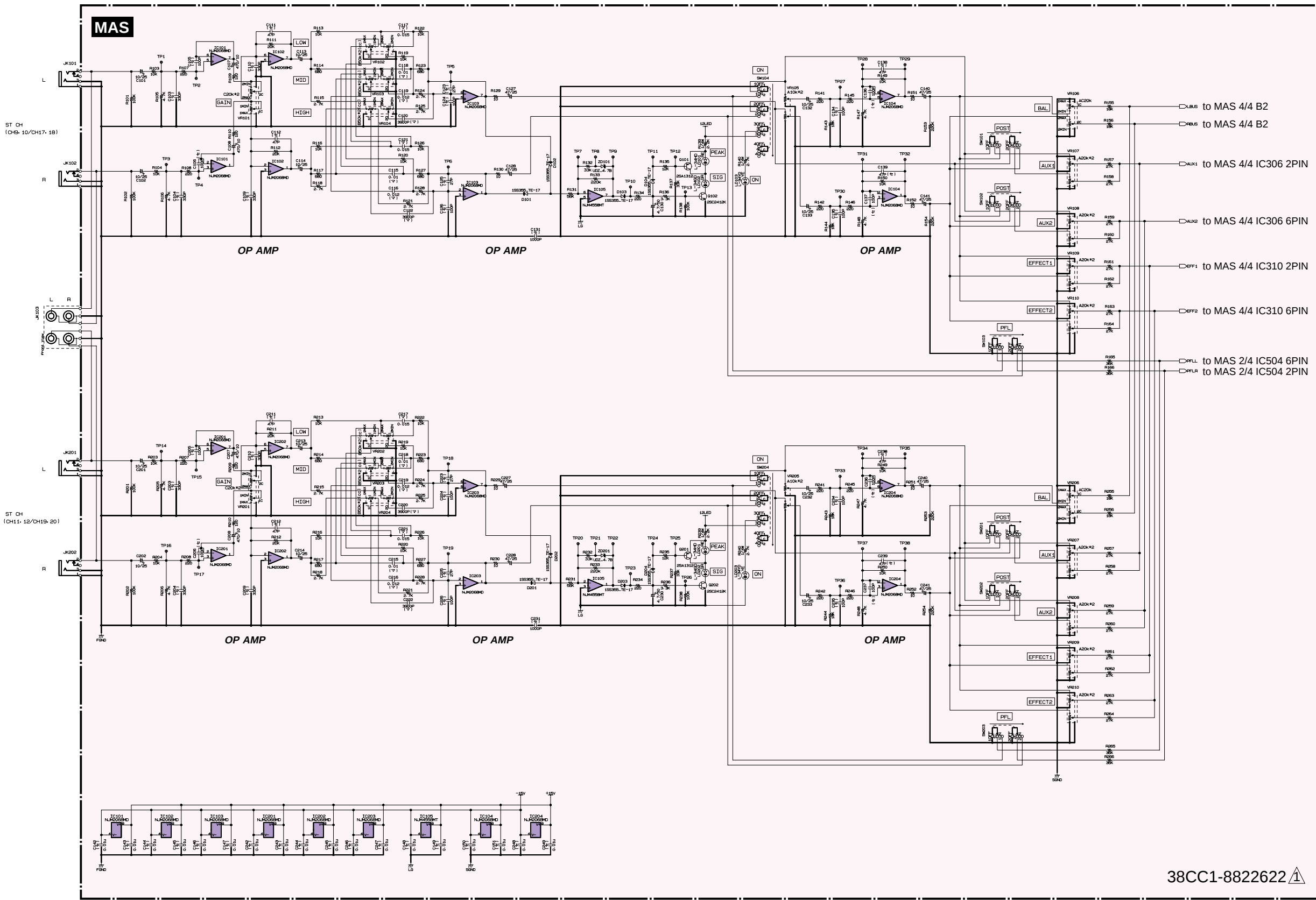
EMX5000-12/20

EMX5000-12/20



EMX5000-12/20 CIRCUIT DIAGRAM 3/9 (MAS 1/4)

