

MIXING CONSOLE

M3000A-24/32 /40C/56C

SERVICE MANUAL



M3000A-56C

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IMPORTANT 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 believed 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.

LITHIUM BATTERY HANDLING

This product uses a lithium battery for memory back-up.

WARNING : Lithium batteries are dangerous because they can be exploded by improper handling. Observe the following precautions when handling or replacing lithium batteries.

- Leave lithium battery replacement to qualified service personnel.
- Always replace with batteries of the same type.
- When installing on the PC board by soldering, solder using the connection terminals provided on the battery cells.
- Never solder directly to the cells. Perform the soldering as quickly as possible.
- Never reverse the battery polarities when installing.
- Do not short the batteries.
- Do not attempt to recharge these batteries.
- Do not disassemble the batteries.
- Never heat batteries or throw them into fire.

ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig handling. Udskiftning må kun ske med batteri af samme fabrikat og type. lever det brugte batteri tilbage til leverandren.

VARNING

Explosionsfara vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.

Kassera använt batteri enligt fabrikantens instruktion.

VAROITUS

Paristo voi rajahtaa, jos se on virheellisesti asennettu.

Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.

Havita käytetty paristo valmistajan ohjeiden mukaisesti.

The following information complies with Dutch official Gazette 1995, 45; ESSENTIALS OF ORDER ON THE COLLECTION OF BATTERIES.

- Please refer to the disassembly procedure for the removal of Back-up Battery.
- Leest u voor het verwijderen van de backup batterij deze beschrijving.

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 WHATSOEVER!

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

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

SPECIFICATIONS

General specifications

0 dB is referenced to 0.775 Vrms.

Total Harmonic Distortion (Master output)	Less than 0.1% (THD+N) 20 Hz–20 kHz @ +14 dB 600 ohms
Frequency Response (Master Output)	0+1, –3 dB 20 Hz–20 kHz @ +4 dB 600 ohms
Hum & Noise (20 Hz–20 kHz)*1 Rs = 150 Ω	–128 dB Equivalent Input Noise. –97 dB Residual Output Noise. (MATRIX OUT)
Input Gain = Max. Input Pad = OFF Input sensitivity=–60 dB	–89 dB Residual Output Noise. (OTHERS)
	–64 dB(68 dB SN) MIX OUT Master Level control and one Ch fader at nominal level.
	–80 dB(84 dB SN) STEREO OUT Master fader at nominal level and all Ch assign SW's off and all MIX to ST SW's off.
	–75 dB(79 dB SN) MIX OUT(VARIABLE) Master Level control at nominal level and all Ch assign SW's off.
	–81 dB(85 dB SN) MIX OUT(FIX) Master Level control at nominal level and all Ch assign SW's off.
	–90 dB(94 dB SN) MATRIX OUT Master level control at nominal level and all Matrix Mix controls at minimum level.
Crosstalk	–80 dB @ 1 kHz adjacent inputs. –70 dB @ 1 kHz input to output.(CH INPUT) –50 dB @ 1 kHz input to output.(ST CH INPUT)
Maximum Voltage Gain	70 dB CH INPUT to DIRECT OUT 60 dB CH INPUT to CH INSERT OUT 80 dB CH INPUT to MIX OUT(VARIABLE, Pre Fader) 90 dB CH INPUT to MIX OUT(VARIABLE, Post Fader) 84 dB CH INPUT to MIX OUT(FIX;1–8, Post Fader) 84 dB CH INPUT to STEREO A OUT(CH to ST) 80 dB CH INPUT to STEREO B OUT(CH to ST) 100 dB CH INPUT to STEREO A OUT(VARIABLE, MIX;Post Fader) (via MIX to ST) 96 dB CH INPUT to MATRIX OUT(VARIABLE, MIX;Post Fader)(via MIX to MATRIX) 70 dB CH INPUT to MONITOR OUT(PFL) 47 dB ST CH A INPUT to MIX OUT(VARIABLE;1–12, Pre Fader) 54 dB ST CH A INPUT to MIX OUT(FIX;1–8) 44 dB ST CH B INPUT to MIX OUT(FIX;1–8) 70 dB TALKBACK IN to MIX OUT 6 dB SUB IN to STEREO B OUT, MONITOR OUT, MATRIX OUT 10 dB SUB IN to STEREO A OUT, MIX OUT 6 dB 2TR IN 1 to MONITOR OUT 17.8 dB 2TR IN 2 to MONITOR OUT

CH INPUT PAD SW	26 dB
CH INPUT GAIN control	44 dB variable
ST CH INPUT GAIN control	40 dB variable (ST CH A INPUT) 30 dB variable (ST CH B INPUT)
CH INPUT High Pass Filter	12 dB/octave roll-off below 20–400 Hz at –3 dB point.

CH INPUT Equalization	+15, –15 dB maximum
	HIGH 1k– 20 kHz (peaking, Q=0.667)
	HIGH-MID 400– 8 kHz (peaking, Q=1.41/2.88)
	LOW-MID 80–1.6 kHz (peaking, Q=1.41/2.88)
	LOW 30– 600 Hz (peaking, Q=0.667)

ST CH INPUT Equalization	+15, –15 dB maximum
	HIGH 20 kHz (peaking, Q=0.667)
	HIGH-MID 3 kHz (peaking, Q=1.41/2.88)
	LOW-MID 800 Hz (peaking, Q=1.41/2.88)
	LOW 50 Hz (peaking, Q=0.667)

Phantom Power +48V	DC is applied to balanced inputs (via 6.8 kohms current-limiting/isolation resistors) for powering condenser microphones ; may be turned ON or OFF via rear-panel phantom Master switch. When Master is ON, individual channels may be turned ON or OFF via +48V switches(with red LED) on each input channel.
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CH LED Indicators	PEAK LED(red) built into each CH INPUT turns on when pre-Fader level reaches +18 dB.
	NOM LED(yellow) built into each CH INPUT turns on when pre-Fader level reaches 0 dB.
	SIGNAL LED(green) built into each CH INPUT turns on when pre-Fader level reaches –10 dB.

ST CH LED Indicators	PEAK LED(red) built into each ST CH INPUT turns on when pre-Fader [L+R] level reaches +18 dB.
	NOM LED(yellow) built into each ST CH INPUT turns on when pre-Fader [L+R] level reaches 0 dB.
	SIGNAL LED(green) built into each ST CH INPUT turns on when pre-Fader [L+R] level reaches –10 dB.

Oscillator/Noise	Switchable sine wave @ 100 Hz, 1 kHz or 10 kHz(1% T.H.D. @ +4 dB output), or pink noise.
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Scene Memory	Direct Scene Memory recall switches (1–8) Switchable Scene Memory recall (1–128)
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VU Meters	12 illuminated meters (0VU=+4 dB output @ 600 ohms load) #1 ; MIX1 / MIX9 / MATRIX1 #2 ; MIX2 / MIX10 / MATRIX2 #3 ; MIX3 / MIX11 / MATRIX3 #4 ; MIX4 / MIX12 / MATRIX4 #5 ; MIX5 / MIX13 / MATRIX5 #6 ; MIX6 / MIX14 / MATRIX6 #7 ; MIX7 / MIX15 / MATRIX7 #8 ; MIX8 / MIX16 / MATRIX8 #9 ; STEREO A L #10; STEREO A R #11; STEREO B L / CUE L #12; STEREO B R / CUE R
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VU Meter Peak Indicators	LED(red) built into each VU meter turns on when output signal is above the level 3 dB lower than clipping level.
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Dimension	Height 265 mm Depth 874 mm Width 2571 mm(56C), 2043 mm (40C), 1779 mm (32), 1515 mm(24)
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Weight	128 kg (56C), 108 kg (40C), 95 kg (32), 85 kg(24)
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*1 Hum & Noise are measured with a 6 dB/octave filter @ 12.7 kHz;equivalent to a 20 kHz filter with infinite dB/octave attenuation.

For European Model
Purchase/User information specified in EN55103-1 and EN55103-2.
Conformed Environment: E1, E2, E3 and E4.

Input/output characteristics

Input specifications

Connection	PAD	Gain Trim	Actual Load Impedance	For Use With Nominal	Input Level			Connector In Mixer
					Sensitivity *6	Nominal	Max before Clip	
CH INPUT (1~24) (1~32) (1~40) (1~56)	0	-60	3 kohms	50-600 ohms Mics & 600 ohms Lines	-86 dB(0.039 mV)	-60 dB(0.775 mV)	-40 dB(7.75 mV)	XLR-3-31 type *1
	26				-60 dB(0.775 mV)	-34 dB(15.5 mV)	-14 dB(155 mV)	
	0	-16			-42 dB(6.16 mV)	-16 dB(123 mV)	+4 dB(1.23 V)	
	26				-16 dB(123 mV)	+10 dB(2.45 V)	+30 dB(24.5 V)	
ST CH A INPUT [L, R] (1~4)		-30	5 kohms	600 ohms Lines	-56 dB(1.23 mV)	-30 dB(24.5 mV)	-10 dB(245 mV)	XLR-3-31 type *1
		+10			-16 dB(123 mV)	+10 dB(2.45 V)	+30 dB(24.5 V)	
ST CH B INPUT [L, R] (1~4)		-20	10 kohms	600 ohms Lines	-46 dB(3.88 mV)	-20 dB(77.5 mV)	0 dB(0.775 V)	Phono Jack *3
		+10			-16 dB(123 mV)	+10 dB(2.45 V)	+30 dB(24.5 V)	
TALKBACK IN			10 kohms	50-600 ohms Mics	-66 dB(0.388 mV)	-50 dB(2.45 mV)	-20 dB(77.5 mV)	XLR-3-31 type *2
2TR IN 1 [L, R] 2TR IN 2 [L, R]			10 kohms	600 ohms Lines	-2 dB(0.616 V)	+4 dB(1.23 V)	+24 dB(12.3 V)	XLR-3-31 type *1
					-16 dBV(158 mV)	-10 dBV(316 mV)	+10 dBV(3.16 V)	Phono Jack *3
CUE SUB IN [L, R] MATRIX SUB IN [L, R]			10 kohms	600 ohms Lines	-2 dB(0.616 V)	+4 dB(1.23 V)	+24 dB(12.3 V)	Phone Jack(TRS) *4
STEREO SUB IN [L, R] MIX SUB IN (1~16)					-6 dB(388 mV)			
CH INSERT IN (1~24, 32, 40, 56)			10 kohms	600 ohms Lines	-26 dB(38.8 mV)	0 dB(0.775 V)	+20 dB(7.75 V)	Phone Jack(TRS) *5
STEREO INSERT IN [L, R] MIX INSERT IN (1~16)					-10 dB(245 mV)			

* 0 dB=0.775 Vrms, 0 dBV=1Vrms.

*1 XLR connectors are balanced.

*2 XLR connector is unbalanced.

*3 Phono Jacks are unbalanced.

*4 SUB IN Phone Jacks(TRS) are unbalanced(T=SIGNAL, R=GND, S=GND).

*5 INSERT Phone Jacks(TRS) are unbalanced(T=OUTPUT, R=INPUT, S=GND).

*6 Sensitivity is the lowest level that will produce an output of +4 dB(1.23 V), or the nominal output level when the unit is set to maximum level.

Output specifications

Connection	Actual Source Impedance	For Use With Nominal	Output Level		Connector In Mixer
			Nominal	Max before Clip	
STEREO A OUT [L, R] STEREO B OUT [L, R] MIX OUT (1~16) MONITOR OUT [L, R] MATRIX OUT (1~8)	150 ohms	600 ohms Lines	+4 dB(1.23 V)	+24 dB(12.3 V)	XLR-3-32 type *1
CH DIRECT OUT (1~24, 32, 40, 56) CH INSERT OUT (1~24, 32, 40, 56)	600 ohms	10 kohms Lines	0 dB(0.775 V)	+20 dB(7.75 V)	Phone Jack(TRS) *2 Phone Jack(TRS) *3
STEREO INSERT OUT [L, R] MIX INSERT OUT (1~16)	600 ohms	10 kohms Lines	0 dB(0.775 V)	+20 dB(7.75 V)	Phone Jack(TRS) *3
PHONES OUT [L, R]	100 ohms	8 ohms Phones	10 mW	20 mW	Stereo Phone Jack *4
		40 ohms Phones	30 mW	75 mW	

* 0 dB=0.775 Vrms.

*1 All XLR connectors are balanced.

*2 CH DIRECT OUT Phone Jacks(TRS) are unbalanced(T=SIGNAL, R=GND, S=GND).

*3 INSERT Phone Jacks(TRS) are unbalanced(T=OUTPUT, R=INPUT, S=GND).

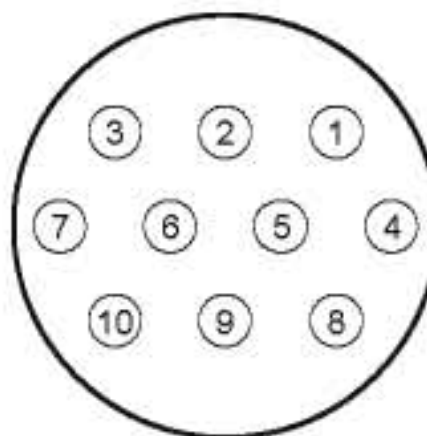
*4 Stereo Phone Jack is unbalanced.

Other

Connector wiring

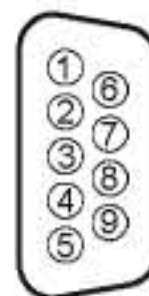
DC POWER INPUT

Pin No.	Signal name
1	Power supply remote
2	+15 V
3	±15 V GND
4	+48 V GND
5	-15 V
6	+12 V
7	+12V GND/ power supply remote
8	Power supply remote
9	+48 V
10	FRAME GND



VCA EXTERNAL I/O

Pin No.	Signal name
1	VCA GROUP 1
2	VCA GROUP 2
3	VCA GROUP 3
4	VCA GROUP 4
5	VCA GROUP 5
6	VCA GROUP 6
7	VCA GROUP 7
8	VCA GROUP 8
9	GND



Included items

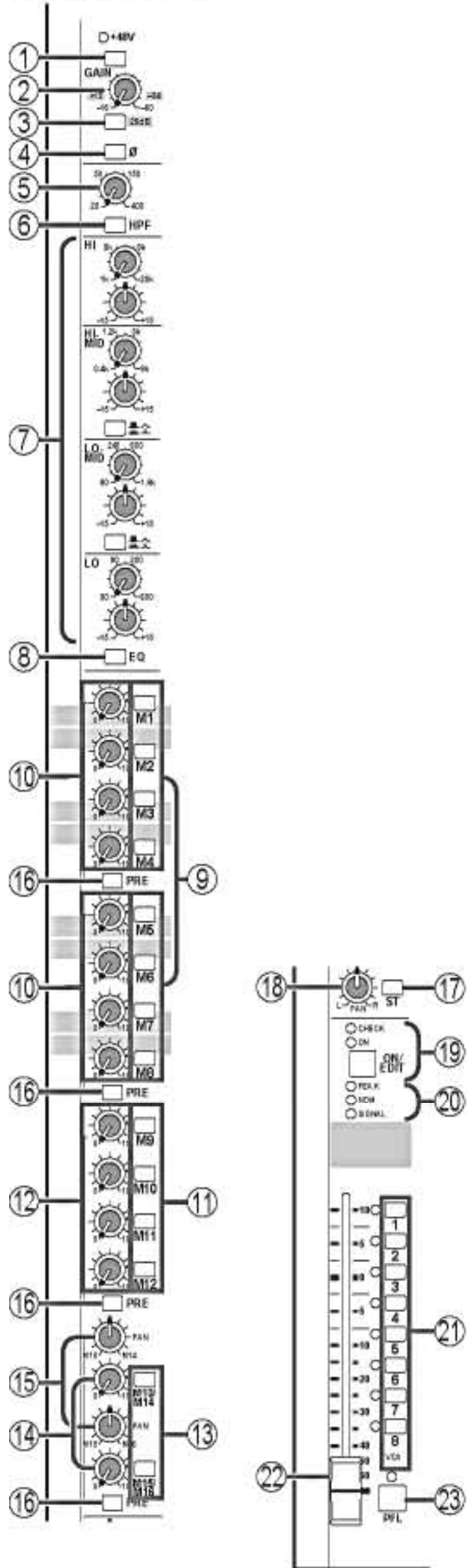
Power supply connection cable (3 m, 10 pin)

M3000A

M3000A

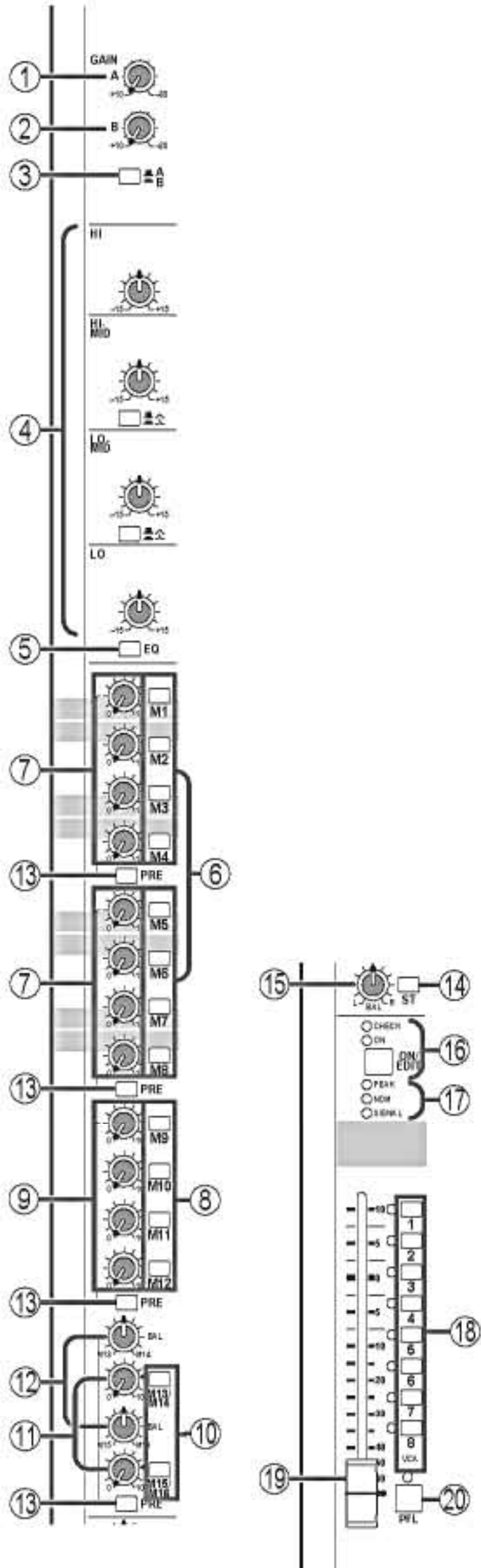
PANEL LAYOUT

Control panel
Input channel section
Mono input channels



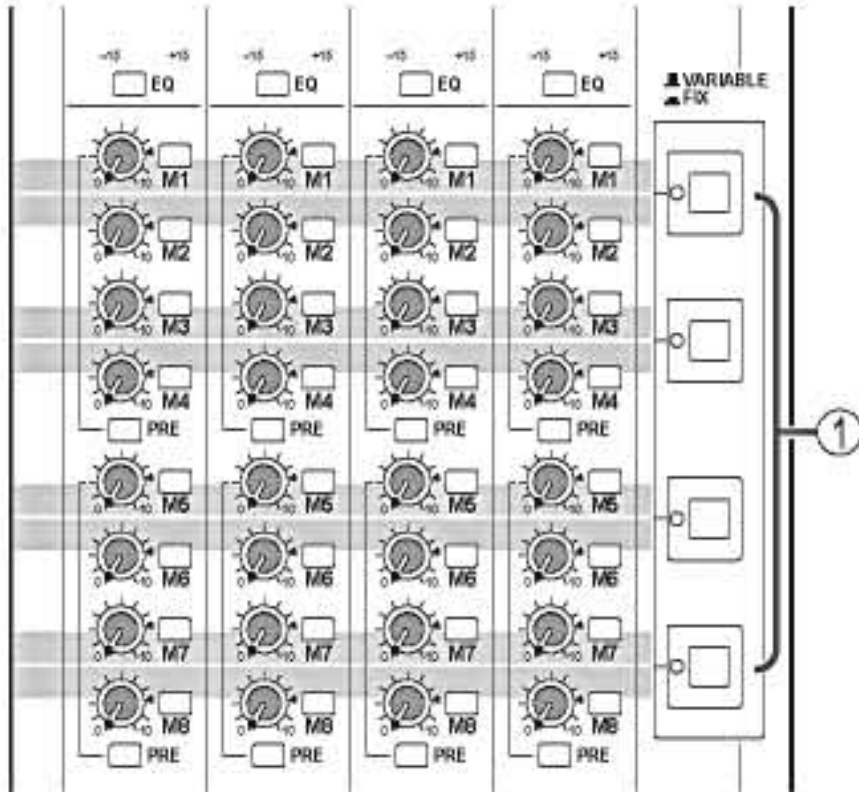
- ① Phantom power switch/+48 V indicator
- ② GAIN control
- ③ 26 dB pad switch
- ④ ϕ (phase) switch
- ⑤ HPF (high pass filter) control
- ⑥ HPF switch
- ⑦ EQ control
- ⑧ EQ switch
- ⑨ M1–M8 switches
- ⑩ M1–M8 mix level controls
- ⑪ M9–M12 switches
- ⑫ M9–M12 mix level controls
- ⑬ M13/M14, M15/M16 switches
- ⑭ M13/M14, M15/M16 mix level controls
- ⑮ M13/M14, M15/M16 pan controls
- ⑯ PRE switches
- ⑰ ST (stereo) switch
- ⑱ PAN control
- ⑲ ON/EDIT switch/ON, CHECK indicators
- ⑳ PEAK/NOM/SIGNAL indicators
- ㉑ VCA GROUP select switches
- ㉒ Channel fader
- ㉓ PFL (pre-fader listen) switch

Stereo Input channels



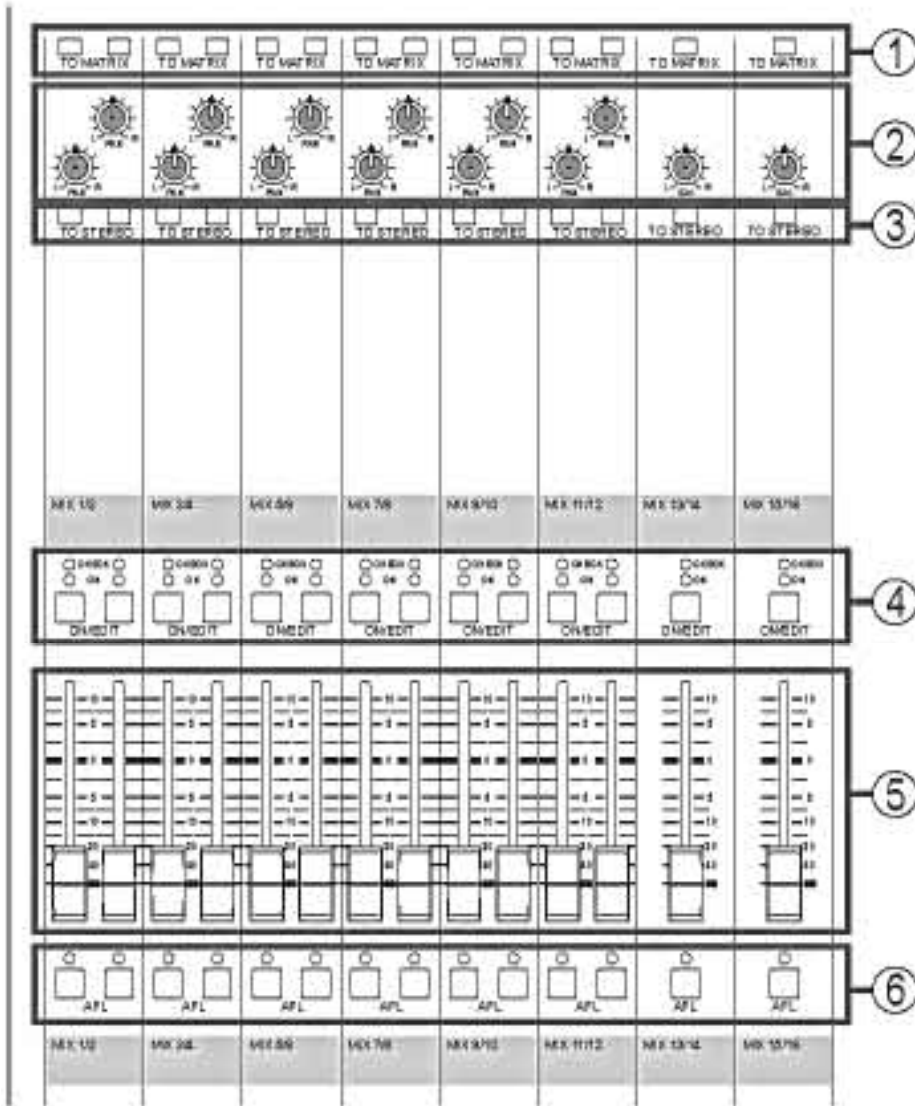
- ① GAIN A control
- ② GAIN B control
- ③ A/B select switch
- ④ EQ controls
- ⑤ EQ switch
- ⑥ M1-M8 switches
- ⑦ M1-M8 mix level controls
- ⑧ M9-M12 switches
- ⑨ M9-M12 mix level controls
- ⑩ M13/M14, M15/M16 switches
- ⑪ M13/M14, M15/M16 mix level controls
- ⑫ M13/M14, M15/M16 BAL (balance) controls
- ⑬ PRE switches
- ⑭ ST (stereo) switch
- ⑮ BAL (balance) control
- ⑯ ON/EDIT switch/ON, CHECK indicators
- ⑰ PEAK/NOM/SIGNAL indicators
- ⑱ VCA GROUP select switches
- ⑲ Channel fader
- ⑳ PFL (pre-fader listen) switch

Variable/fixed select section



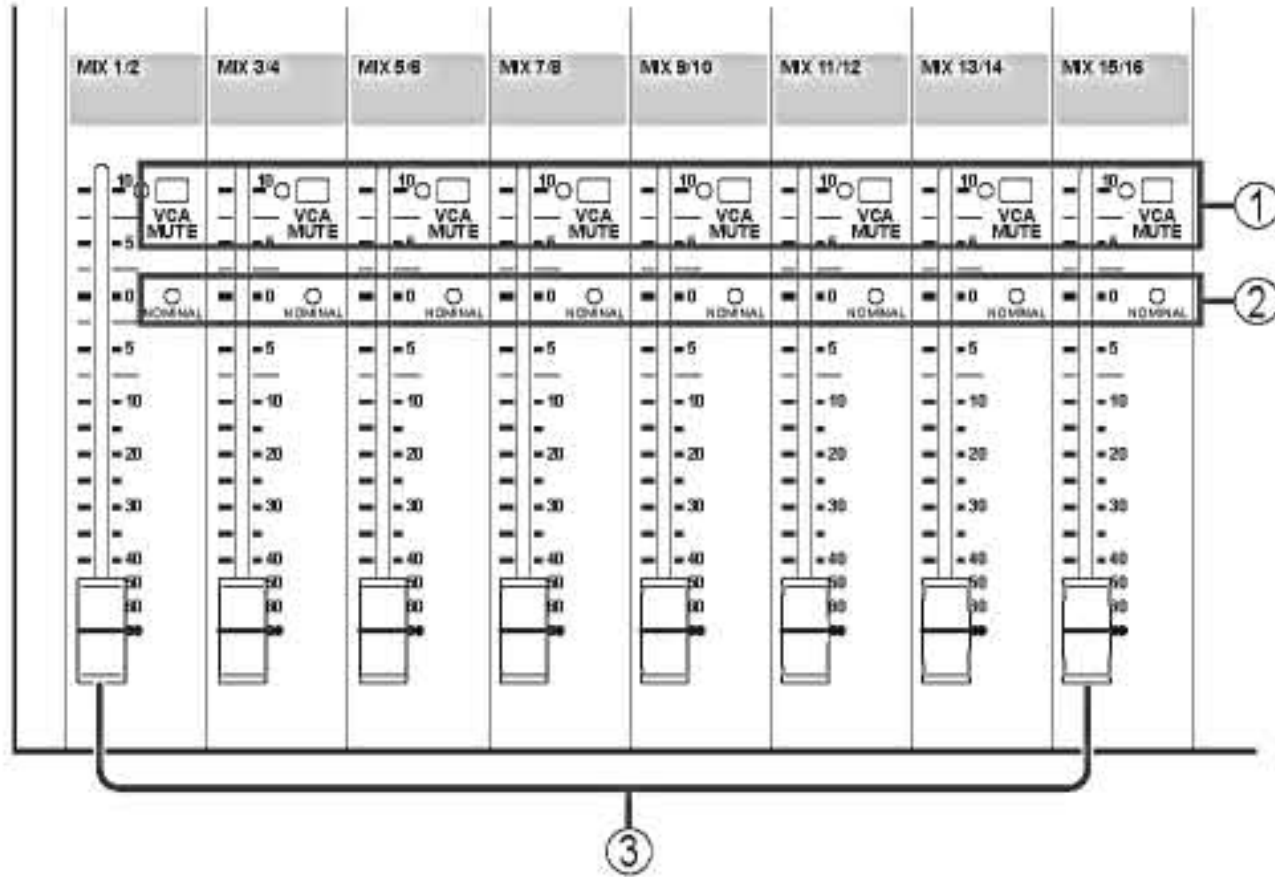
① Variable/fixed select switches

Mix section



- ① TO MATRIX switches
- ② PAN controls/BAL controls
- ③ TO STEREO switches
- ④ ON/EDIT switches
- ⑤ Mix master faders
- ⑥ AFL (after fader listen) switches

VCA master fader section



VCA master fader section

- ① VCA MUTE switches
- ② NOMINAL indicators
- ③ VCA master faders

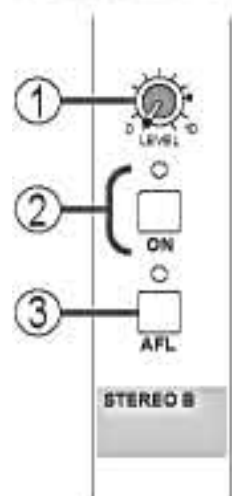
STEREO A section

- ① TO MATRIX switch
- ② ON/EDIT switch
- ③ AFL switch
- ④ ST (stereo) fader

STEREO A section

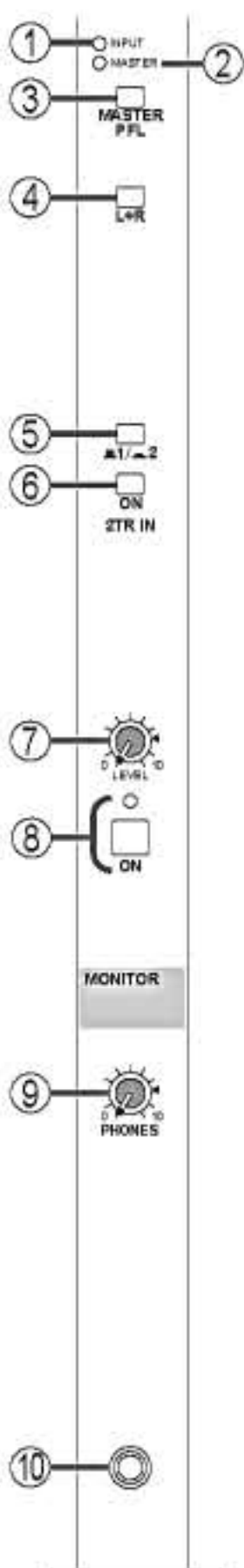


STEREO B section



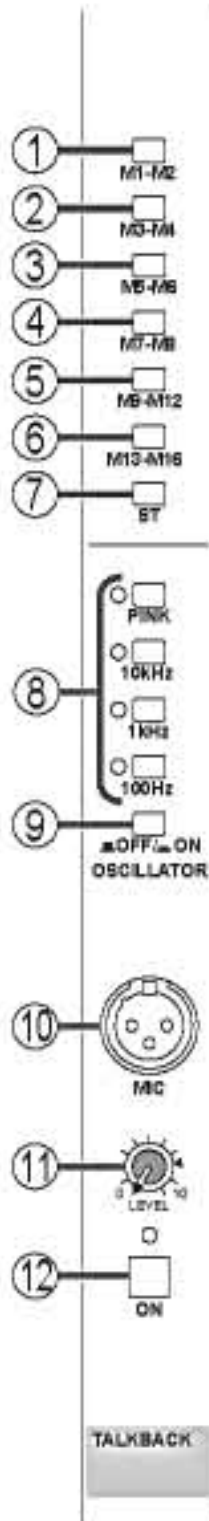
- ① LEVEL control
- ② ON switch
- ③ AFL switch

Monitor section



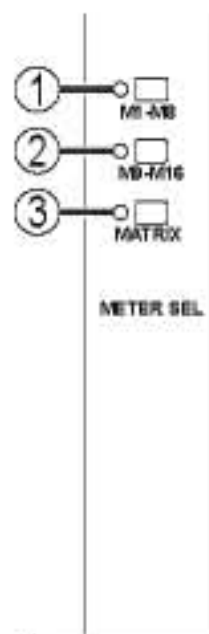
- ① INPUT indicator
- ② MASTER indicator
- ③ MASTER PFL switch
- ④ L+R switch
- ⑤ 1/2 select switch
- ⑥ ON switch
- ⑦ LEVEL control
- ⑧ ON switch
- ⑨ PHONES (headphone) control
- ⑩ PHONES jack

Talkback section



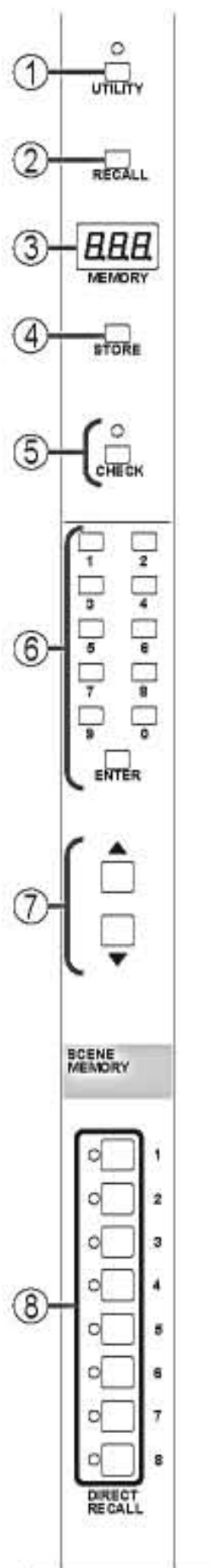
- ① M1-M2 switch
- ② M3-M4 switch
- ③ M5-M6 switch
- ④ M7-M8 switch
- ⑤ M9-M12 switch
- ⑥ M13-M16 switch
- ⑦ ST switch
- ⑧ OSCILLATOR select switch
- ⑨ OSCILLATOR OFF/ON switch
- ⑩ MIC jack
- ⑪ LEVEL control
- ⑫ ON switch

Meter select section



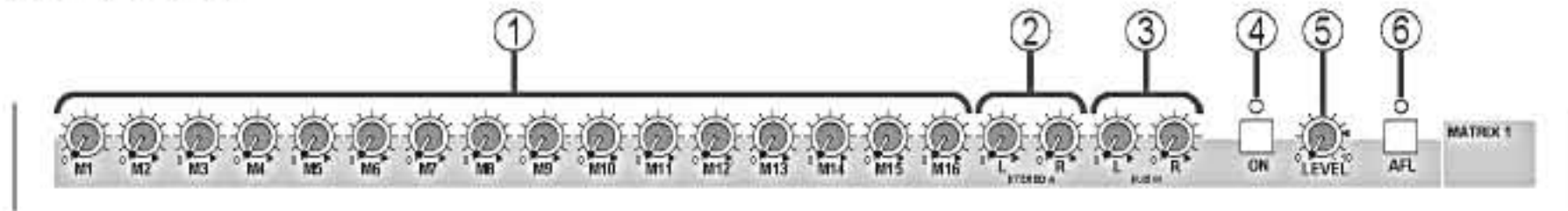
- ① M1-M8 switch
- ② M9-M16 switch
- ③ MATRIX switch

Control section



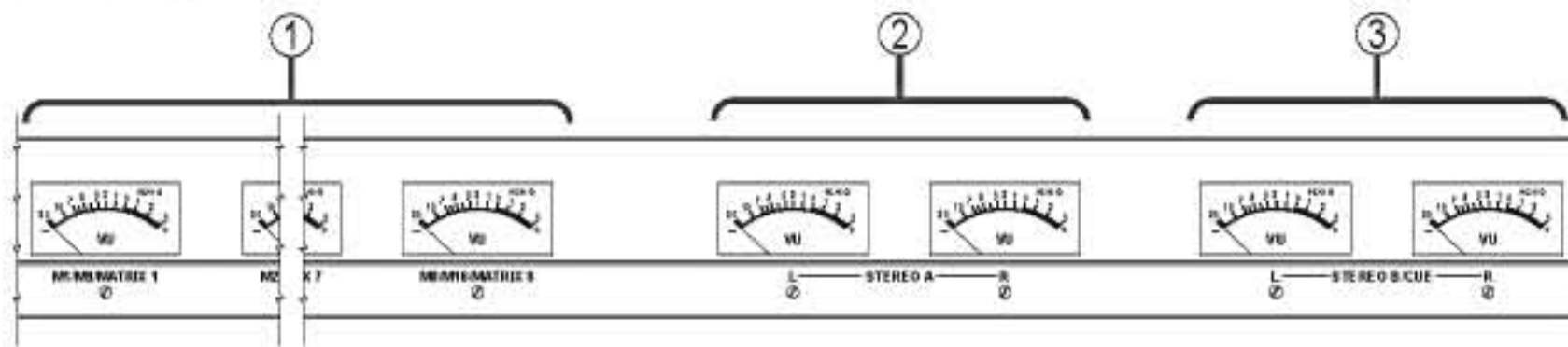
- ① UTILITY switch
- ② RECALL switch
- ③ MEMORY display
- ④ STORE key
- ⑤ CHECK switch
- ⑥ 0-9/ENTER buttons
- ⑦ ▲ / ▼ switches
- ⑧ DIRECT RECALL 1-8 switches

Matrix section



- ① M1–M16 controls
- ② STEREO A L/R controls
- ③ SUB IN L/R controls
- ④ ON switch
- ⑤ LEVEL control
- ⑥ AFL switch

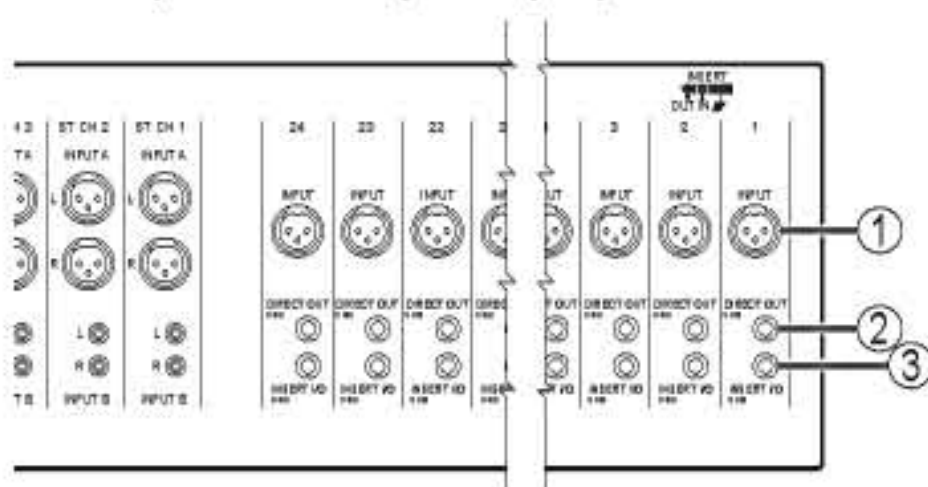
Meter bridge



- ① M1/M9/MATRIX1–M8/M16/MATRIX8 level
- ② STEREO A level meters
- ③ STEREO B/CUE level meters

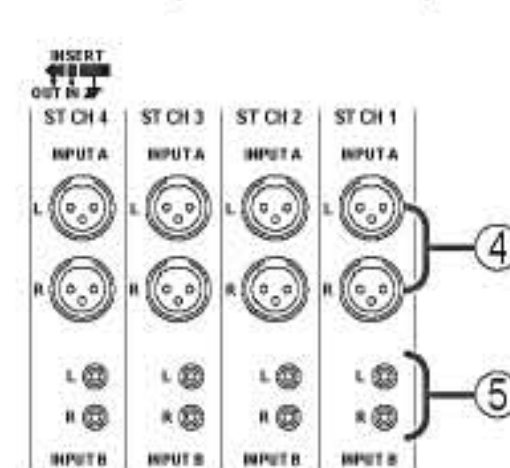
• Rear panel

Mono input channel input/output jacks



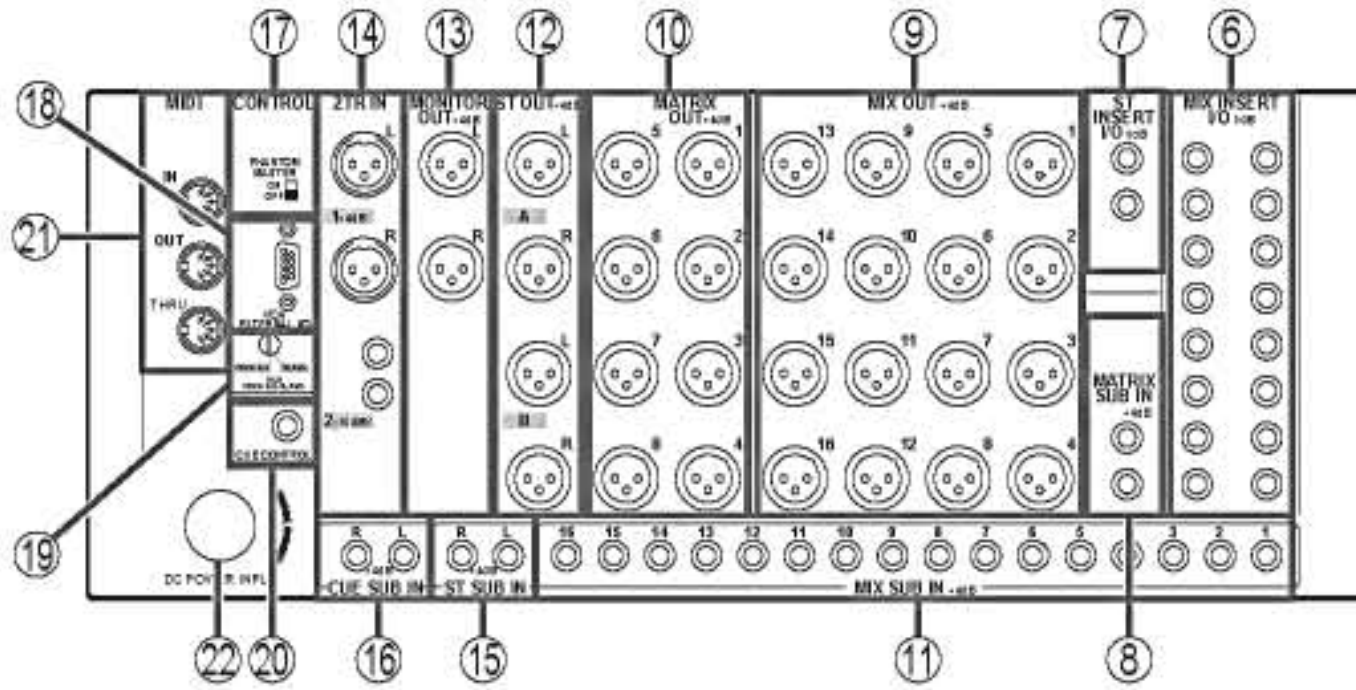
- ① INPUT jacks
- ② DIRECT OUT jacks
- ③ INSERT I/O jacks

Stereo input channel input/output jacks



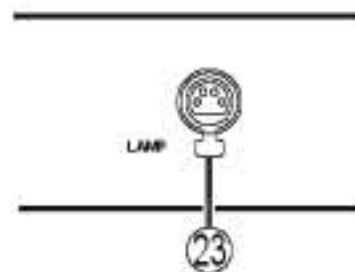
- ④ INPUT A jacks
- ⑤ INPUT B jacks

Master section input/output jacks



- ⑥ MIX INSERT I/O jacks
- ⑦ STEREO INSERT I/O jacks
- ⑧ MATRIX SUB IN jacks
- ⑨ MIX OUT jacks
- ⑩ MATRIX OUT jacks
- ⑪ MIX SUB IN jacks
- ⑫ ST OUT A/B jacks
- ⑬ MONITOR OUT jacks
- ⑭ 2TR IN jacks
- ⑮ ST SUB IN jacks
- ⑯ CUE SUB IN jacks
- ⑰ PHANTOM MASTER switch
- ⑱ VCA EXTERNAL I/O connector
- ⑲ VCA MASTER/SLAVE switch
- ⑳ CUE CONTROL jack
- ㉑ MIDI IN/OUT/THRU connectors
- ㉒ DC POWER INPUT connector

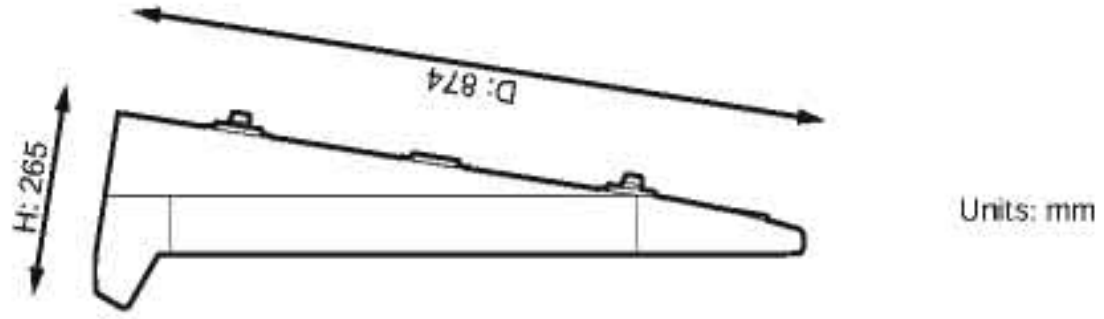
Output connector for illumination power supply