EMX5000-12/20

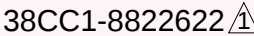


EMX5000-12/20

EMX5000-12/20

C3

**C4 EMX5000-12/20**



**1**



3

4

**5**

6

1

2

3

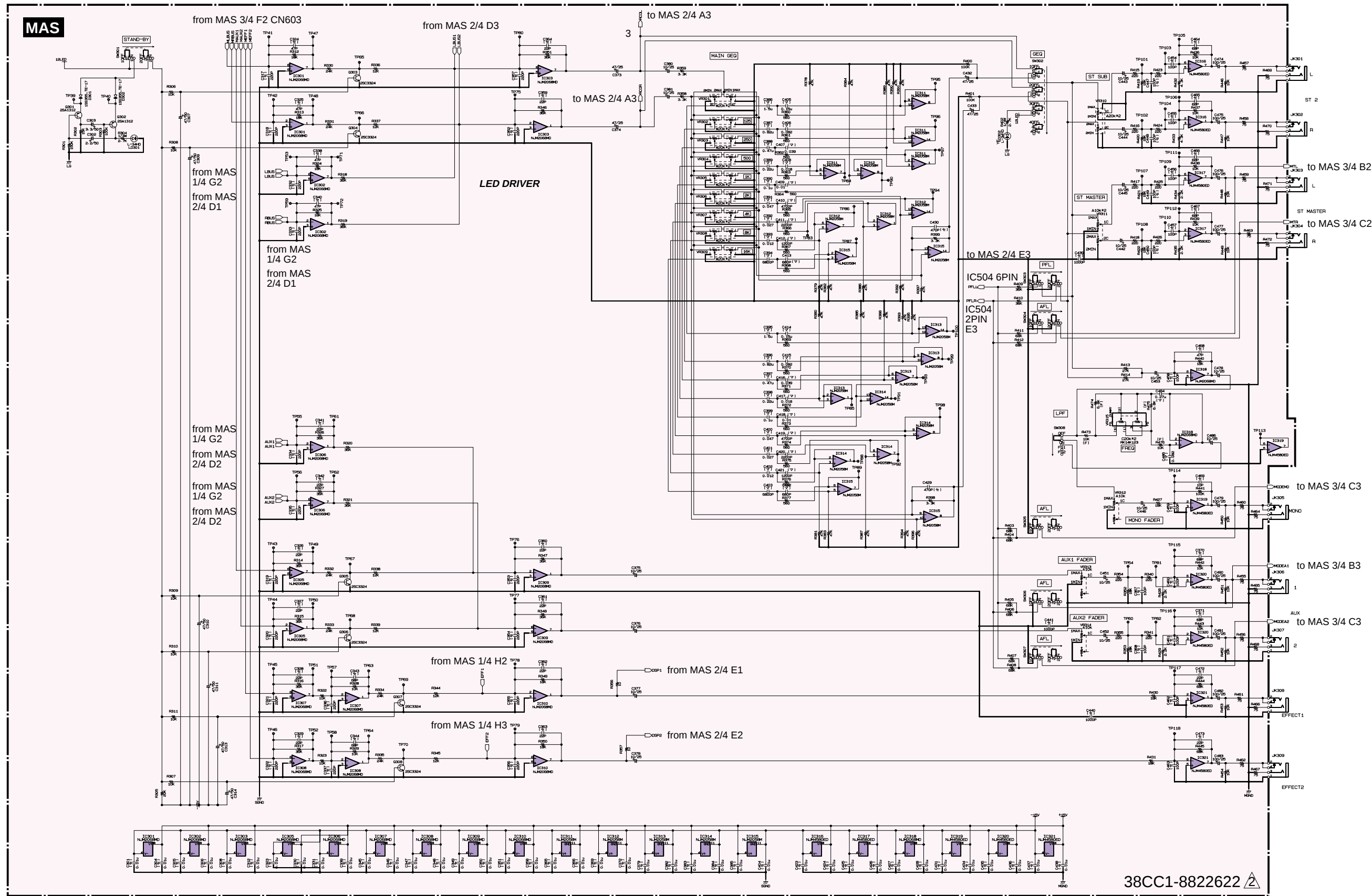
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5