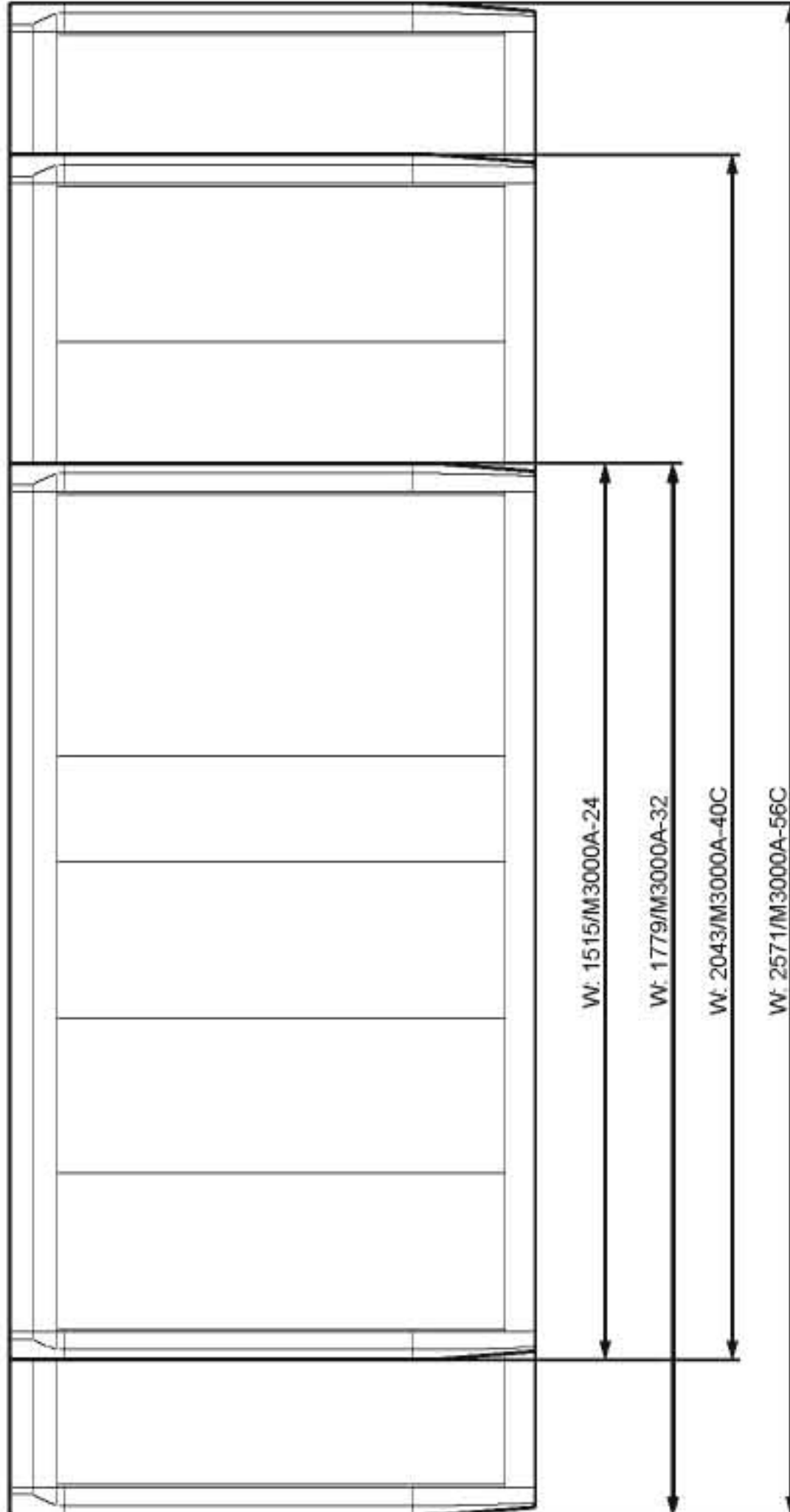
- ① LAMP connector

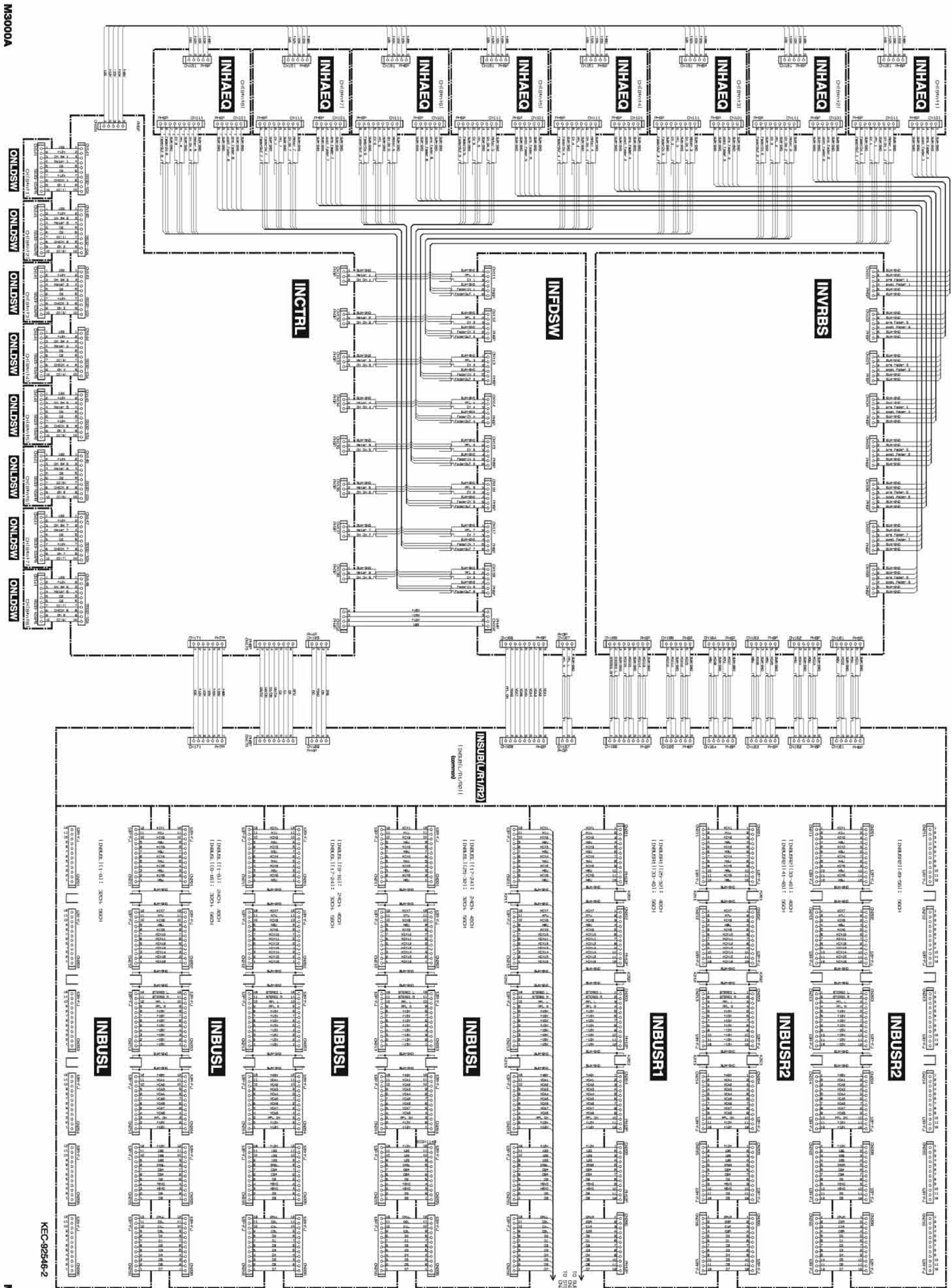
M3000A

■ DIMENSIONS



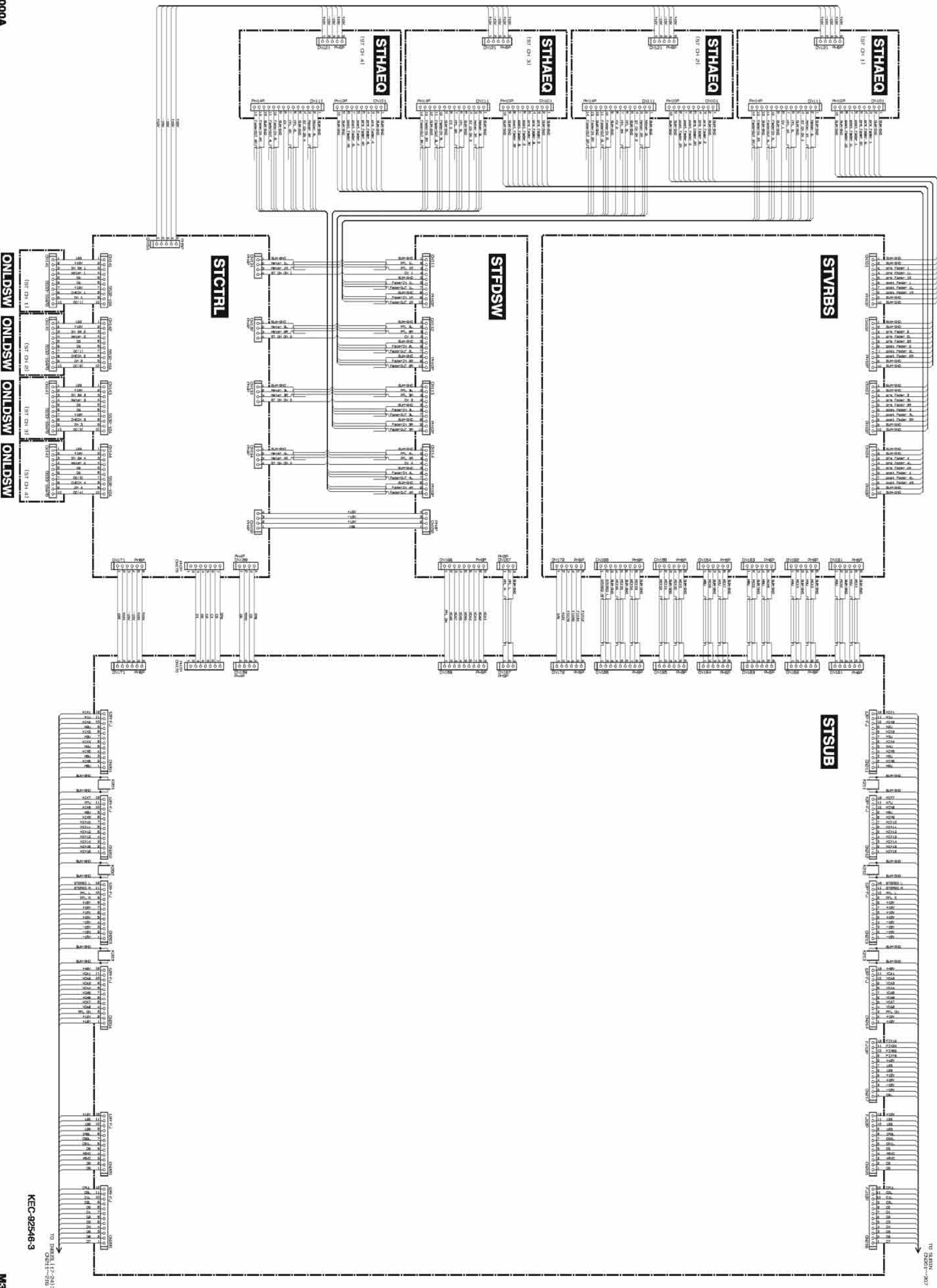
Units: mm





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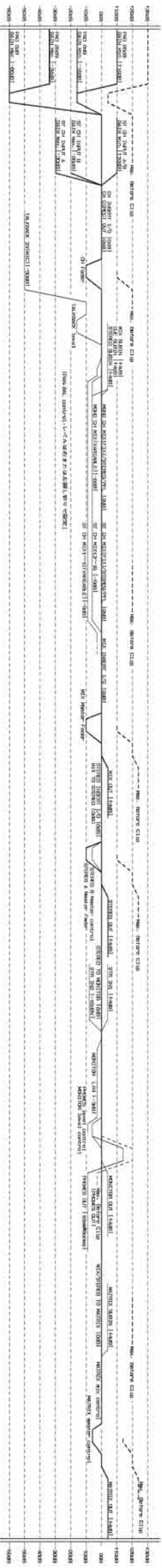
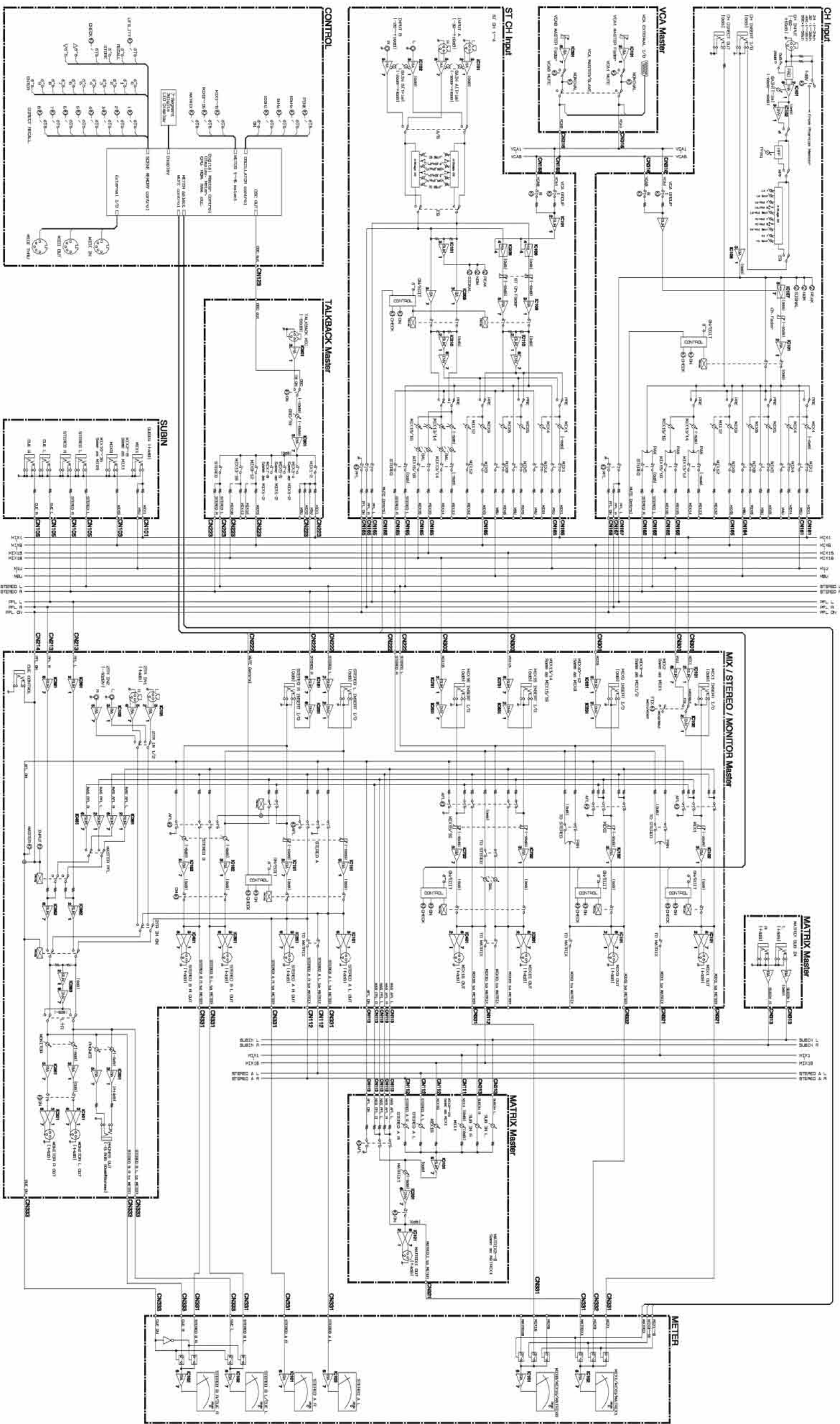
M3000A
20

TO STATM
STATM 1-20

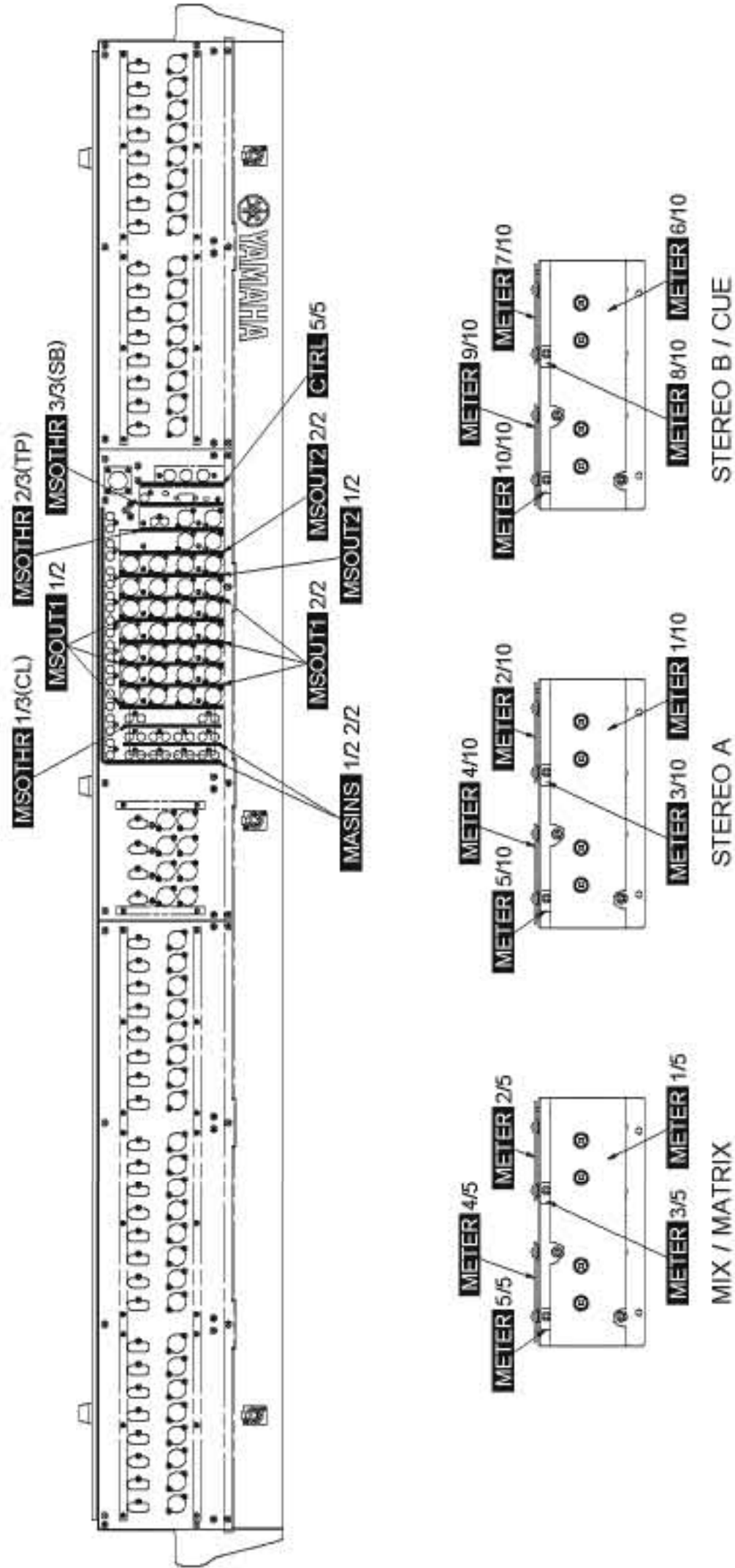
KEK-92546-3

M3000A

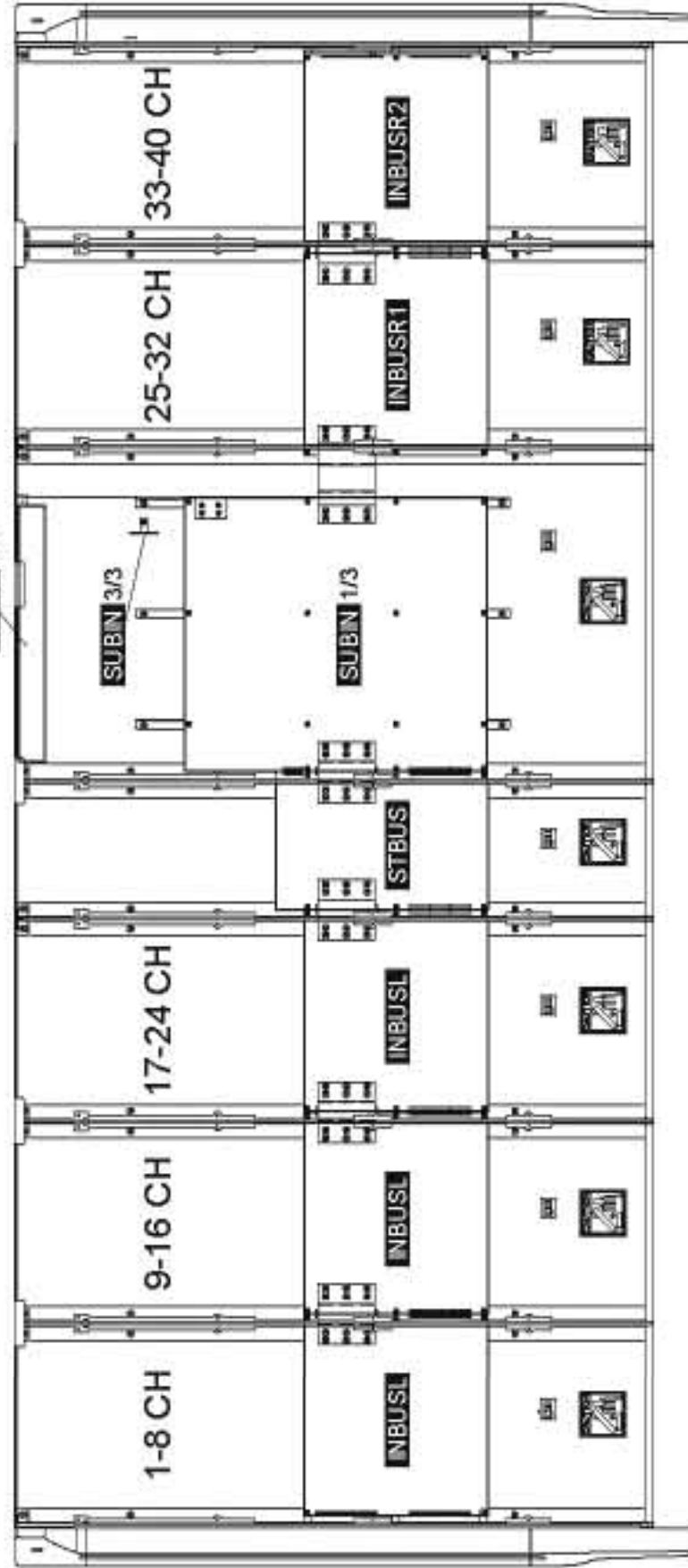
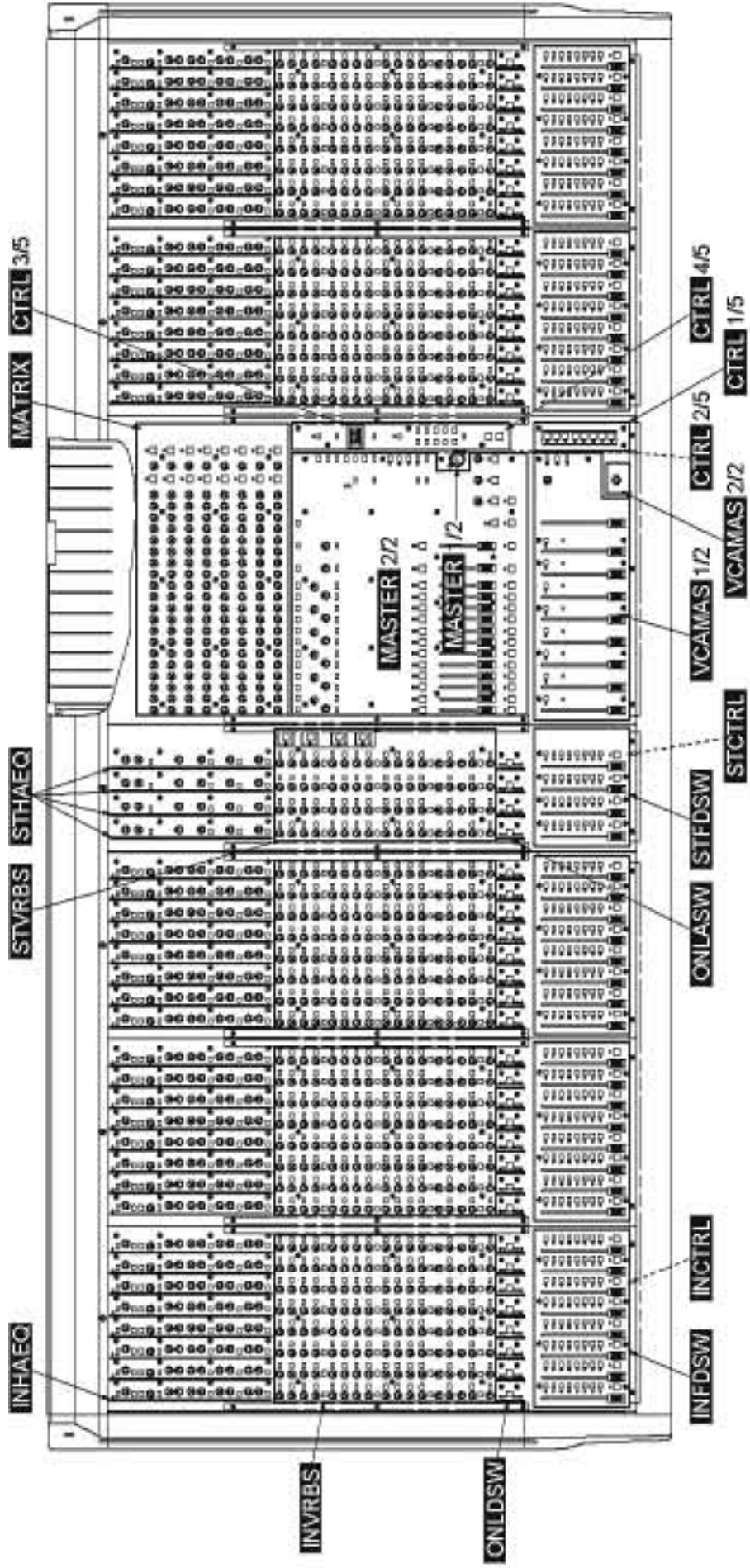




■ CIRCUIT BOARD LAYOUT



[M3000A-40C]



[M3000A-40C]

■ DISASSEMBLY PROCEDURE

A Assembly

1 Meter panel

- 1-1 Remove the screws marked [360], [370] and the two (2) screws marked [380]. The meter panel can then be removed. (Fig. 1)

The quantity of the screws marked [360] and [370] are:

- [360] : eight (8) on the M3000A-24
- : nine (9) on the M3000A-32
- : eleven (11) on the M3000A-40C
- : thirteen (13) on the M3000A-56C
- [370] : six (6) on the M3000A-24
- : seven (7) on the M3000A-32
- : eight (8) on the M3000A-40C
- : ten (10) on the M3000A-56C

2 MONO IN Assembly

- 2-1 Remove the meter panel. (See Procedure 1)
- 2-2 Remove the ten (10) screws marked [270a] and the six (6) screws marked [260a]. (Fig. 1)
- 2-3 Remove the connector after the control panel of the fader side has been lifted and secured. The MONO IN Assembly is pulled toward the front and removed.

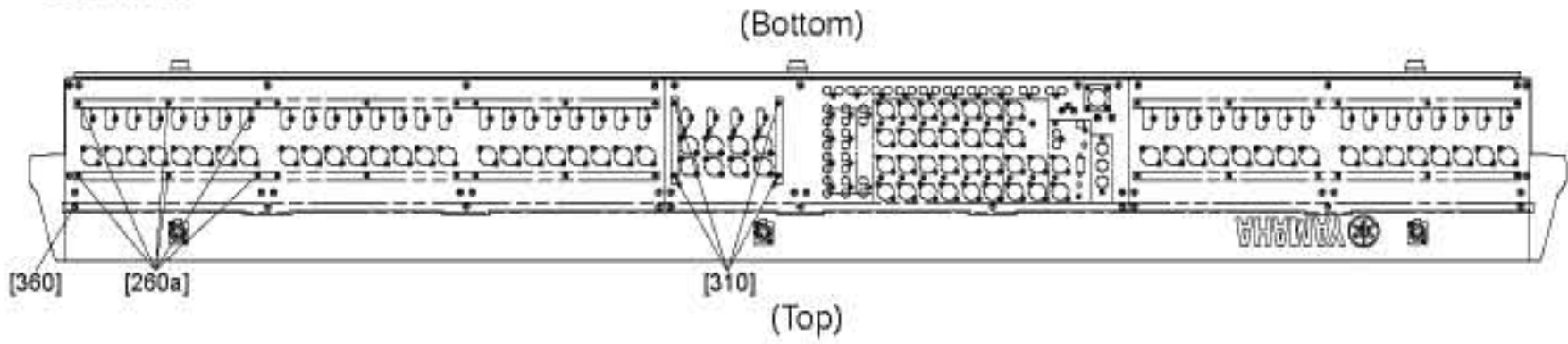
3 Stereo IN Assembly

- 3-1 Remove the meter panel. (See Procedure 1)
- 3-2 Remove the ten (10) screws marked [320] and the four (4) screws marked [310]. (Fig. 1)
- 3-3 Remove the connector after the control panel of the fader side has been lifted and secured. The stereo IN Assembly is pulled toward the front and removed.

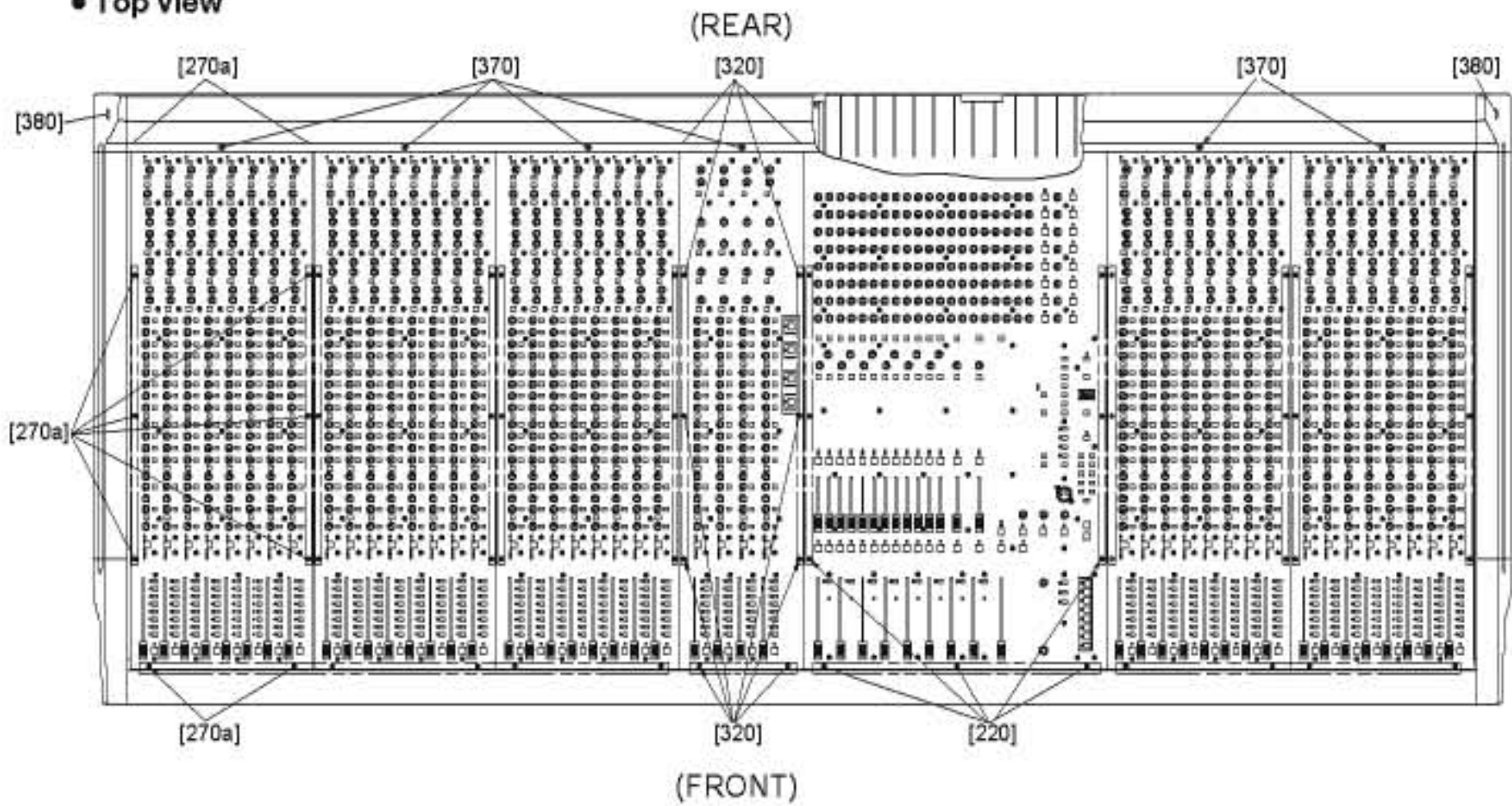
4 MASTER Assembly

- 4-1 Remove the meter panel. (See Procedure 1)
- 4-2 Remove the eleven (11) screws marked [220]. (Fig. 1)
- 4-3 Remove the connector after the control panel of the fader side has been lifted and secured. The MASTER Assembly is pulled toward the front and removed.

● Rear view



● Top view



- [220]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [260]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [270]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [310]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [320]: Flat Head Screw 3.0X6 MFZN2BL (VB939700)
- [360]: Bind Head Tapping Screw-B 4.0X8 MFZN2BL (EG340190)
- [370]: Bind Head Screw 4.0X8 MFZN2BL (EG340360)
- [380]: Bind Head Screw 4.0X25 MFZN2BL (VB923200)

Fig.1

B Circuit Board

1 Circuit Board in MONO IN Assembly (ONLDSW, INCTRL, INFDSW, INVRBS, INHAEQ)

- 1-1 Remove the meter panel. (See Procedure A1)
- 1-2 Remove the MONO IN Assembly. (See Procedure A2)
- 1-3 These circuit boards (ONLDSW, INHAEQ) can be removed by removing the screws listed below. (Fig. 1)
 ONLDSW : the two (2) screws marked [310]
 INHAEQ : the three (3) screws marked [220] and the four (4) screws marked [180].
- 1-4 After removing the ONLDSW circuit board by following the procedure 1-3, the INCTRL circuit board can be removed from the six (6) PCB supports marked [260]. (Fig. 2)
- 1-5 After removing the ONLDSW circuit board by following the procedure 1-3, remove the nine (9) screws marked [40] and a knob from the front panel. The INVRBS circuit board can then be removed from the nine (9) PCB supports marked [30]. (Fig. 2)
- 1-6 After removing the ONLDSW circuit board following the procedure 1-3 and the INCTRL circuit board following the procedure 1-4, remove the eight (8) screws marked [130] and the eight (8) fader knobs. The INFDSW circuit board can then be removed. (Fig. 2)

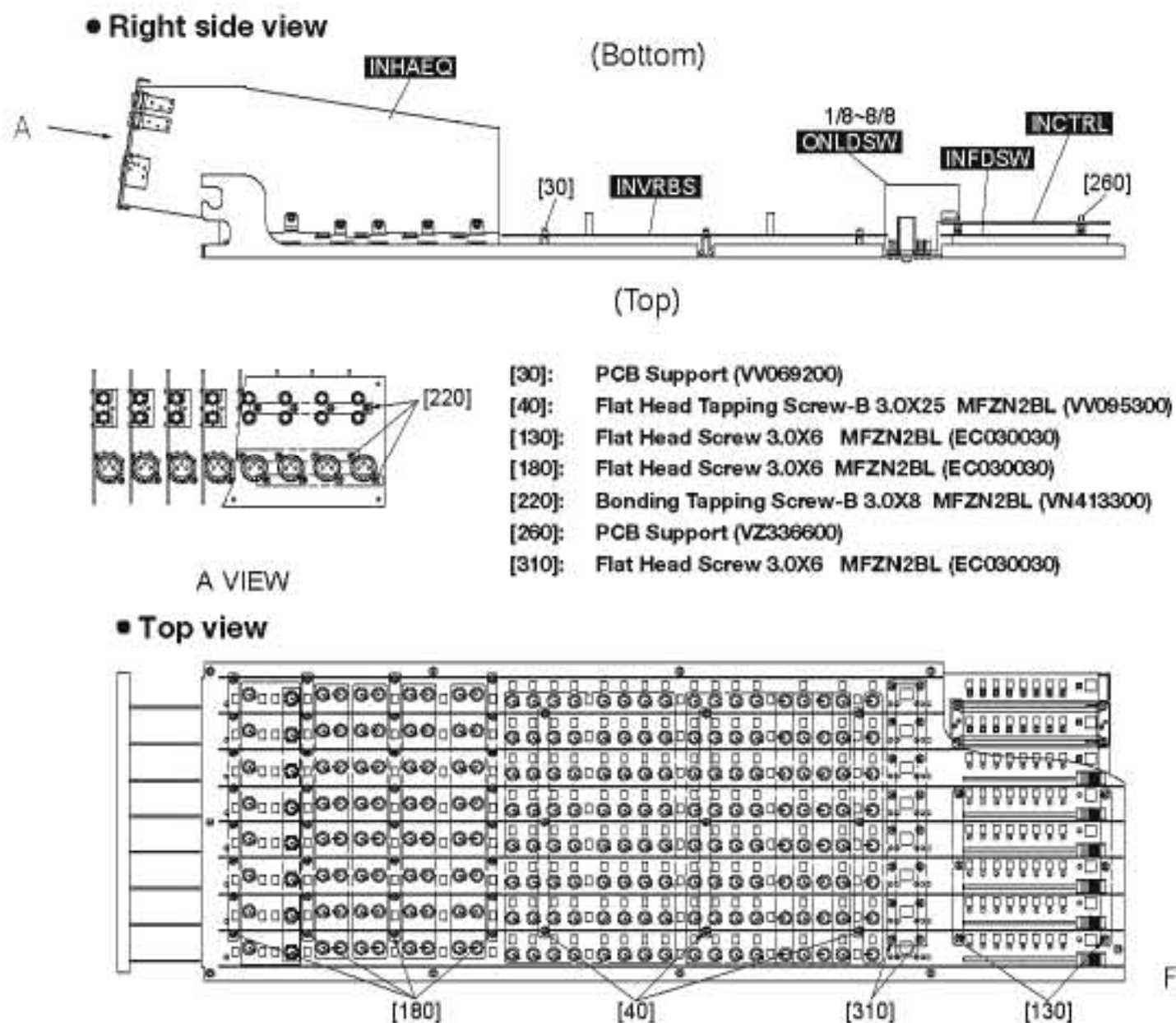
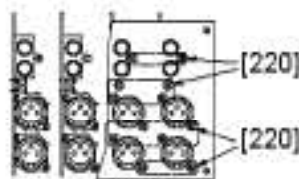
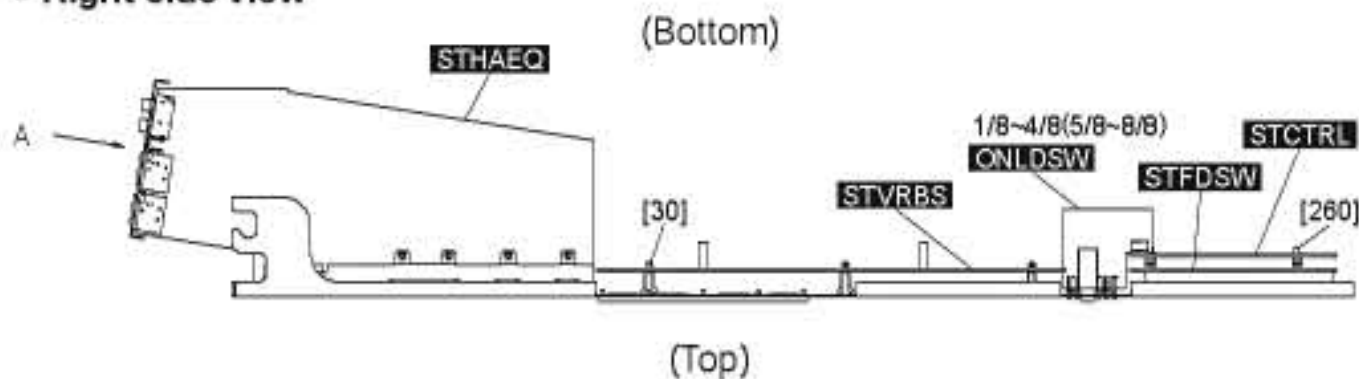


Fig.2

2 Circuit board in Stereo IN Assembly (ONLDSW, STCTRL, STFDSW, STVRBS, STHAEQ)

- 2-1 Remove the meter panel. (See Procedure A1)
- 2-2 Remove the Stereo IN Assembly. (See Procedure A3)
- 2-3 These circuit boards (ONLDSW, STHAEQ) can then be removed by removing the screws listed below. (Fig. 2)
 - ONLDSW : the two (2) screws marked [310]
 - STHAEQ : the six (6) screws marked [220] and the four (4) screws marked [180].
- 2-4 After removing the ONLDSW circuit board following the procedure 2-3, the STCTRL circuit board can be removed from the four (4) PCB supports marked [260]. (Fig. 3)
- 2-5 After removing the ONLDSW circuit board following the procedure 2-3, remove the six (6) screws marked [40] and a knob from the front panel. The STVRBS circuit board can then be removed from the six (6) PCB supports marked [30]. (Fig. 3)
- 2-6 After removing the ONLDSW circuit board following the procedure 2-3 and the STCTRL circuit board following the procedure 2-4, remove the six (6) screws marked [130] and fader knobs. The STFDSW circuit board can then be removed.

• Right side view



- [30]: PCB Support (VV069200)
- [40]: Flat Head Tapping Screw-B 3.0X25 MFZN2BL (VV095300)
- [130]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [180]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [220]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [310]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)

• Top view

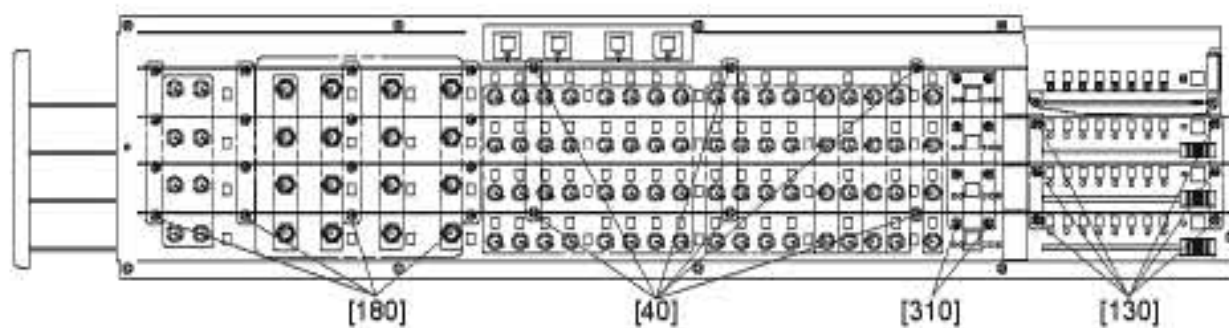
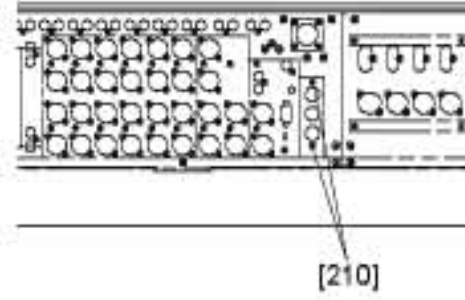


Fig.3

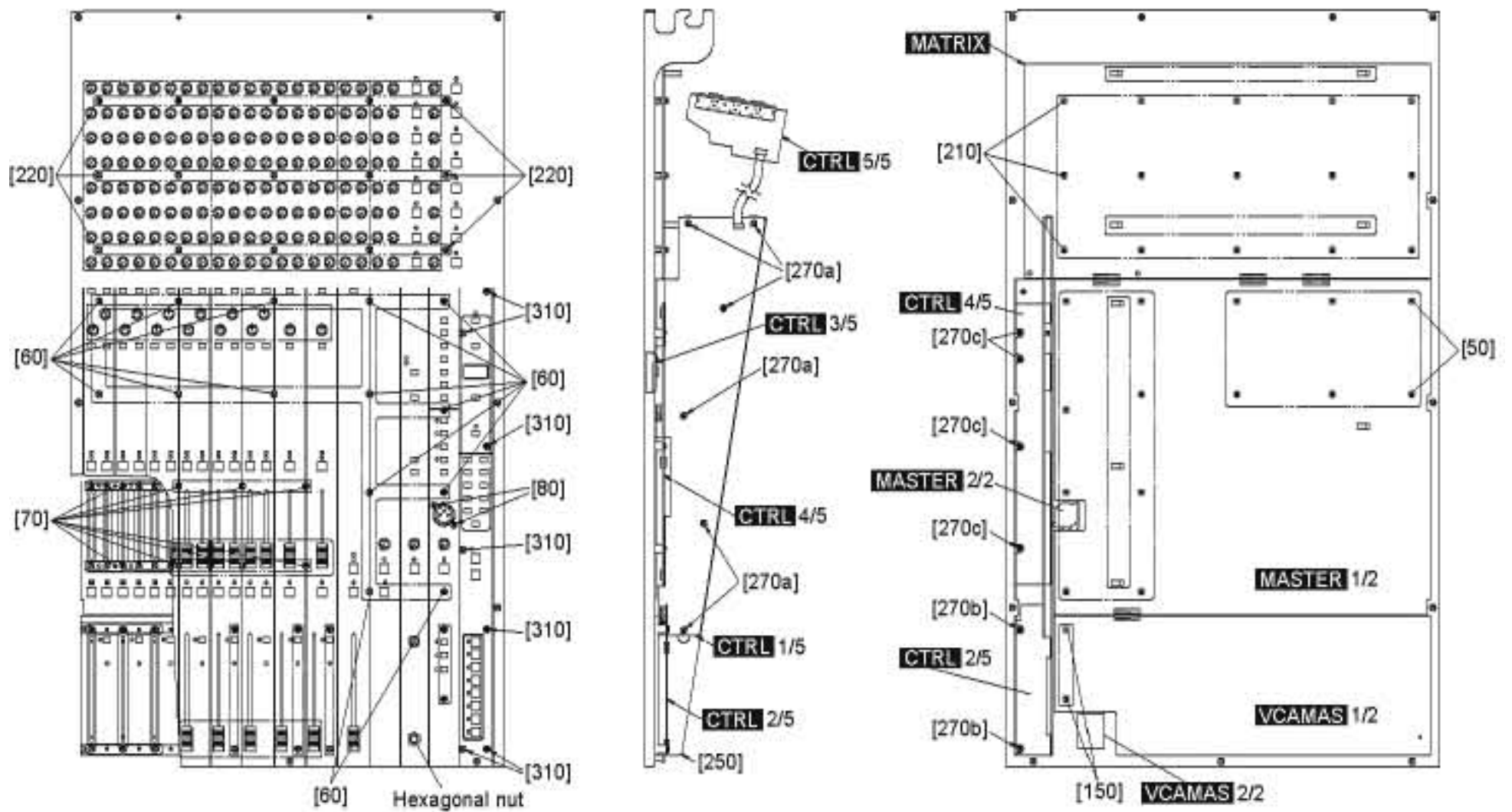
3 Circuit Board in MASTER Assembly (CTRL 1/5, CTRL 2/5, CTRL 3/5, CTRL 4/5, CTRL 5/5, VCAMAS 1/2, VCAMAS 2/2, MATRIX)

- 3-1 Remove the meter panel. (See Procedure A1)
- 3-2 Remove the MASTER Assembly. (See Procedure A4)
- 3-3 Remove the seven(7) screws marked [310].
The shield plate marked [250] can then be removed.
After removing the shield plate, these circuit boards (CTRL 1/5, CTRL 5/5, VCAMAS 1/2, VCAMAS2/2, MASTER 1/2, MASTER 2/2, MATRIX) can then be removed by removing the screws listed below. (Fig. 4)
- CTRL 1/5 : the six (6) screws marked [270a],
the shield plate marked [250] and
the seven (7) screws marked [310]
- CTRL 5/5 : the two (2) screws marked [210]
- VCAMAS 1/2 : the twelve(12) screws marked [130],
the PCB support marked [150] and
the fader knobs
- VCAMAS 2/2 : the Hexagonal nut
- MASTER 1/2 : the fourteen (14) screws marked
[60], the eight (8) screws marked
[70], the fader knobs, the VR knobs,
then remove it from the PCB
supports marked [50].
- MASTER 2/2 : the two (2) screws marked [80]
- MATRIX : the fifteen (15) screws marked [220]
and the VR knobs, then remove it
from the PCB supports marked [210].
- 3-4 After removing the CTRL 1/5 circuit board by
following procedures 3-3, the CTRL 2/5 circuit board
and the CTRL 4/5 circuit board can then be removed
by following the manner below, or by removing the
screws listed below. (Fig. 4)
- CTRL 2/5 : the two (2) screws marked [270b]
- CTRL 4/5 : the four (4) screws marked [270c]
- 3-5 After removing the CTRL 4/5 circuit board by
following procedures 3-3 and 3-4 , the CTRL 3/5
circuit board can then be removed.(Fig.4)

• Rear view



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



- [50]: PCB Support (VV069200)
- [60]: Flat Head Tapping Screw-B 3.0X25 MFZN2BL (VV095300)
- [70]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [80]: Bonding Tapping Screw-B 3.0X6 MFZN2BL (VN413300)
- [130]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)
- [150]: PCB Support (VV069200)
- [160]: Flat Head Tapping Screw-B 3.0X25 MFZN2BL (VV095300)
- [210]: PCB Support (VV069200)
- [220]: Flat Head Tapping Screw-B 3.0X25 MFZN2BL (VV095300)
- [270]: Bind Head Tapping Screw-B 3.0X8 MFZN2BL (EP600190)
- [310]: Flat Head Screw 3.0X6 MFZN2BL (EC030030)

Fig.4

4 MSOUT 1, 2

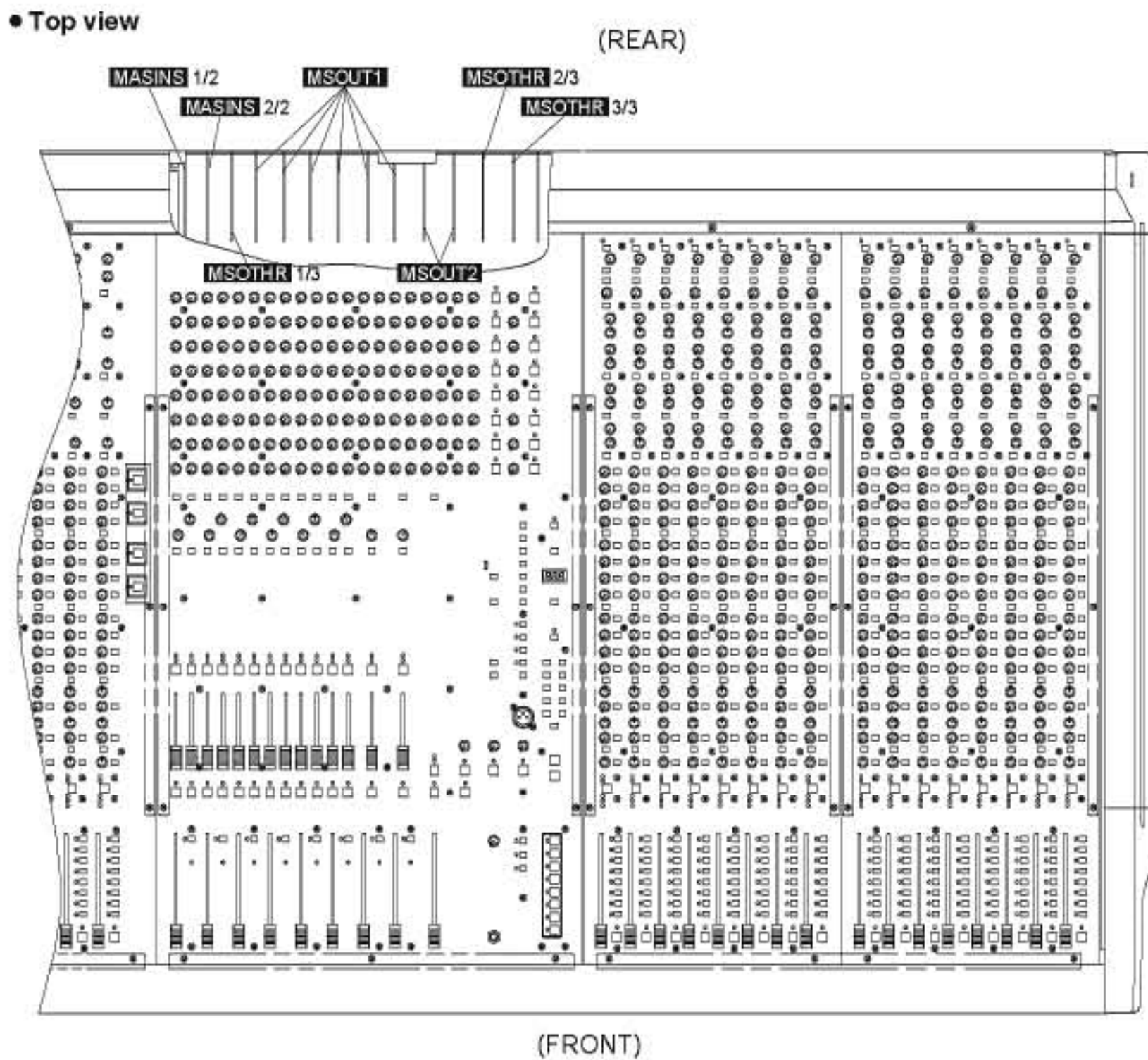
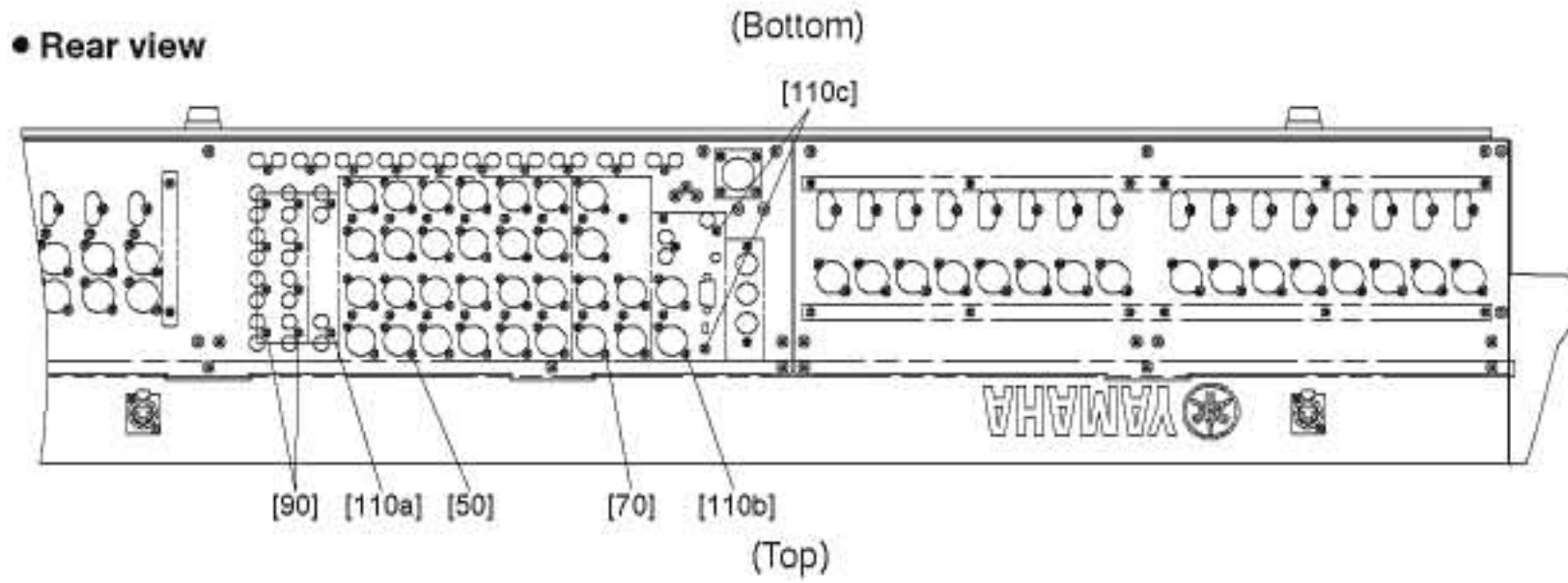
- 4-1 Remove the meter panel. (See Procedure A1)
- 4-2 Remove the MASTER Assembly. (See Procedure A4)
- 4-3 Remove the ten (10) screws marked [50]. The MSOUT1 circuit board can then be removed. (Fig. 5)
- 4-4 Remove the ten (10) screws marked [70]. The MSOUT2 circuit board can then be removed. (Fig. 5)

5 MASINS 1/2, 2/2

- 5-1 Remove the meter panel. (See Procedure A1)
- 5-2 Remove the MASTER Assembly. (See Procedure A4)
- 5-3 Remove the four (4) screws marked [90]. The MSINS circuit board can then be removed. (Fig. 5)

6 MSOTHR 1/3 (CL), 2/3 (TP), 3/3 (SB)

- 6-1 Remove the meter panel. (See Procedure A1)
- 6-2 Remove the MASTER Assembly. (See Procedure A4)
- 6-3 Remove the two (2) screws marked [110a]. The MSOTHR 1/3 (CL) circuit board can then be removed. (Fig. 5)
- 6-4 Remove the seven (7) screws marked [110b]. The MSOTHR 2/3 (TP) circuit board can then be removed (Fig.5)
- 6-5 Remove the two (2) screws marked [110c]. The MSOTHR 3/3 (TP) circuit board can then be removed. (Fig.5)



- [50]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [70]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [90]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [110]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)

Fig.5

7 SUBIN 1/3, 2/3, 3/3

- 7-1 Remove the meter panel. (See Procedure A1)
- 7-2 Remove the MASTER Assembly. (See Procedure A4)
- 7-3 Remove the four (4) screws marked [710], the six (6) screws marked [730a], the six (6) screws marked [800a] and the fifteen (15) screws marked [530a]. The SUBIN 1/3 circuit board can then be removed. (Fig. 6)
- 7-4 Remove the ten (10) screws marked [540]. The SUBIN 2/3 circuit board can then be removed. (Fig. 6)
- 7-5 Remove the screw marked [530b]. The SUBIN 3/3 circuit board can then be removed. (Fig. 6)