6

EMX5000-12/20 CIRCUIT DIAGRAM 6/9 (MAS 4/4)

EMX5000-12/20

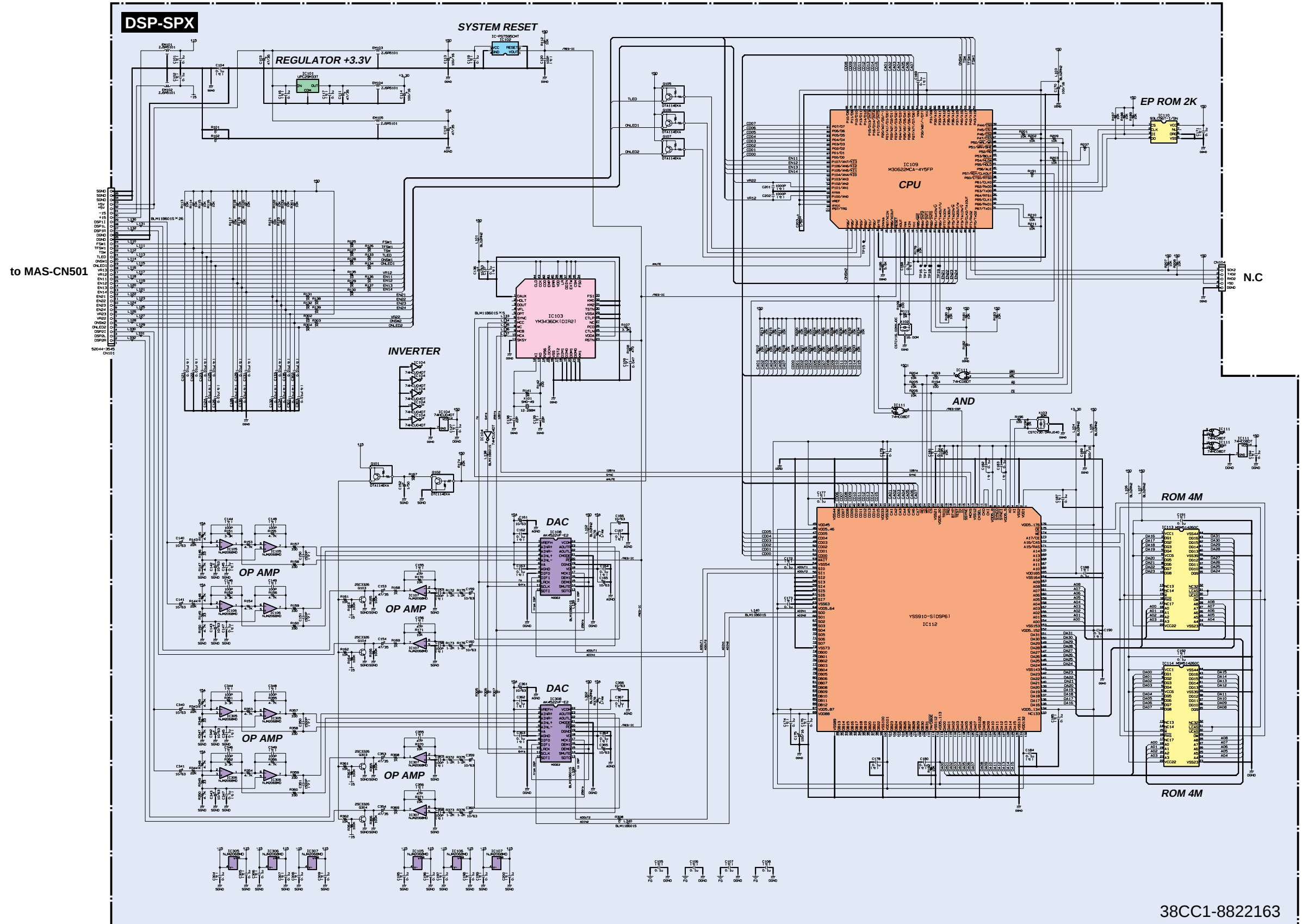


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EMX5000-12/20

EMX5000-12/20 CIRCUIT DIAGRAM 7/9 (DSP-SPX)