8 INBUSL

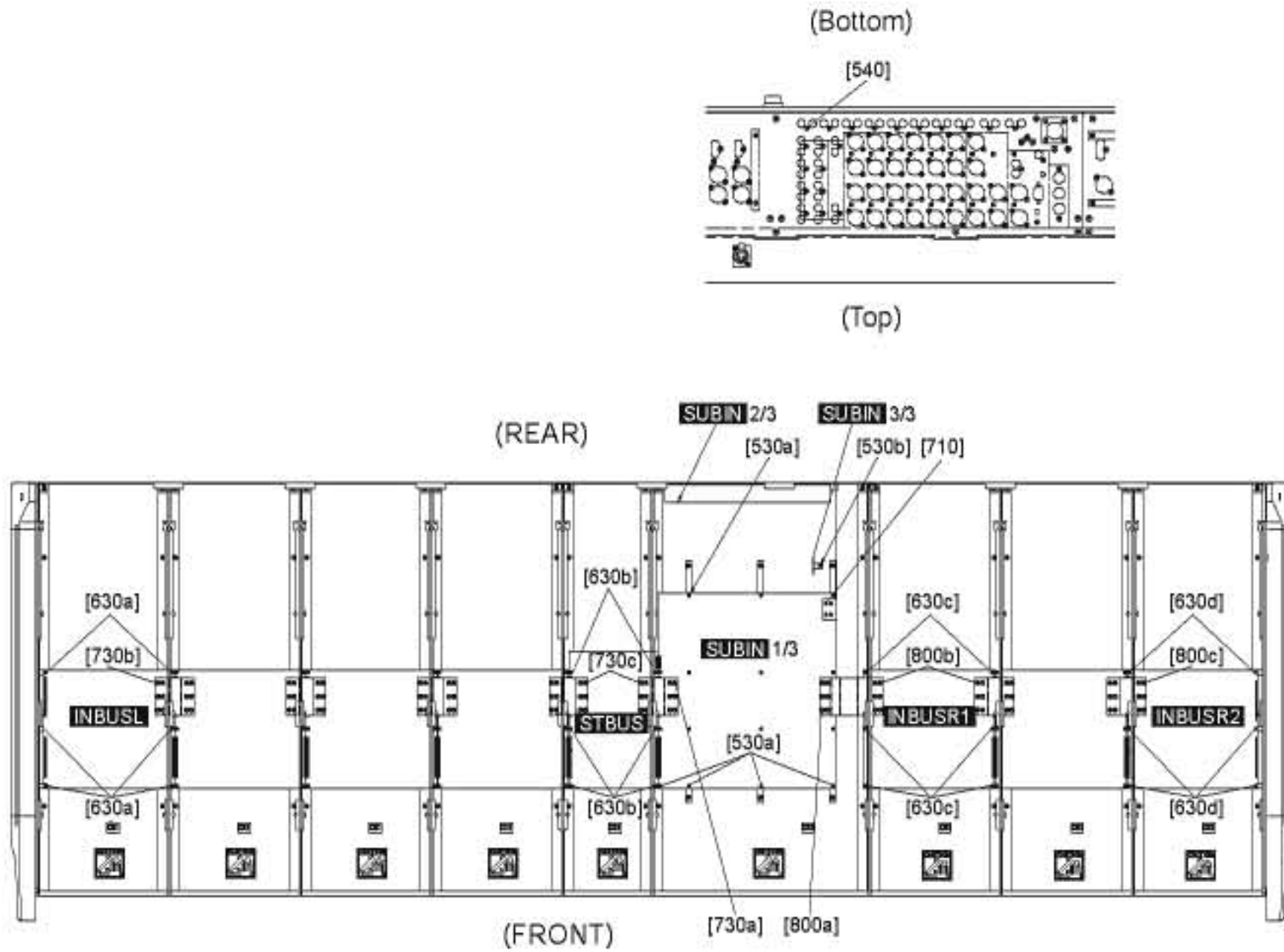
- 8-1 Remove the meter panel. (See Procedure A1)
- 8-2 Remove the MONO IN Assembly. (See Procedure A2)
- 8-3 Remove the six (6) screws marked [730b] and the six (6) screws marked [630a]. The INBUSL circuit board can then be removed. (Fig. 6)

9 STBUS

- 9-1 Remove the meter panel. (See Procedure A1)
- 9-2 Remove the Stereo IN Assembly. (See Procedure A3)
- 9-3 Remove the twelve (12) screws marked [730c] and the six (6) screws marked [630b]. The STBUS circuit board can then be removed. (Fig. 6)

10 INBUSR1, 2 (only 40CH, 56CH)

- 10-1 Remove the meter panel. (See Procedure A1)
- 10-2 Remove the MONO IN Assembly. (See Procedure A2)
- 10-3 Remove the twelve (12) screws marked [800b] and the six (6) screws marked [630c]. The INBUSR1 circuit board can then be removed. (Fig. 6)
- 10-4 Remove the six (6) screws marked [800c] and the six (6) screws marked [630d]. The INBUSR2 circuit board can then be removed. (Fig. 6)



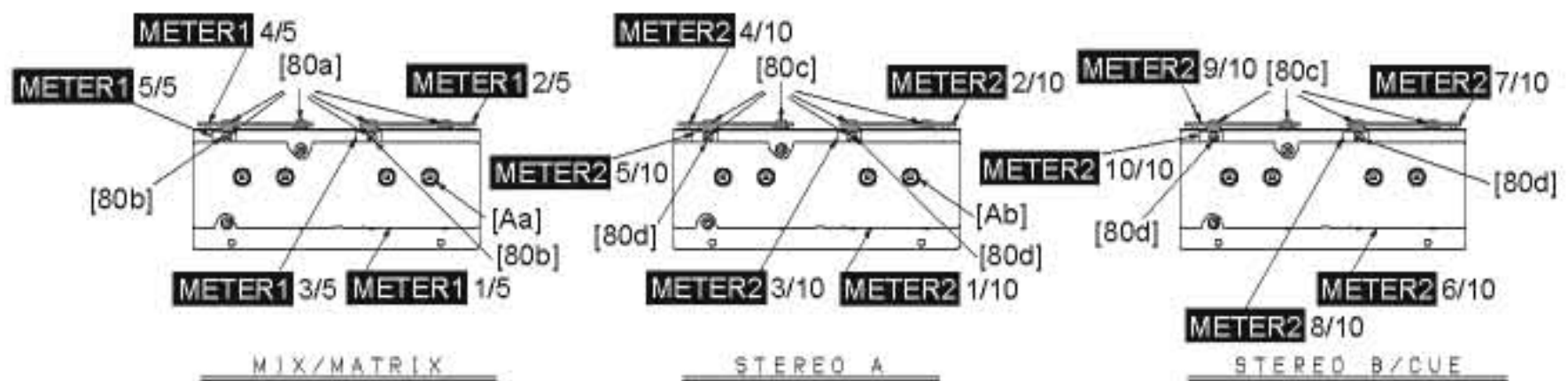
[M3000A-56]

- [530]: Bind Head Tapping Screw-B 3.0X8 MFZN2BL (EP600190)
- [540]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [630]: Bind Head Tapping Screw-B 3.0X8 MFZN2BL (EP600190)
- [710]: Bind Head Screw 4.0X8 MFZN2BL (EG340360)
- [730]: Bind Head Screw 4.0X8 MFZN2BL (EG340360)
- [800]: Bind Head Screw 4.0X8 MFZN2BL (EG340360)

Fig.6

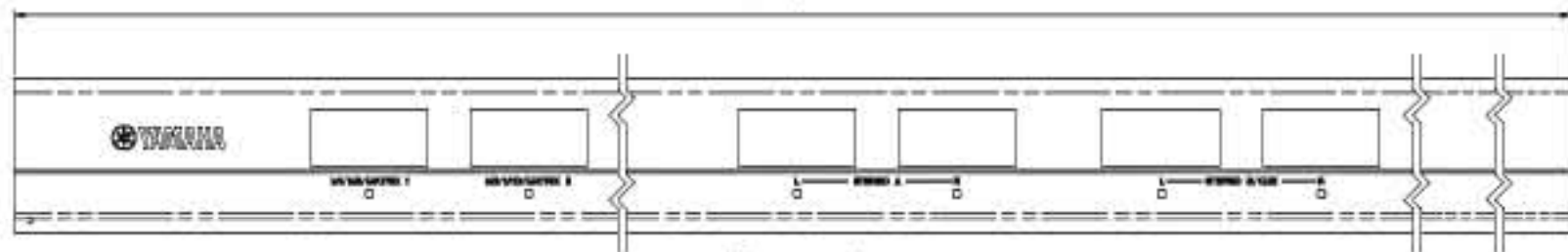
11 Meter 1, 2

- 11-1 Remove the meter panel. (See Procedure A1)
- 11-2 Remove the four (4) screws marked [90]. The meter can then be removed. (Fig. 7)
- 11-3 Remove the four (4) screws marked [Aa]. The meter 1 1/5 circuit board can then be removed. (Fig. 7)
- 11-4 Remove the two (2) screws marked [80a]. The Meter 1 2/5 and 4/5 circuit board can then be removed. (Fig. 7)
- 11-5 Remove the screw marked [80b]. The Meter 1 3/5 and 5/5 circuit board can then be removed. (Fig. 7)
- 11-6 Remove the four (4) screws marked [Ab]. The meter 2 1/10 and 6/10 circuit boards can then be removed. (Fig. 7)
- 11-7 Remove the two (2) screws marked [80c]. The Meter 2 2/10, 4/10, 7/10 and 9/10 circuit board can then be removed. (Fig. 7)
- 11-8 Remove the screw marked [80d]. The Meter 2 3/10, 5/10, 8/10 and 10/10 circuit boards can then be removed. (Fig. 7)



● **Front view**

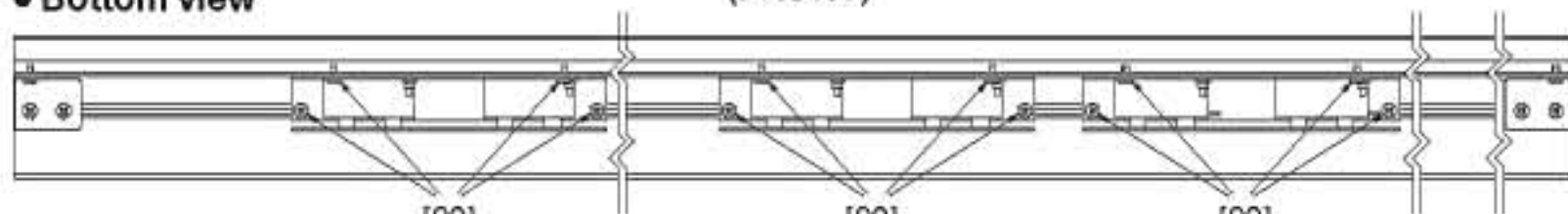
(Top)



(Bottom)

● **Bottom view**

(FRONT)



(REAR)

- [80]: Bind Head Tapping Screw-B 3.0X8 MFZN2BL (EP600190)
- [90]: Bind Head Tapping Screw-B 4.0X8 MFZN2BL (EG340190)
- [A]: M4X6 Meter's Accessory

Fig.7

LSI PIN DESCRIPTION

● HD6435208A00P (XK278A00) CPU <H8/520>

CTRL: IC103

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	EXT	I	Clock	33	A7	O	Address bus
2	EXTAL	I		34	A8	O	
3	/WAIT	I	Bus cycle wait	35	A9	O	
4	/IRQ0	O	Interrupt request	36	A10	O	
5	A18	O	Address bus	37	A11	O	
6	A17	O					
7	A16	O					
8	/AS	O	Address strobe	38	A12	O	Address bus
9	/RD	O	Read strobe	39	A13	O	
10	/WR	O	Write strobe	40	A14	O	
11	VCC		Power supply	41	A15	O	Analog power supply
12	MD0	I	Mode select	42	AVCC		
13	MD1	I					
14	MD2	I					
15	/RES	I	Reset	43	P50	O	Port 5
16	NMI	I	Non-maskable interrupt request	44	P51	O	
17	VSS		Ground	45	P52	O	
18	D0	I/O	Data bus	46	P53	O	
19	D1	I/O					
20	D2	I/O					
21	D3	I/O					
22	D4	I/O					
23	D5	I/O					
24	D6	I/O					
25	D7	I/O					
26	A0	O	Address bus	47	P54	O	
27	A1	O					
28	A2	O					
29	A3	O					
30	A4	O					
31	A5	O					
32	A6	O					
				48	P55	O	Ground
				49	P56	O	
				50	P57	O	Analog ground
				51	VSS		
				52	AVSS		Analog data input
				53	AN0	I	
				54	AN1	I	
				55	AN2	I	Analog power supply
				56	AN3	I	
				57	AVCC		Transmit data
				58	TXD2	O	
				59	RXD2	I	Receive data
				60	A19	O	
				61	TXD1	O	Transmit data
				62	RXD1	I	
				63	SCLK	I	Clock for serial operation
				64	VSS		
							Ground

● AK4320-VM-E1 (XR361A00) DAC

CTRL: IC106

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	CKS	I	Clock select	13	DEM1	I	De-emphasis mode
2	DVDD		Digital VDD	14	DIF0	I	Input format
3	DVSS		Digital GND	15	DIF1	I	
4	XTO	O	Xtal out	16	VCNT	I	Mute Control
5	XTI	I	Xtal in	17	AOUTR	O	Analog output R
6	/PD	I	Power down	18	AOUTL	O	Analog output L
7	BICK	I	Serial bit clock	19	VCOM	O	Common
8	SDATA	I	Serial data input	20	AVDD		Analog VDD
9	LRCK	I	L/R clock	21	AVSS		Analog VSS
10	SMUTE	I	Soft mute	22	VREF	I	V reference
11	HOLD	I	Soft mute hold	23	DZF	O	Zero input
12	DEM0	I	De-emphasis mode	24	ZMUTE	I	Zero mute

● YSP99 LZ95XD59 (XM047A00) Gate Array

CTRL: IC104

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	NC			41	A9		CPU address bus
2	MCLK	O	Master clock	42	A8		
3	DESYN	O	Sync for DEQIC	43	CD2		CARD page select
4	CD04		Control data input	44	CD1		
5	CD03			45	CDROM		CARD/ROM select
6	CD02			46	ROM4		ROM page control
7	CD01			47	ROM3		
8	CDI4	O	Control data output (DSP2)	48	ROM2		
9	CDI3	O	Control data output (MOD)	49	ROM1		Dividing select
10	CDI2	O	Control data output (DEQ IC17)	50	YY2		
11	CDI1	O	Control data output (DEQ IC19)	51	YY1		
12	+Vdd			52	GND		Control data select
13	GND			53	+Vdd		
14	L4	O	LED scan pulse	54	SEL2		
15	L3	O		55	SEL1		
16	L2	O		56	XX2		LED scan data
17	L1	O		57	XX1		
18	LCD	O	LCD enable	58	MDCK	O	MIDI clock
19	KEYN	O	KEY enable	59	TRG0	O	Trigger out
20	LED	O	LED enable	60	E		Read write pulse
21	CDA14	O	CARD address	61	RWN		
22	CDA13	O		62	ICN		Initial clear
23	CARDN	O	CARD enable	63	ACIA	O	ACIA enable
24	GND			64	GND		DSP control data input
25	RAWN	O	RAM write enable	65	TXD	I	
26	RAON	O	RAM read enable	66	RXD	O	Transfer clock
27	RMA16	O	ROM address back select	67	XCLK	O	Word clock
28	RMA15	O		68	WCLK	O	Serial data transfer clock 64fs
29	RMA14	O		69	SCLK	O	NC
30	RMA13	O		70	FSYNC	O	NC
31	+Vdd			71	ADLR	O	
32	GND			72	GND		Serial data sift clock
33	ROMN	O	ROM read enable	73	+Vdd		
34	A15		CPU address bus	74	SCLKN	O	256fs clock
35	A14			75	DCLK	O	Clock input(Xtal)
36	A13			76	XI	I	Clock output(Xtal)
37	A12			77	XO	O	
38	A11			78	GND		Trigger input
39	A10			79	TRIG	I	
40	NC			80	SYNCN	O	

● YSS228E-F (XQ962D00) DSP3 (Digital Signal Processor)

CTRL: IC105

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION	
1	VSS		Ground	81	VSS	I/O	Ground	
2	XI	I	System master clock input (60 M or 30 MHz)	82	DB13	I/O	Parallel data bus	
3	XO	I	System master clock input (60 M or 30 MHz)	83	DB14	I/O		
4	VDD		Power supply	84	DB15	I/O		
5	/SYNCl	I	System synch. input	85	DB16	I/O		
6	/SYNCO	O	System synch. output	86	DB17	I/O		
7	CKI	I	System clock input (30 MHz)	87	DB18	I/O		
8	CKO	O	System clock output (30 MHz)	88	DB19	I/O		
9	CKSL	I	System master clock select (0:60 M, 1:30 MHz)	89	DB20	I/O		
10	VSS		Ground	90	DB21	I/O		
11	MCKS	I	Master clock for serial I/O(128 xFs)	91	DB22	I/O		
12	/SSYNCl	I	Synch. signal for serial I/O	92	DB23	I/O		
13	/IC	I	Initial clear	93	DB24	I/O		
14	/TEST	I	Test mode setting	94	DB25	I/O		
15	BTYP	I	CPU data bus 8/16 bit select(0:8, 1:16)	95	DB26	I/O		
16	/IRQ	O	Interrupt request	96	DB27	I/O		
17	TRIG	I/O	Trigger signal	97	DB28	I/O		
18	VDD		Power supply	98	DB29	I/O		
19	VSS		Ground	99	DB30	I/O		
20	/CS	I	Chip select	100	DB31	I/O		
21	/DS	I	Data strobe	101	TIMO/DBOE	I/O	Timing signal/Parallel data bus control	
22	R/W	I	Read/Write select	102	VSS		Ground	
23	CA7	I	CPU address bus	103	VDD		Power supply	
24	CA6	I						
25	CA5	I						
26	CA4	I						
27	CA3	I						
28	CA2	I	CPU address/data bus	104	DA00	I/O	External memory data bus	
29	CA1	I						
30	CA0/CD15	I/O		105	DA01	I/O		
31	CD14	I/O	CPU data bus	106	DA02	I/O		
32	CD13	I/O						
33	CD12	I/O						
34	CD11	I/O						
35	CD10	I/O						
36	CD09	I/O						
37	CD08	I/O						
38	CD07	I/O	Ground	107	DA03	I/O		
39	CD06	I/O		Power supply	108	DA04	I/O	
40	VSS		CPU data bus		109	DA05	I/O	
41	VDD							
42	CD05	I/O						
43	CD04	I/O						
44	CD03	I/O						
45	CD02	I/O						
46	CD01	I/O		Ground	110	DA06	I/O	
47	CD00	I/O	Power supply		111	DA07	I/O	
48	/DTACK	O		DTACK signal output	112	DA08	I/O	
49	SI0	I	Serial data input	113	DA09	I/O		
50	SI1	I						
51	SI2	I						
52	SI3	I						
53	SI4	I						
54	SI5	I						
55	SI6	I		Ground	114	DA10	I/O	
56	SI7	I	Power supply		115	DA11	I/O	
57	VSS							
58	VDD							
59	SO0	O			Serial data output	116	DA12	I/O
60	SO1	O						
61	SO2	O						
62	SO3	O						
63	SO4	O						
64	SO5	O						
65	SO6	O	External memory data bus	117		DA13	I/O	
66	SO7	O						
67	DB00	I/O		External memory address bus	118	DA14	I/O	
68	DB01	I/O						
69	DB02	I/O						
70	DB03	I/O						
71	DB04	I/O						
72	DB05	I/O						
73	DB06	I/O						
74	DB07	I/O						
75	DB08	I/O						
76	DB09	I/O						
77	DB10	I/O						
78	DB11	I/O						
79	DB12	I/O						
80	VDD		Power supply		119	DA15	I/O	
				120	VSS		Ground	
				121	VDD		Power supply	
				122	DA16	I/O	External memory data bus	
				123	DA17	I/O		
				124	DA18	I/O		
				125	DA19	I/O		
				126	DA20	I/O		
				127	DA21	I/O		
				128	DA22	I/O		
				129	DA23	I/O		
				130	DA24	I/O		
				131	DA25	I/O		
				132	DA26	I/O		
				133	DA27	I/O		
				134	DA28	I/O		
				135	DA29	I/O		
				136	DA30	I/O		
				137	DA31	I/O		
				138	VDD		Power supply	
				139	VSS		Ground	
				140	A00	O	External memory address bus	
				141	A01	O		
				142	A02	O		
				143	A03	O		
				144	A04	O		
				145	A05	O		
				146	A06	O		
				147	A07	O		
				148	A08	O		
				149	A09	O		
				150	A10	O		
				151	A11	O		
				152	A12	O		
				153	A13	O		
				154	A14	O		
				155	A15/RAS	O	External memory address bus/Row address strobe	
				156	A16/CAS	O	External memory address bus/Column address strobe	
				157	A17/CE	O	External memory address bus/Chip enable	
				158	/WE	O	External memory write enable	
				159	/OE	O	External memory output enable	
				160	VDD		Power supply	

● LZ95300 (XP451A00) Gate Array

STCTRL: IC101

FIN NO.	NAME	I/O	FUNCTION	FIN NO.	NAME	I/O	FUNCTION
1	INC	O	INPUT CUE ON/OFF	15	/CSW	I	CUE switch input
2	CPR	O	VCA CUE PRE PAN ON/OFF	16	VCA8	I	VCA GROUP switch input
3	CPST	O	VCA CUE POST PAN ON/OFF	17	VCA7	I	
4	COFF	O	All CUE OFF	18	VCA6	I	
5	CPU	I	H: CPU mode, L: Local mode	19	VCA5	I	
6	C0	I	CPU address bus	20	VCA4	I	
7	C1	I					
8	C2	I					
9	C3	I					
10	/RES	I	Reset	21	VCA3	I	SOLO SAFE switch input
11	DATA	I/O	Data input/output	22	VCA2	I	
12	IRQ	O	When /ONSW and /CSW change; H. When CPU reads data; L.	23	VCA1	I	CHECK LED ON/OFF
13	/CS	I	Chip select	24	/SLSF	I	ON switch input
14	GND	I	Digital ground	25	/CHK	I	ON relay & LED ON/OFF
				26	/ONSW	I	
				27	/ONRY	O	
				28	VDD		

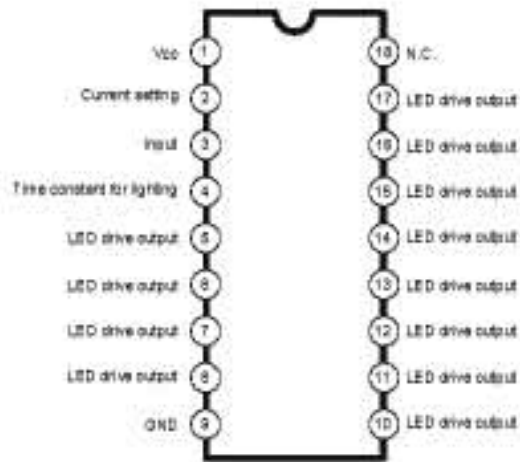
● Function of DATA

C3	C2	C1	C0	R/W	MODE	FUNCTION	DATA	
							0	1
0	0	0	0	W	ON RELAY SET	Sets /ONRY	OFF	ON
0	0	0	1	R	ON SW READ	Reads /ONSW	OFF	ON
0	0	1	0	W	CUE RELAY SET	Sets INC ON	OFF	ON
0	0	1	1	R	CUE SW READ	Reads /CSW	OFF	ON
0	1	0	0	W	CHECK LED SET	Sets /CHK	OFF	ON
0	1	0	1	W	VCA PRE/POST SET	Sets CVCA CUE PRE/POST PAN	POST	PRE
0	1	1	0	W	SOLO SET	Sets SOLO When SOLO is set, CUE or SOLO SAFE is not ON, /ONRY is set to OFF.	OFF	SOLO
0	1	1	1	W	VCA1 CUE SET	Sets VCA1 CUE	OFF	ON
1	0	0	0	W	VCA1 CUE SET	Sets VCA1 CUE	OFF	ON
1	0	0	1	W	VCA2 CUE SET	Sets VCA2 CUE	OFF	ON
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
1	1	1	1	W	VCA8 CUE SET	Sets VCA8 CUE	OFF	ON

IC BLOCK DIAGRAM

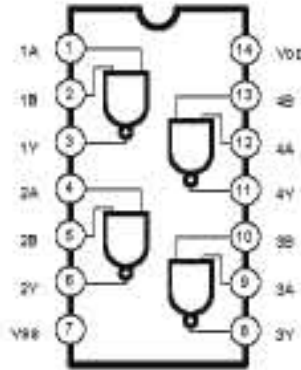
● **BA682A(XS046A00)**

ONLDSW: IC101
LED DRIVER



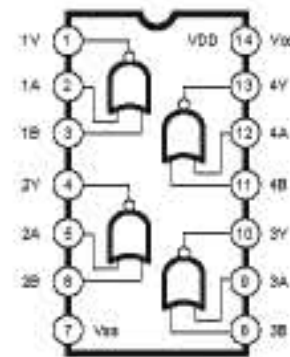
● **SN74HC00NCR(XE165A00)**

CTRL: IC111
NAND



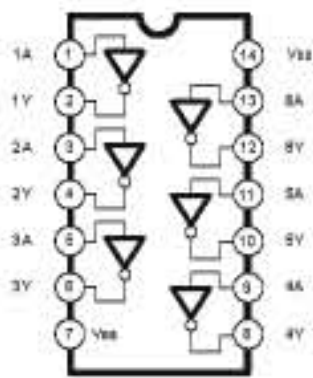
● **SN74HC02AP(IR000200)**

INCTRL: IC102, 502
MASTER: IC201, 231, 601, 731
STCTRL: IC103
NOR



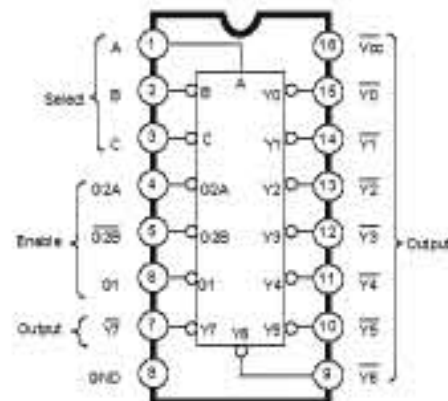
● **SN74HC04NSR(XD830A00)**

CTRL: IC109
INVERTER



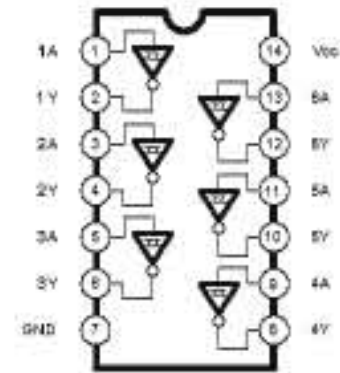
● **SN74HC138NSR(XD835A00)**

CTRL: IC124
DECODER



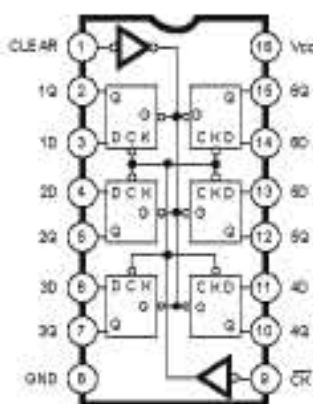
● **SN74HC14NSR(XC725A00)**

CTRL: IC110, 302
INVERTER



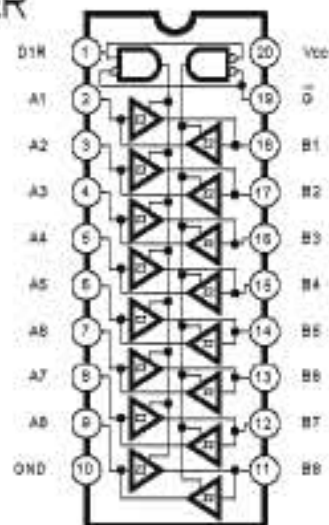
● **SN74HC174NSR(XD836A00)**

CTRL: IC123
D-FF



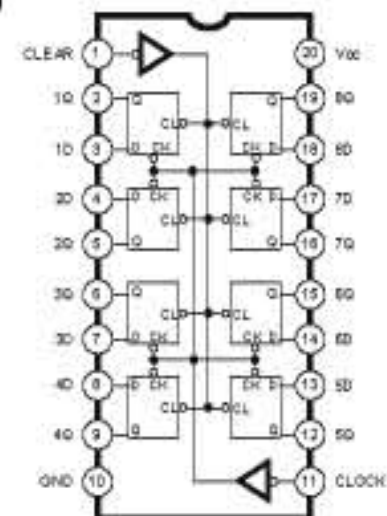
● **SN74HC245NSR(XD838A00)**

CTRL: IC121, 125, 131
BUFFER



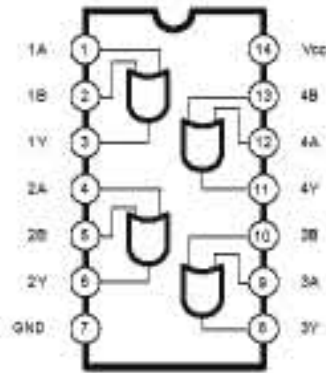
● **SN74HC273NSR(XH223A00)**

CTRL: IC132
D-FF



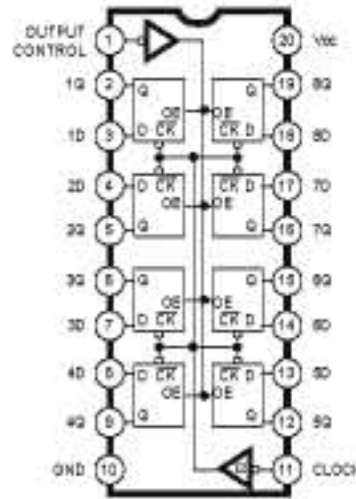
● **SN74HC32NSR**(XD833A00)

CTRL: IC112
OR



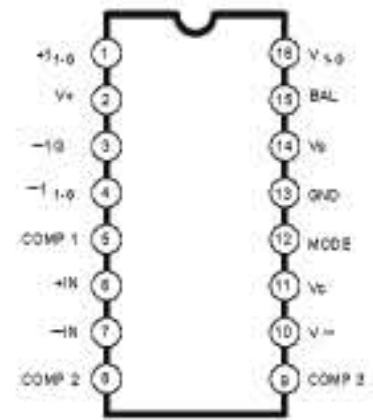
● **SN74HC374ANSR** (XQ042A00)

CTRL: IC122
D-FF



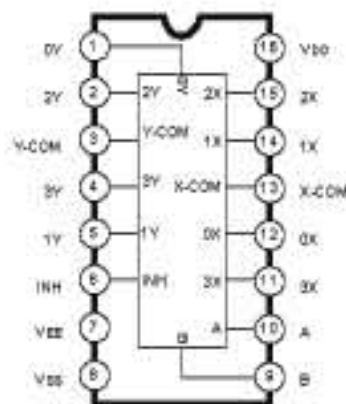
● **SSM2018TP**(XU119A00)

INHAEQ: IC109
STHAEQ: IC108, IC208
NOR



● **TC4052BP**(XA053A00)

METER1: IC101
METER2: IC101
MULTIPLEXER



● **NJM2068-D**(XM356A00)

INHAEQ: IC102~107
MASTER: IC361~363, 461, 561, 901
MATRIX: IC101, 201, 301, 401, 501, 601, 701, 801
MSOTHR: IC101, 102
STHAEQ: IC101~107, 201, 203~207
SUBIN: IC101, 102, 131, 161, 201, 231, 261, 301, 302, 331, 361, 401, 431, 501, 502, 531, 601, 631, 701, 702, 731, 801, 831,

● **NJM2082M(T1)**(XN797A00)

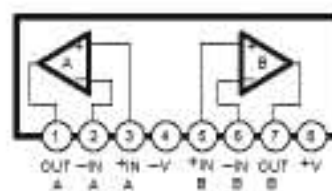
CTRL: IC108

● **NJM4558L-D**(XQ212A00)

INFDSW: IC101, 301, 501, 701
STCTRL: IC102, 302
STFDSW: IC101, 301

● **NJM4558L**(XM922A00)

METER1: IC102, 103
METER2: IC102, 103
VCAMAS: IC102, 202, 302, 402, 502, 602, 702, 802
OP AMP



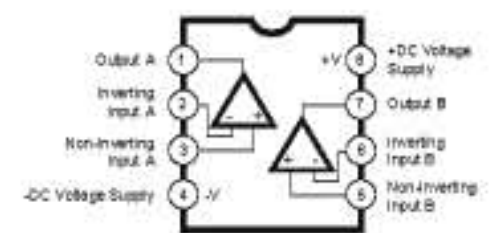
● **NJM4556AL**(XP844A00)

VCAMAS: IC351

● **NJM4580L**(XF195A00)

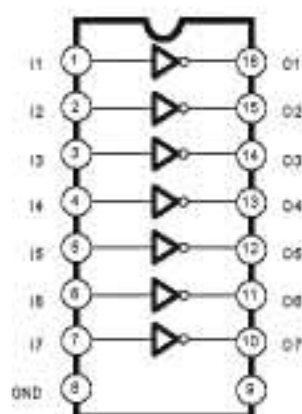
INHAEQ: IC101, 108
MASTER: IC102, 132, 332, 502, 532, 702, 732
MSOTHR: IC201
MSOUT: IC101, 201, 301, 401
STHAEQ: IC109, 110, 209, 210
VCAMAS: IC101, 151, 201, 301, 401, 501, 601, 701, 801, 901

OP AMP



● **TD62503F**(XJ467A00)

CTRL: IC133, 134
DRIVER



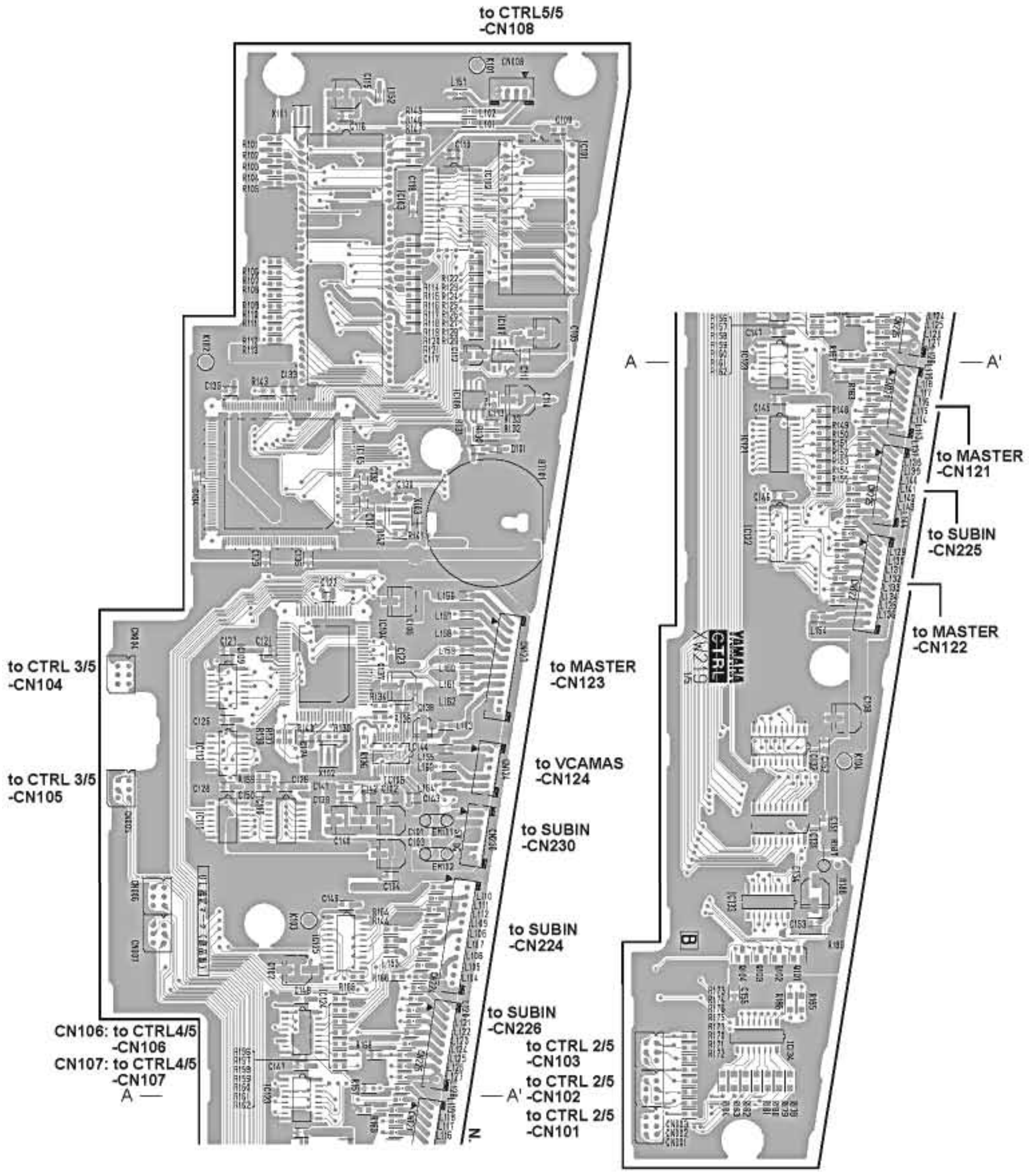
■ CIRCUIT BOARDS

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

● CTRL 1/5 Circuit Board

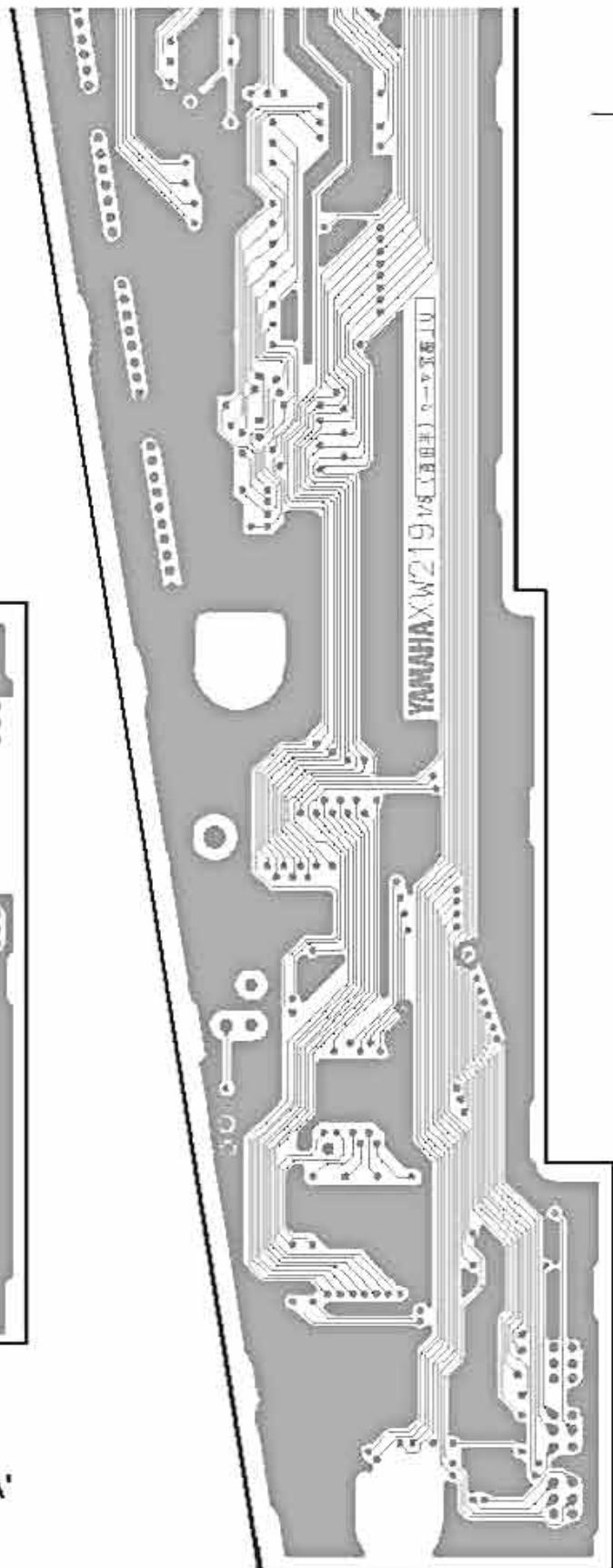
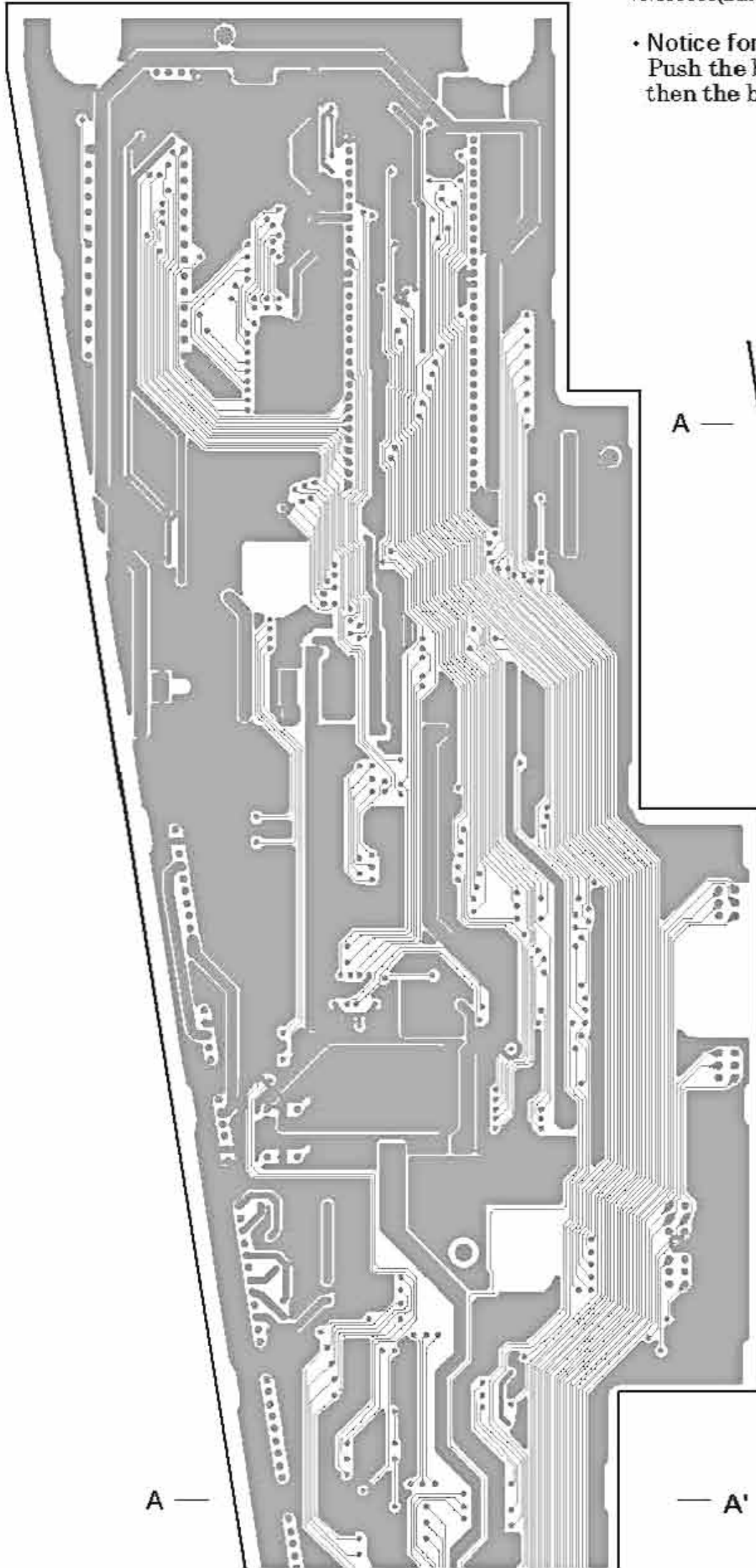
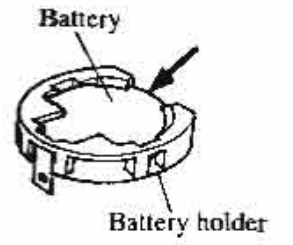


Component side

CTRL: 3NA-V431460

Battery VN103500
VN103600(Battery holder for VN103500)

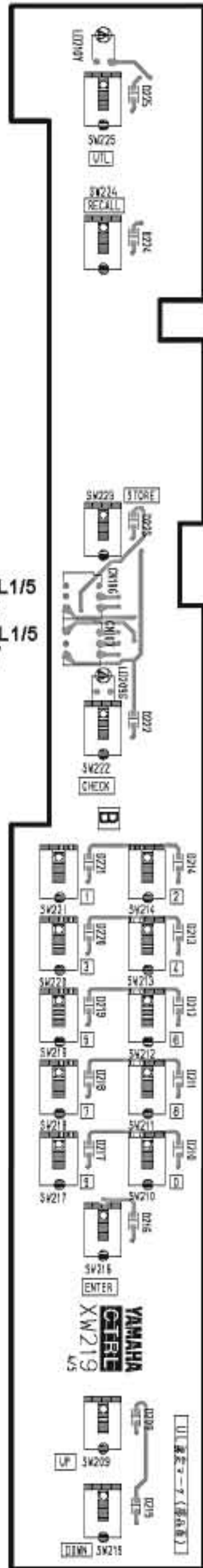
- Notice for back-up battery removal
Push the battery as shows in figure,
then the battery will pop up.



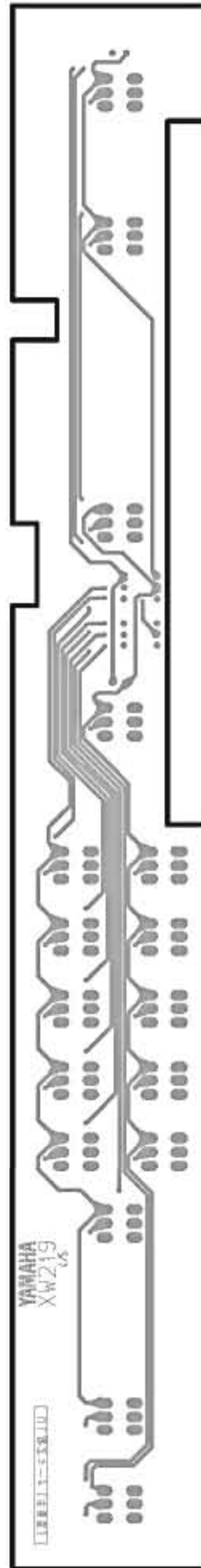
Pattern side

● CTRL 4/5 Circuit Board

to CTRL1/5
-CN006
to CTRL1/5
-CN007

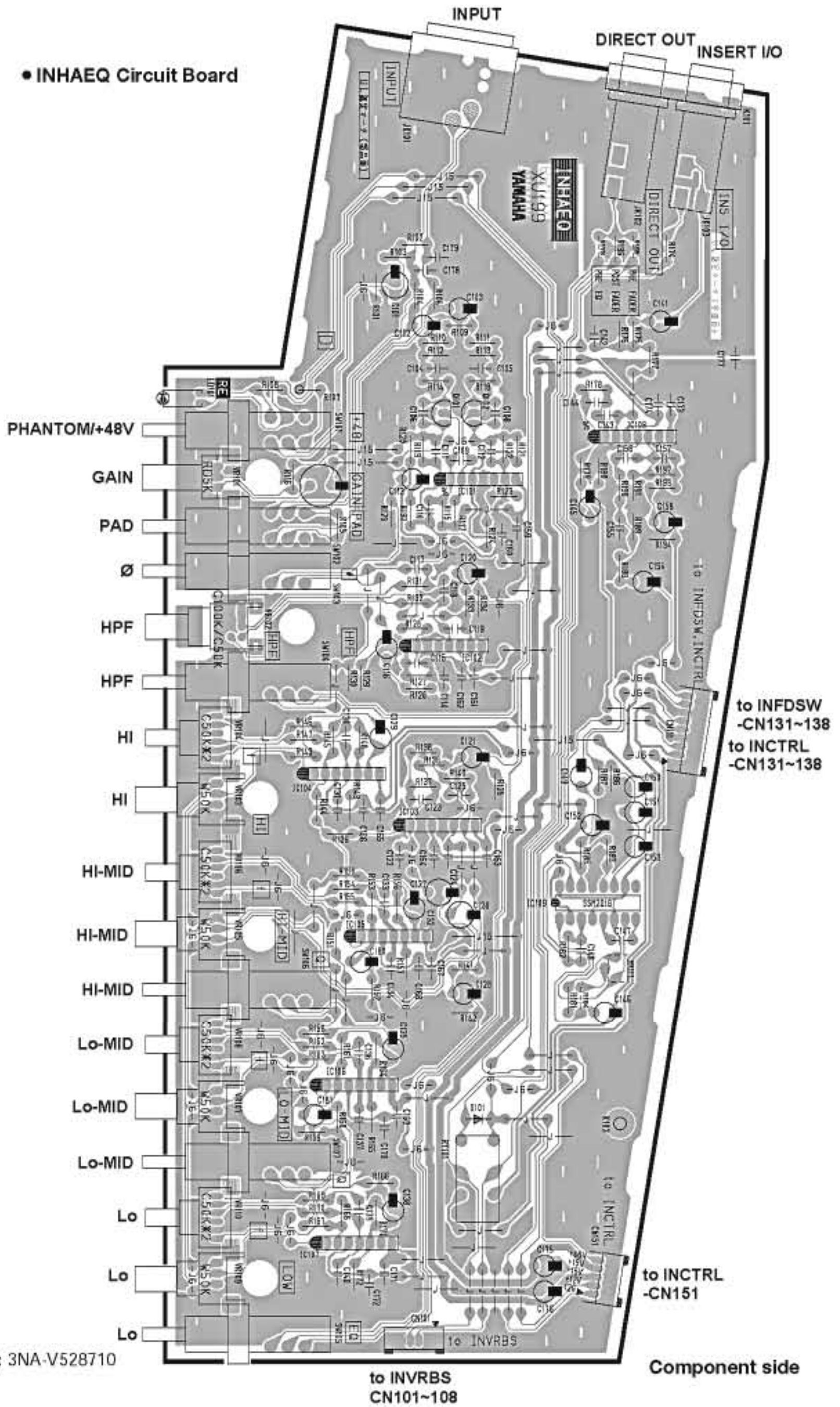


Component side



Pattern side

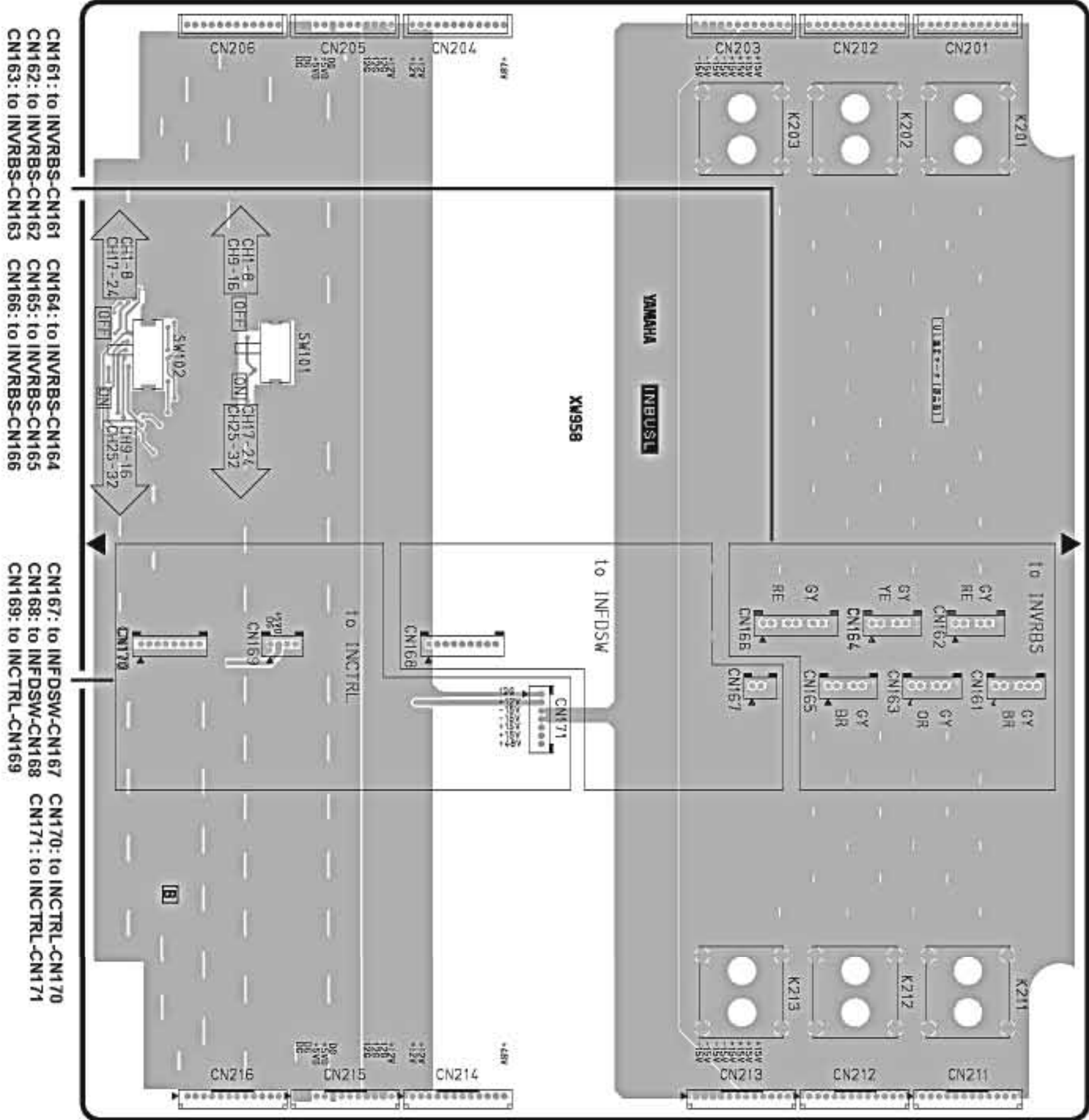
• INHAEQ Circuit Board



INHAEQ: 3NA-V528710

● INBUSL Circuit Board

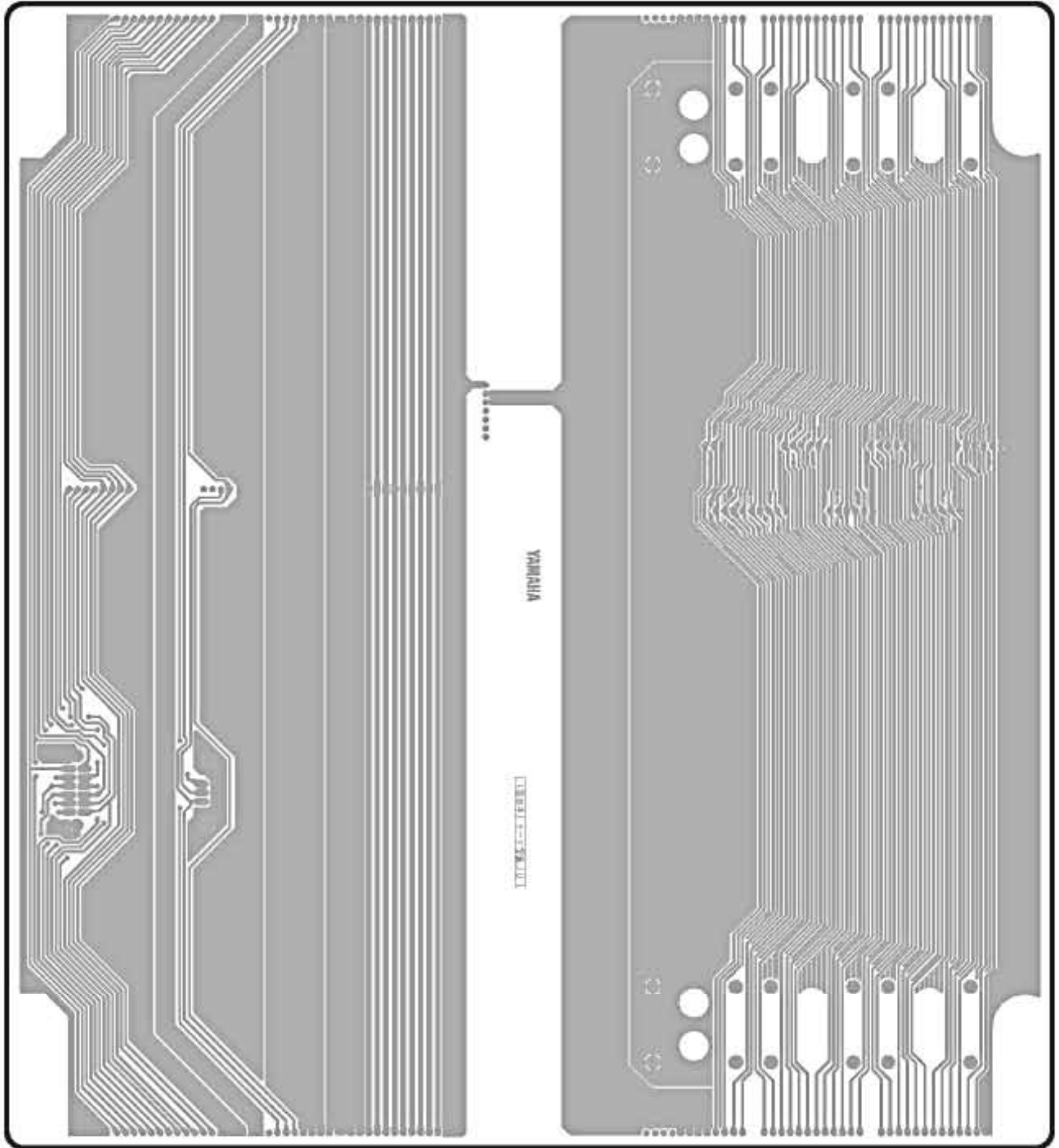
	CN206	CN205	CN204	CN203	CN202	CN201
24CH, 40CH (1~8, 9~16, 17~24) 32CH, 56CH (9~16, 17~24, 25~32)	to INBUSL -CN216	to INBUSL -CN215	to INBUSL -CN214	to INBUSL -CN213	to INBUSL -CN212	to INBUSL -CN211
32CH, 56CH (1~8)	N.C.					