EMX5000-12/20

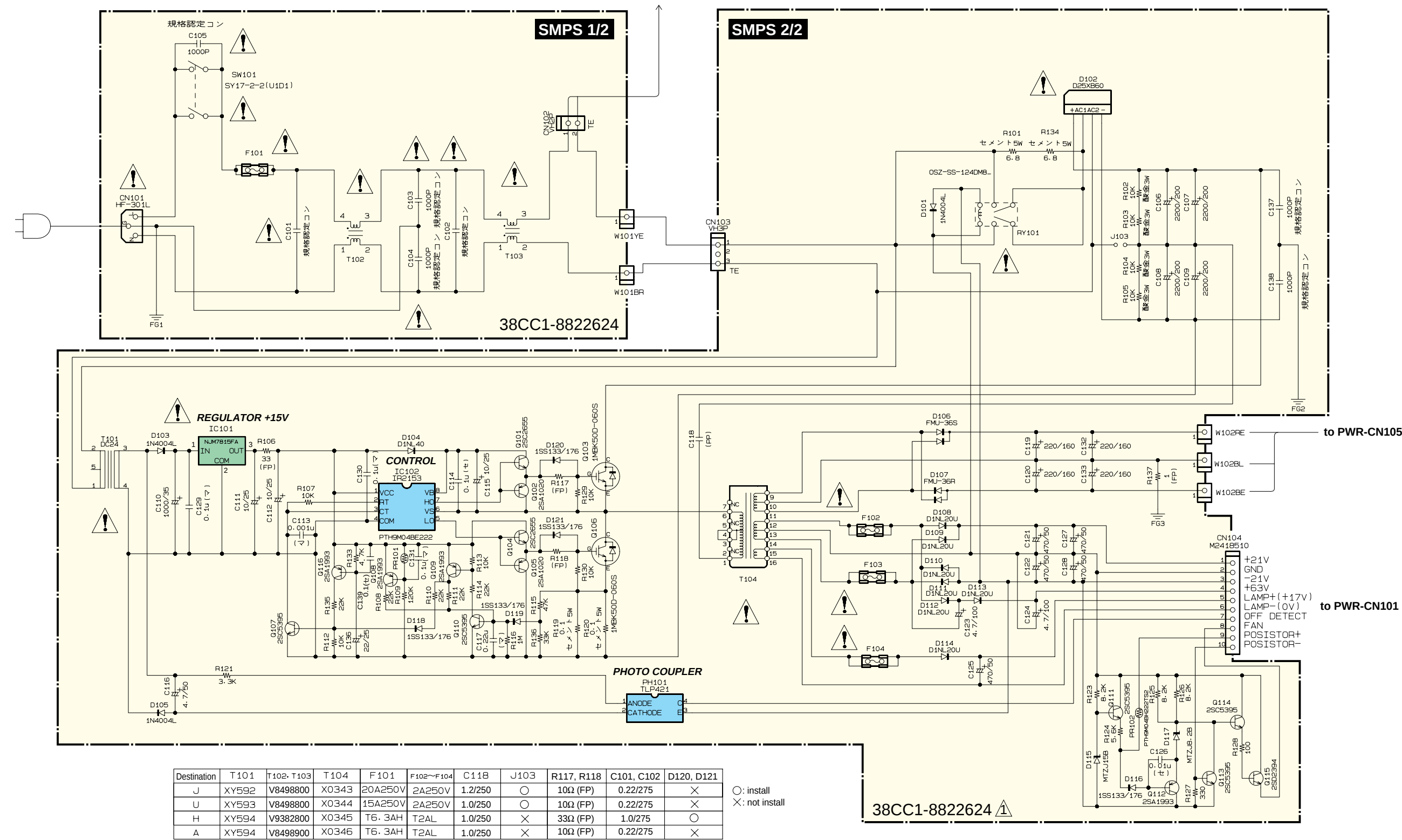


EMX5000-12/20

EMX5000-12/20

C7

EMX5000-12/20 CIRCUIT DIAGRAM 8/9 (SMPS 1/2, SMPS 2/2)



! 印 : Special characteristic