- CN161: to INVRBS-CN161
- CN162: to INVRBS-CN162
- CN163: to INVRBS-CN163
- CN164: to INVRBS-CN164
- CN165: to INVRBS-CN165
- CN166: to INVRBS-CN166
- CN167: to INVD SW-CN167
- CN168: to INVD SW-CN168
- CN169: to INCR L-CN169
- CN170: to INCR L-CN170
- CN171: to INCR L-CN171

	CN216	CN215	CN214	CN213	CN212	CN211
24CH, 40CH(17~24) 32CH, 56CH(25~32)	to STBUS -CN206	to STBUS -CN205	to STBUS -CN204	to STBUS -CN203	to STBUS -CN202	to STBUS -CN201
24CH, 40CH(1~8, 9~16) 32CH, 56CH (1~8, 9~16, 17~24)	to INBUSL -CN206	to INBUSL -CN205	to INBUSL -CN204	to INBUSL -CN203	to INBUSL -CN202	to INBUSL -CN201

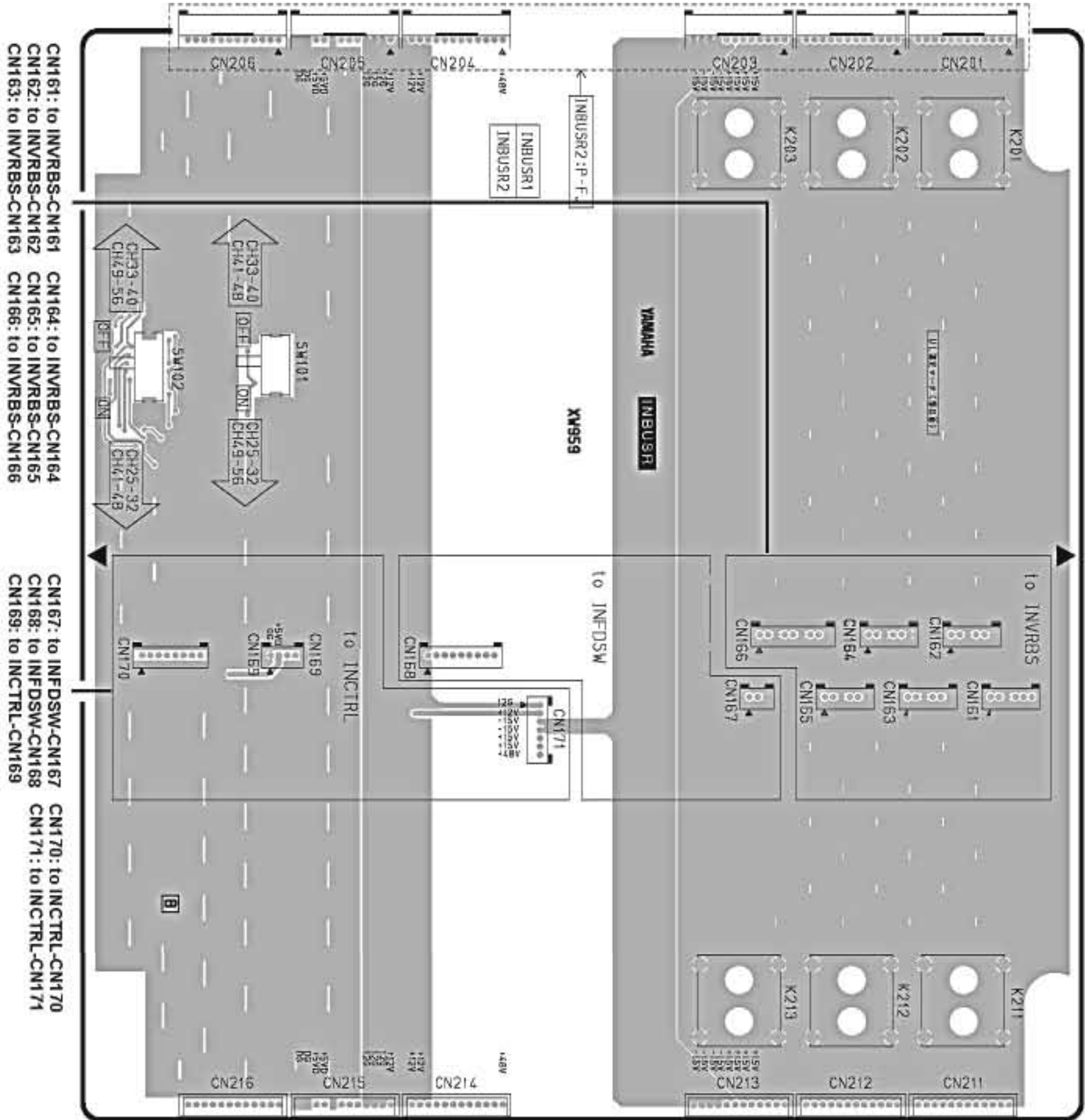
Component side



Pattern side

● INBUSR Circuit Board

	CN206	CN205	CN204	CN203	CN202	CN201
40CH(33~40) 56CH(41~48, 49~56)	to INBUSR -CN216	to INBUSR -CN215	to INBUSR -CN214	to INBUSR -CN213	to INBUSR -CN212	to INBUSR -CN211
INBUSR1 40CH(25~32) 56CH(33~40)	to SUBIN -CN216	to SUBIN -CN215	to SUBIN -CN214	to SUBIN -CN213	to SUBIN -CN212	to SUBIN -CN211



CN161: to INVRBS-CN161
CN162: to INVRBS-CN162
CN163: to INVRBS-CN163

CN164: to INVRBS-CN164
CN165: to INVRBS-CN165
CN166: to INVRBS-CN166

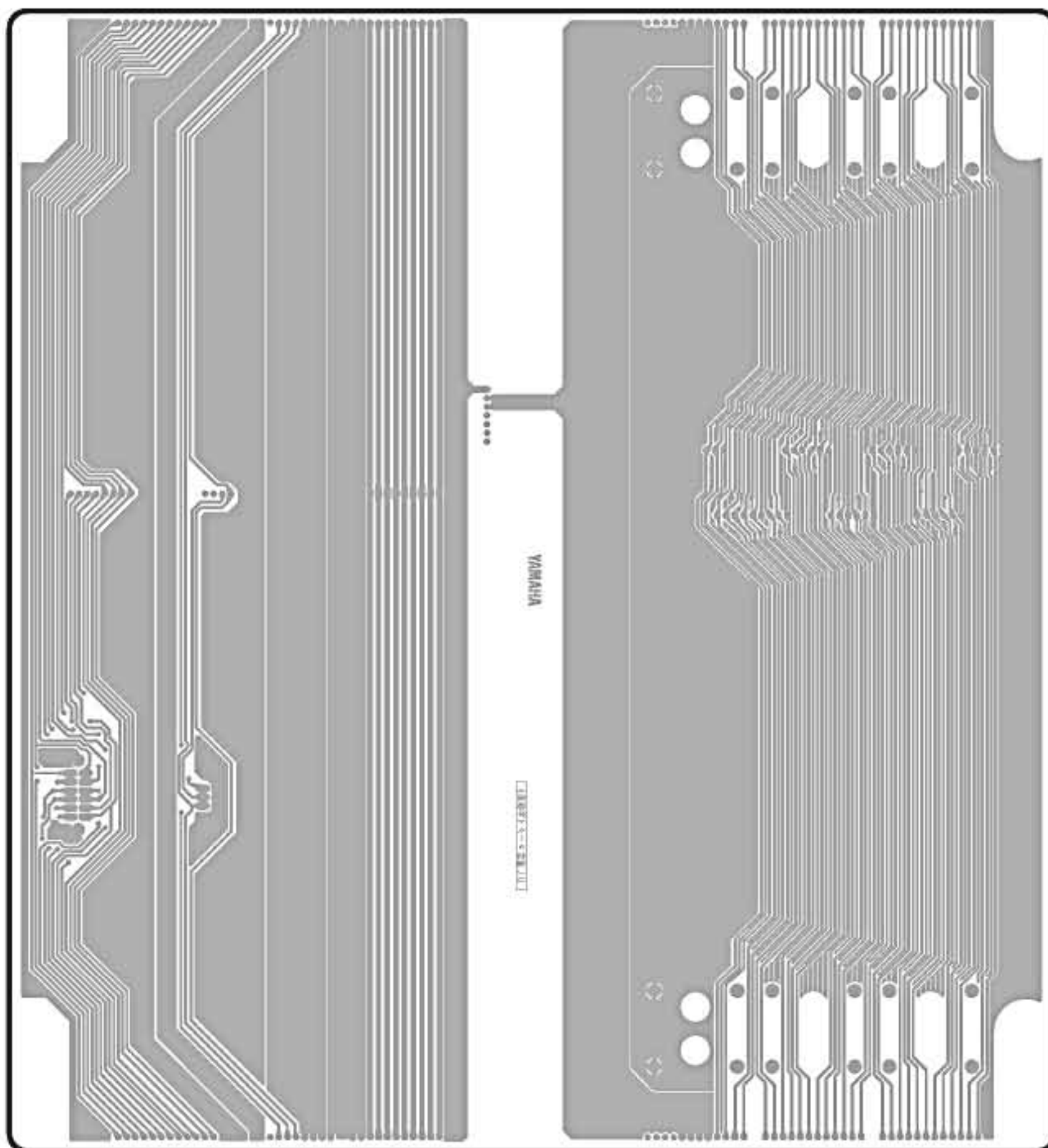
CN167: to INFDSW-CN167
CN168: to INFDSW-CN168
CN169: to INCTRL-CN169

CN170: to INCTRL-CN170
CN171: to INCTRL-CN171

	CN216	CN215	CN214	CN213	CN212	CN211
INBUSR1 40CH(25~32), 56CH(33~40) INBUSR2 40CH(33~40), 56CH(31~48)	to INBUSR -CN206	to INBUSR -CN205	to INBUSR -CN204	to INBUSR -CN203	to INBUSR -CN202	to INBUSR -CN201
INBUSR2 56CH(49~56)	N.C.					

Component side

INBUSR: 3NA-V476850



Pattern side

● INCTRL Circuit Board

to ONLDSW-CN141
CN131: to INHAEQ-CN111

CN132: to INHAEQ-CN111

to ONLDSW-CN141

to ONLDSW-CN141
CN133: to INHAEQ-CN111

CN134: to INHAEQ-CN111

to ONLDSW-CN141

to ONLDSW-CN141
CN135: to INHAEQ-CN111

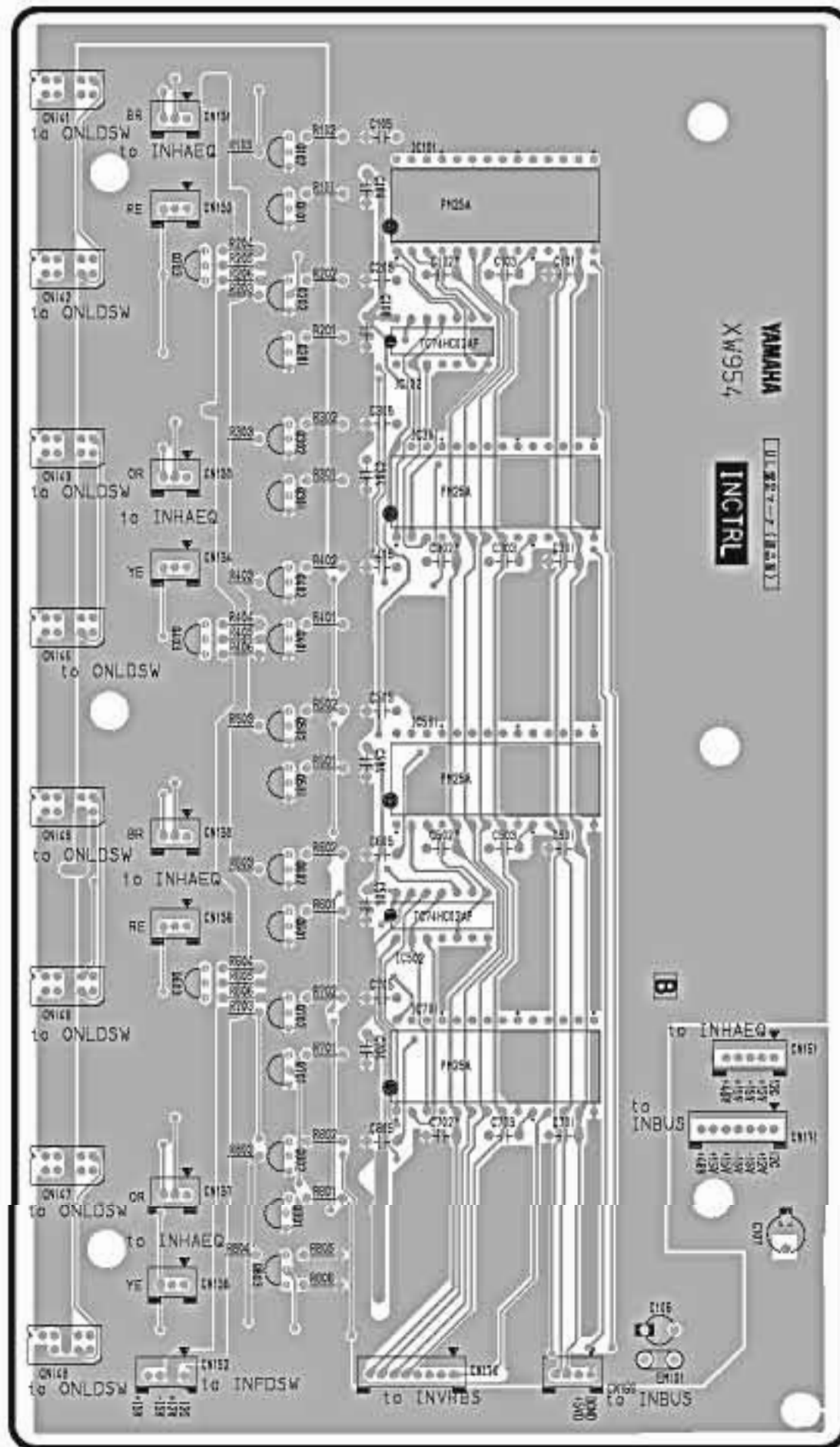
CN136: to INHAEQ-CN111

to ONLDSW-CN141

to ONLDSW-CN141
CN137: to INHAEQ-CN111

CN138: to INHAEQ-CN111

to ONLDSW-CN141

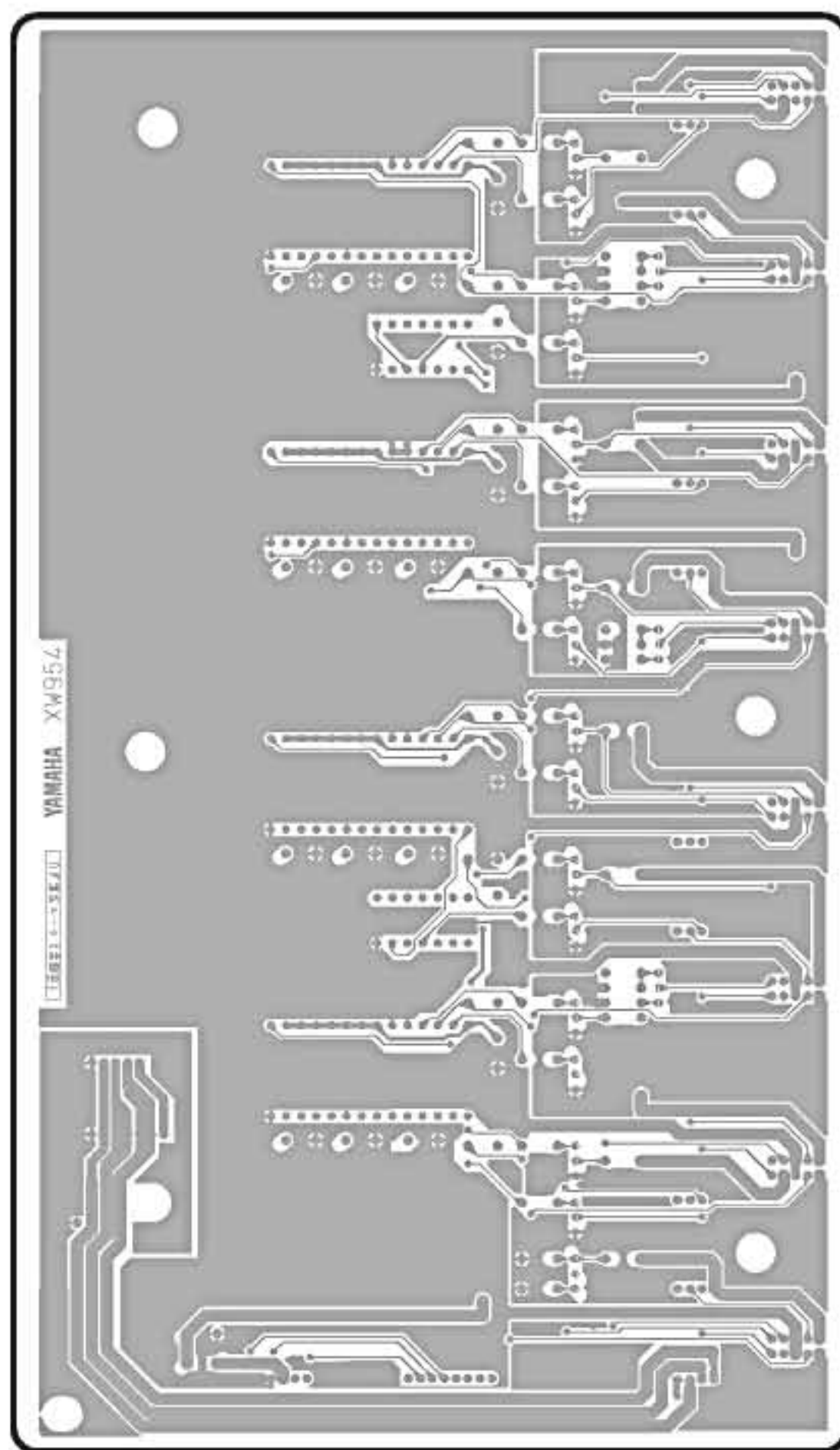


to INFDSW-CN152 to INVRBS-CN170 to INBUS-CN169

Component side

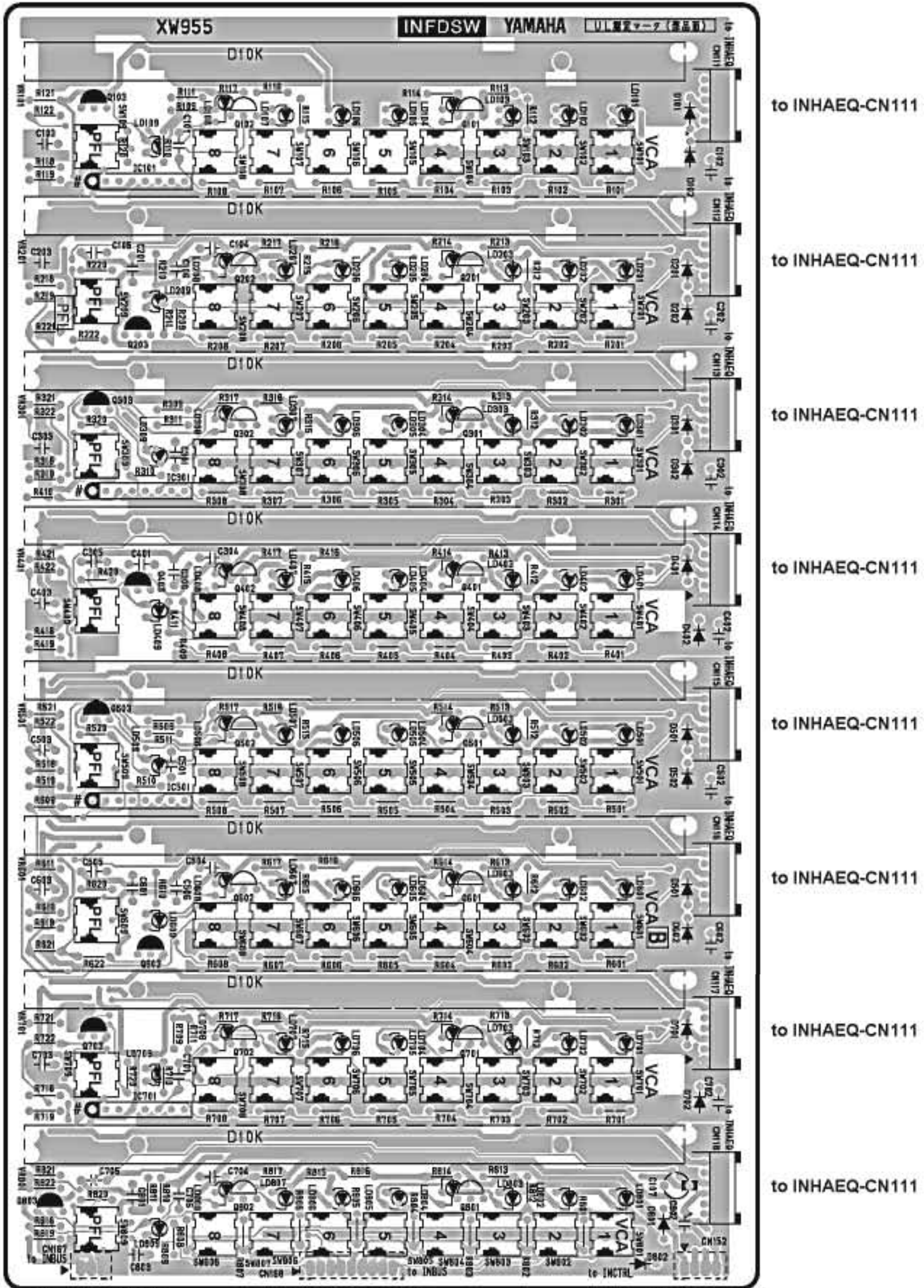
to INHAEQ-CN151

to INBUS-CN171



Pattern side

• INFDSW Circuit Board



to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

to INHAEQ-CN111

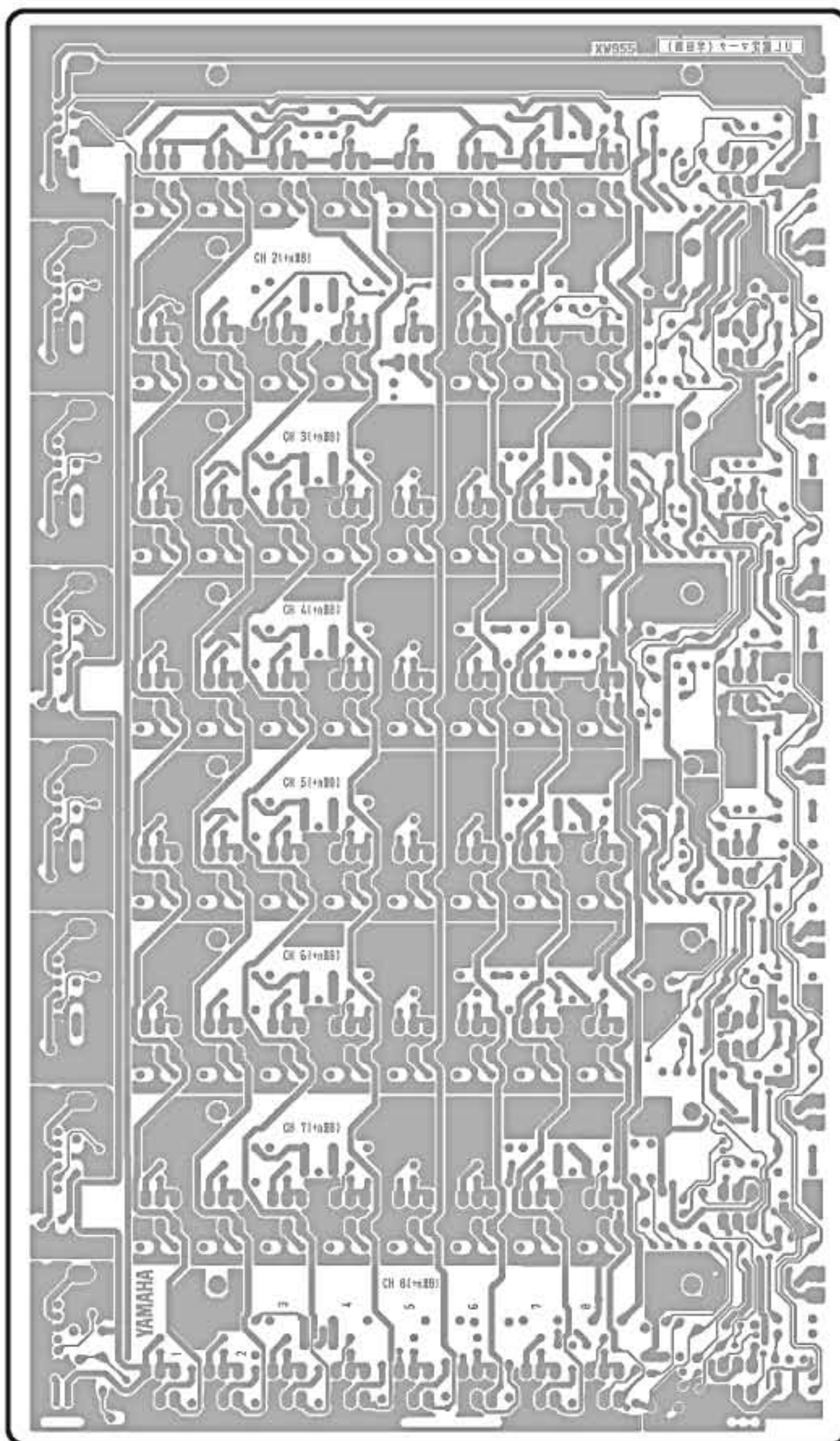
to INBUS-CN167

to INBUS-CN168

to INCTRL-CN152

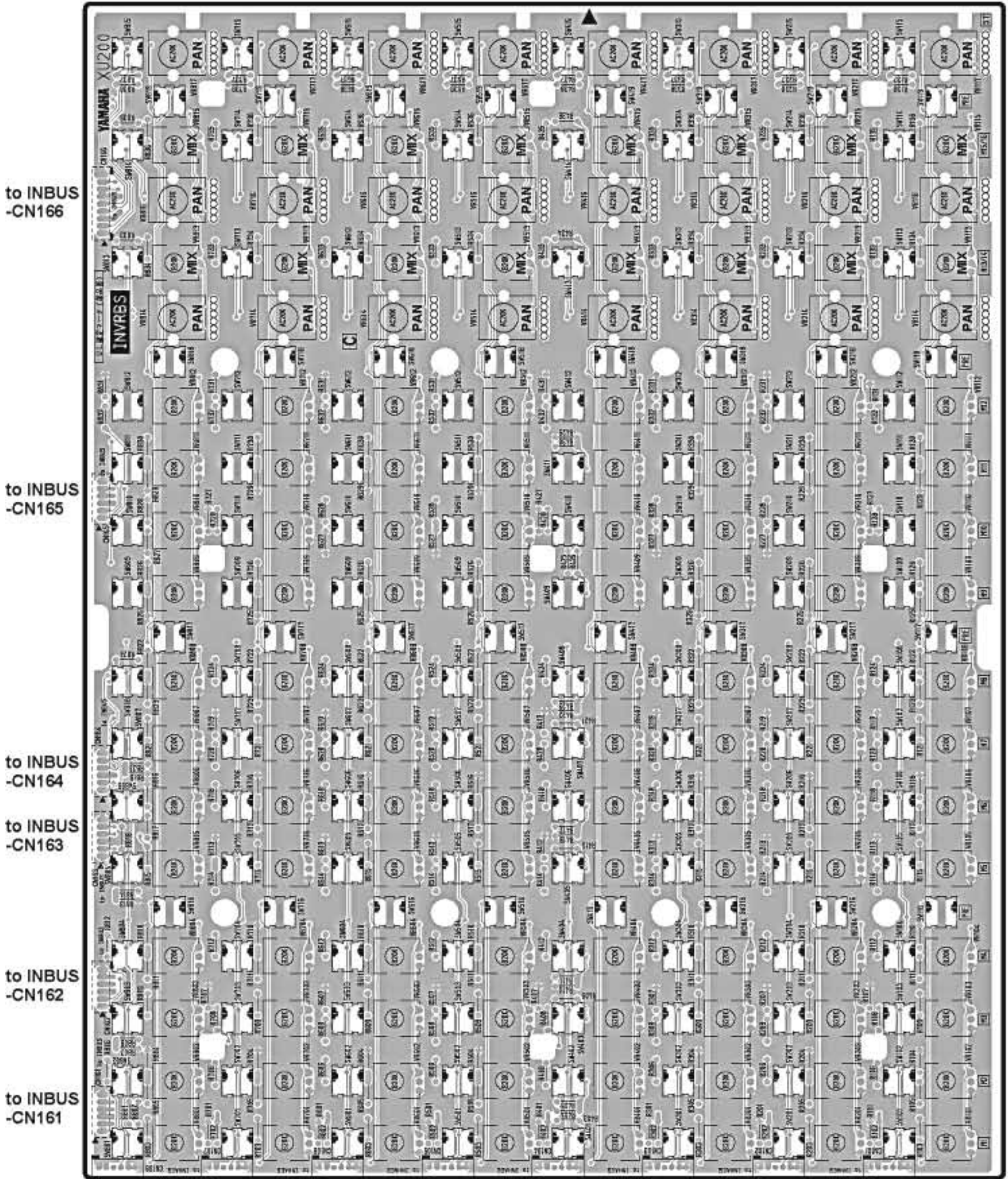
Component side

INFDSW: 3NA-V476810

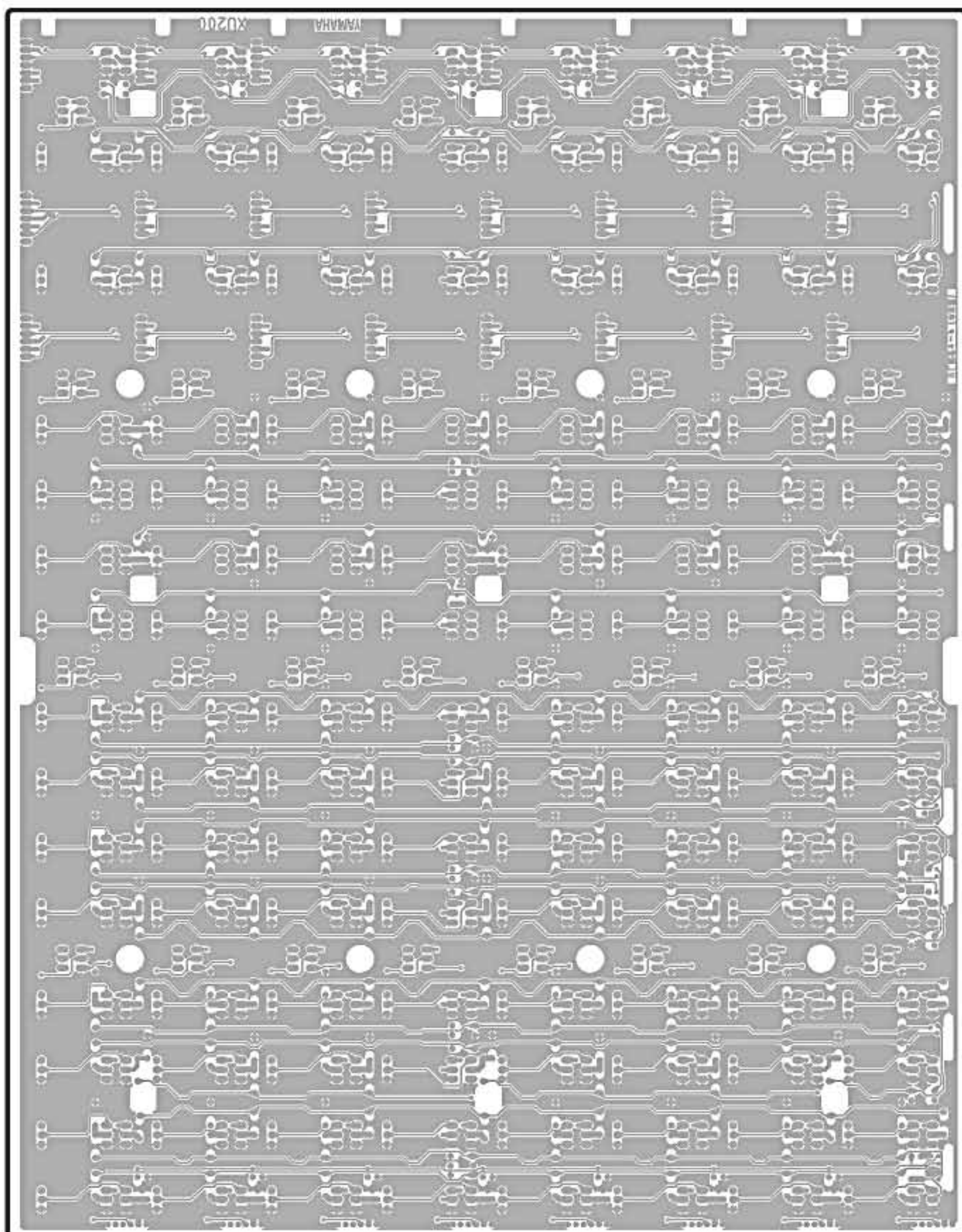


Pattern side

• INVRBS Circuit Board



Component side



Pattern side

● MASTER Circuit Board

to MATRIX-CN111

to MATRIX-CN112

A

[to MATRIX]

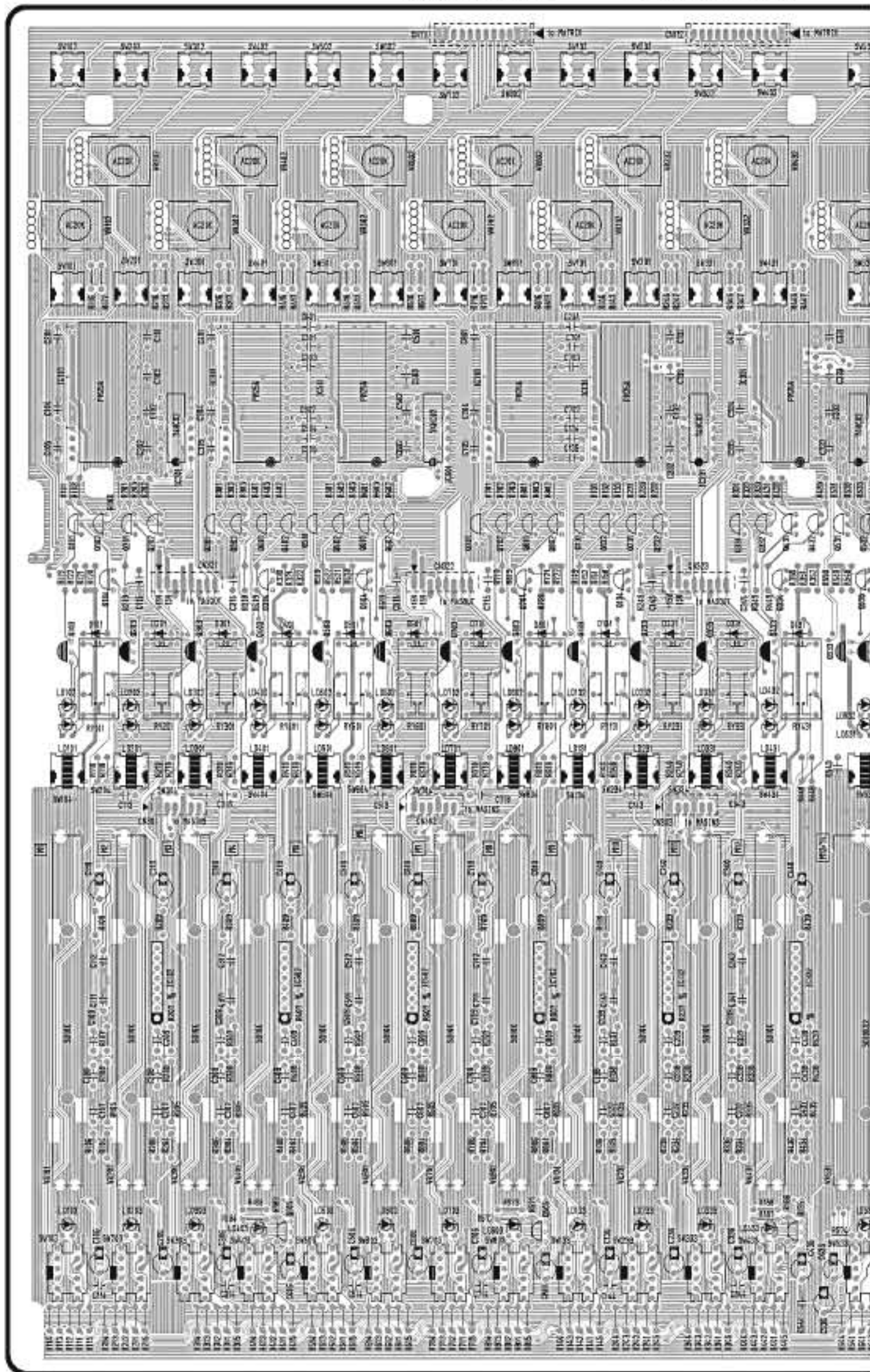
[PAN]

[PAN]

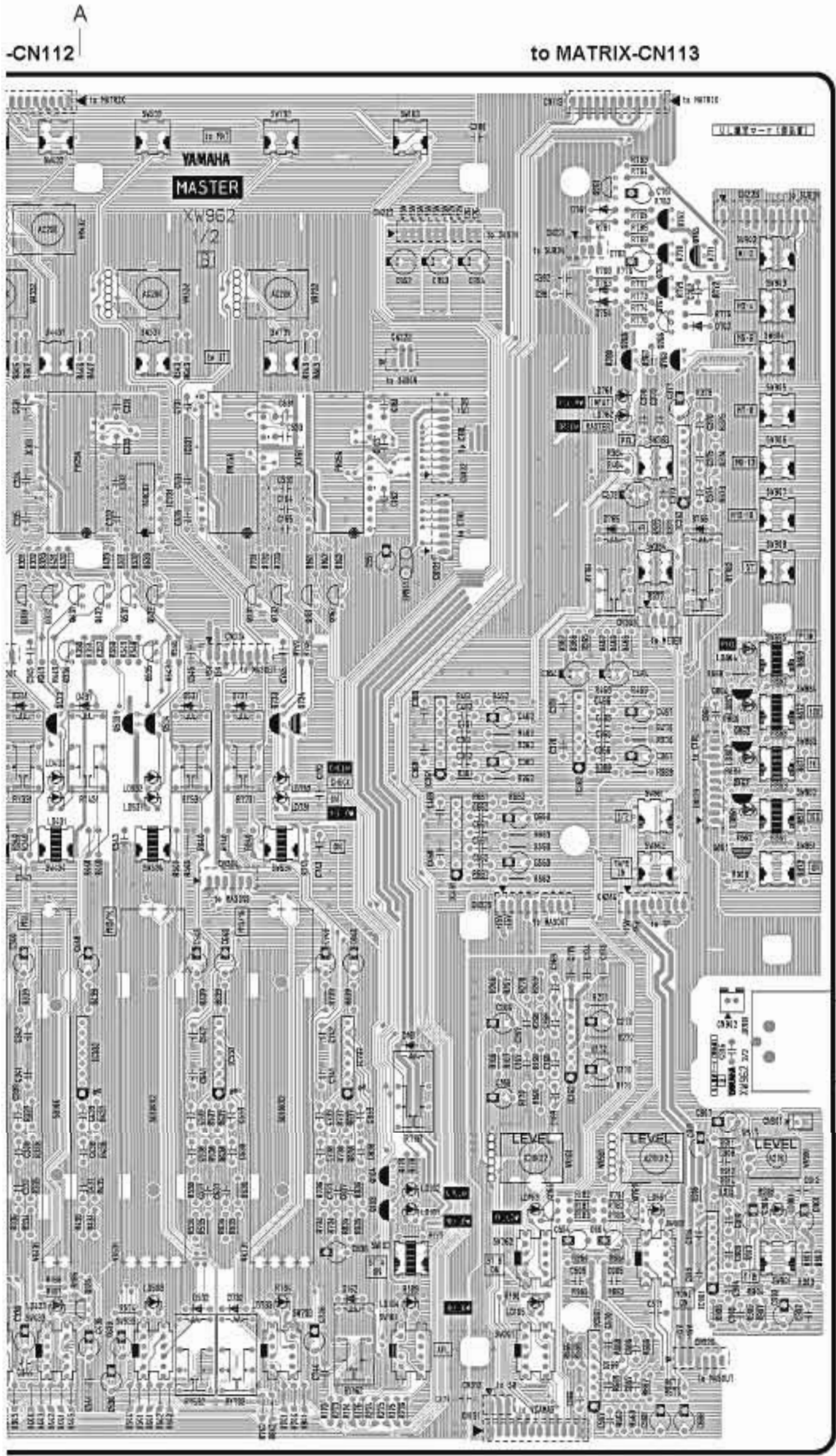
[to STEREO]

[ON/EDIT]

[AFL]



A'



-CN112

to MATRIX-CN113

CN227: to SUBIN-CN227
 CN223: to SUBIN-CN223
 CN221: to SUBIN-CN221

CN222: to SUBIN-CN222

CN122: to CTRL-CN122

CN121: to CTRL-CN121

CN333: to METER2-2-CN333
 CN321: to MASOUT1-CN321
 CN322: to MASOUT1-CN322
 CN323: to MASOUT1-CN323
 CN324: to MASOUT1-CN324

CN123: to CTRL-CN123

CN325: to MASOUT2 1/2-CN325
 CN314: to MSOTHR(TP)-CN314

MIC

CN301: to MASINS-CN301
 CN302: to MASINS-CN302
 CN303: to MASINS-CN303
 CN304: to MASINS-CN304

CN326: to MASOUT2 2/2-CN326

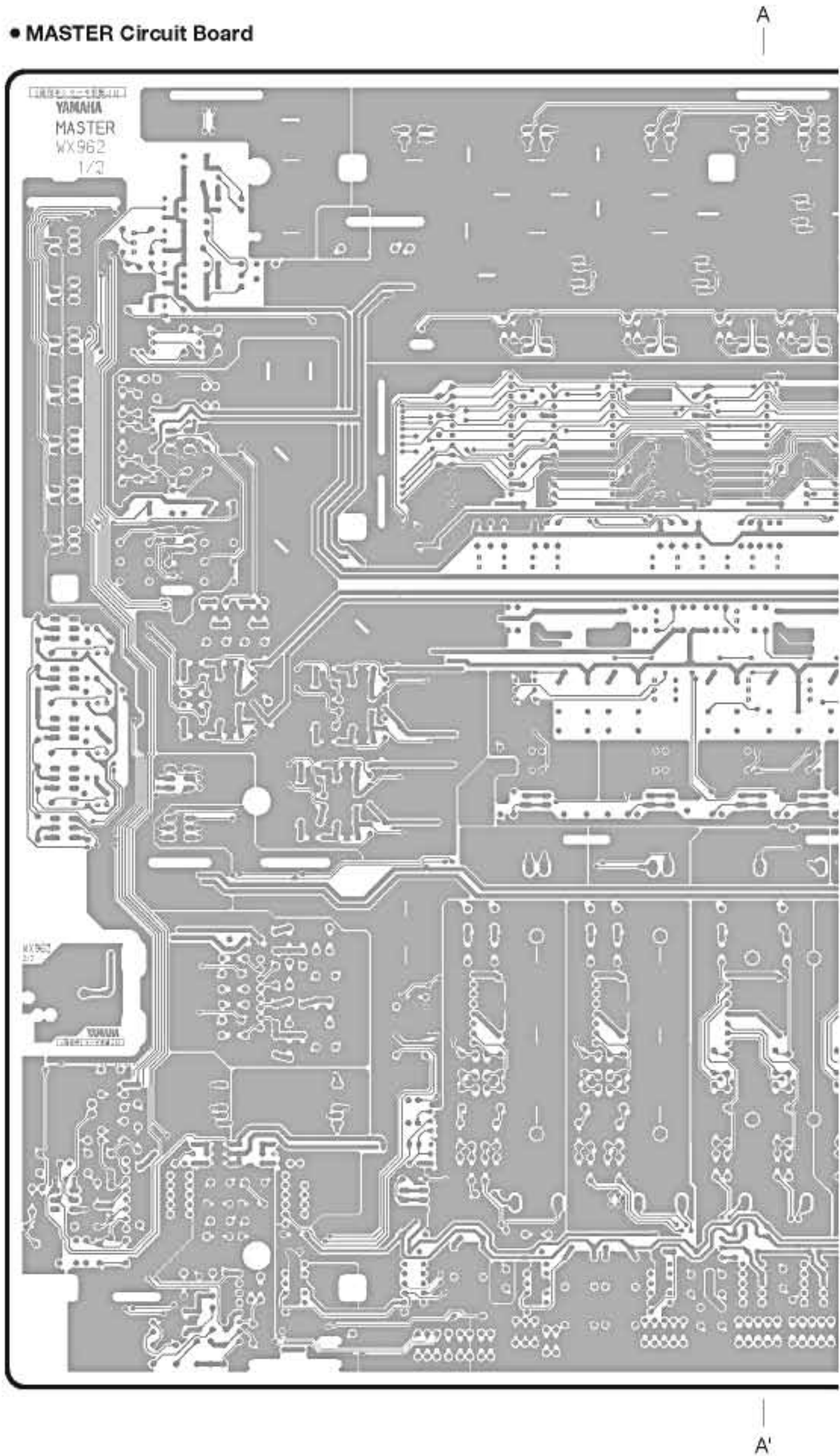
CN131: to VCAMAS-CN131
 CN312: to MSOTHR-CN312

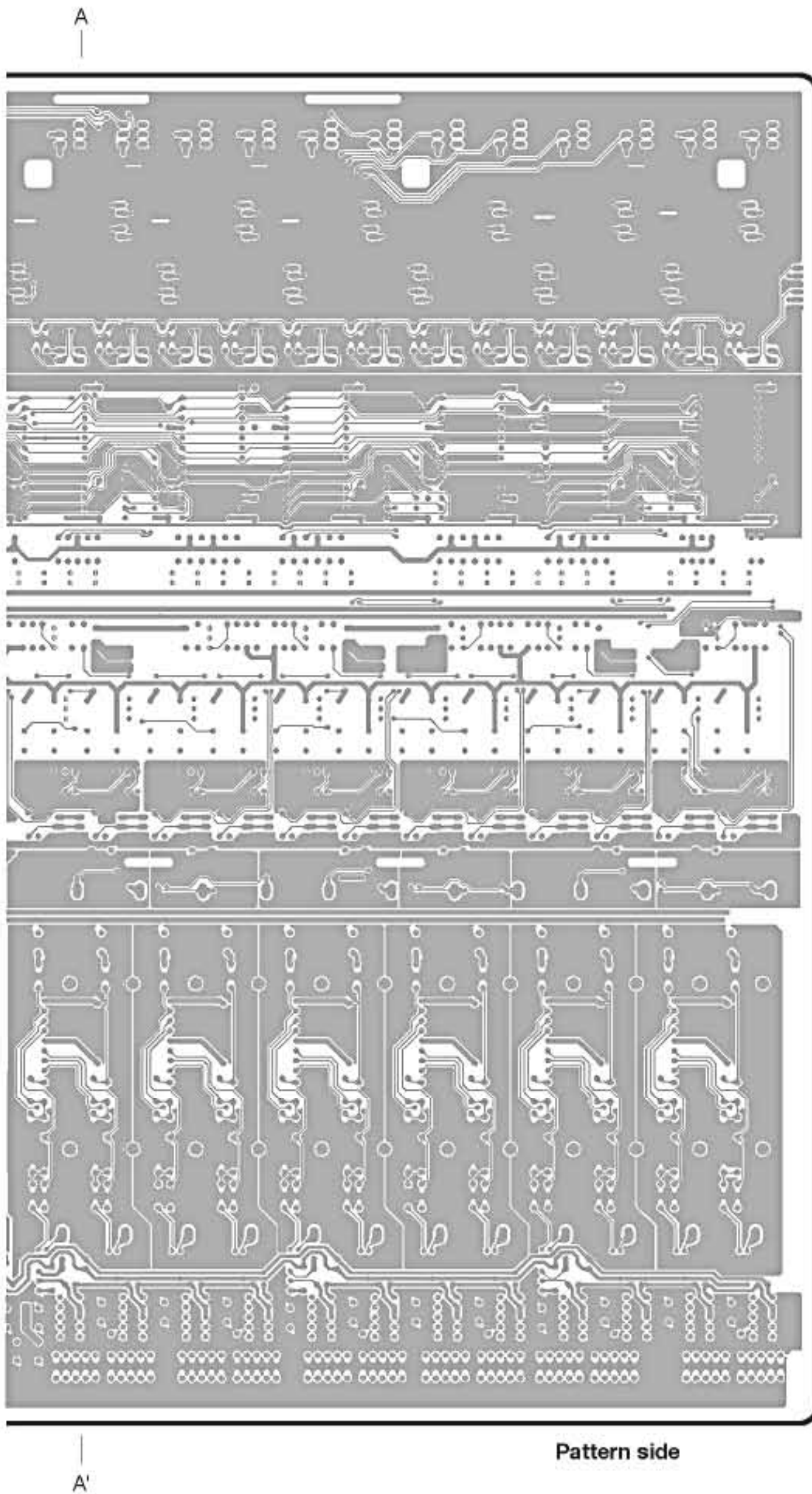
Component side

A'

MASTER: 3NA-V476900

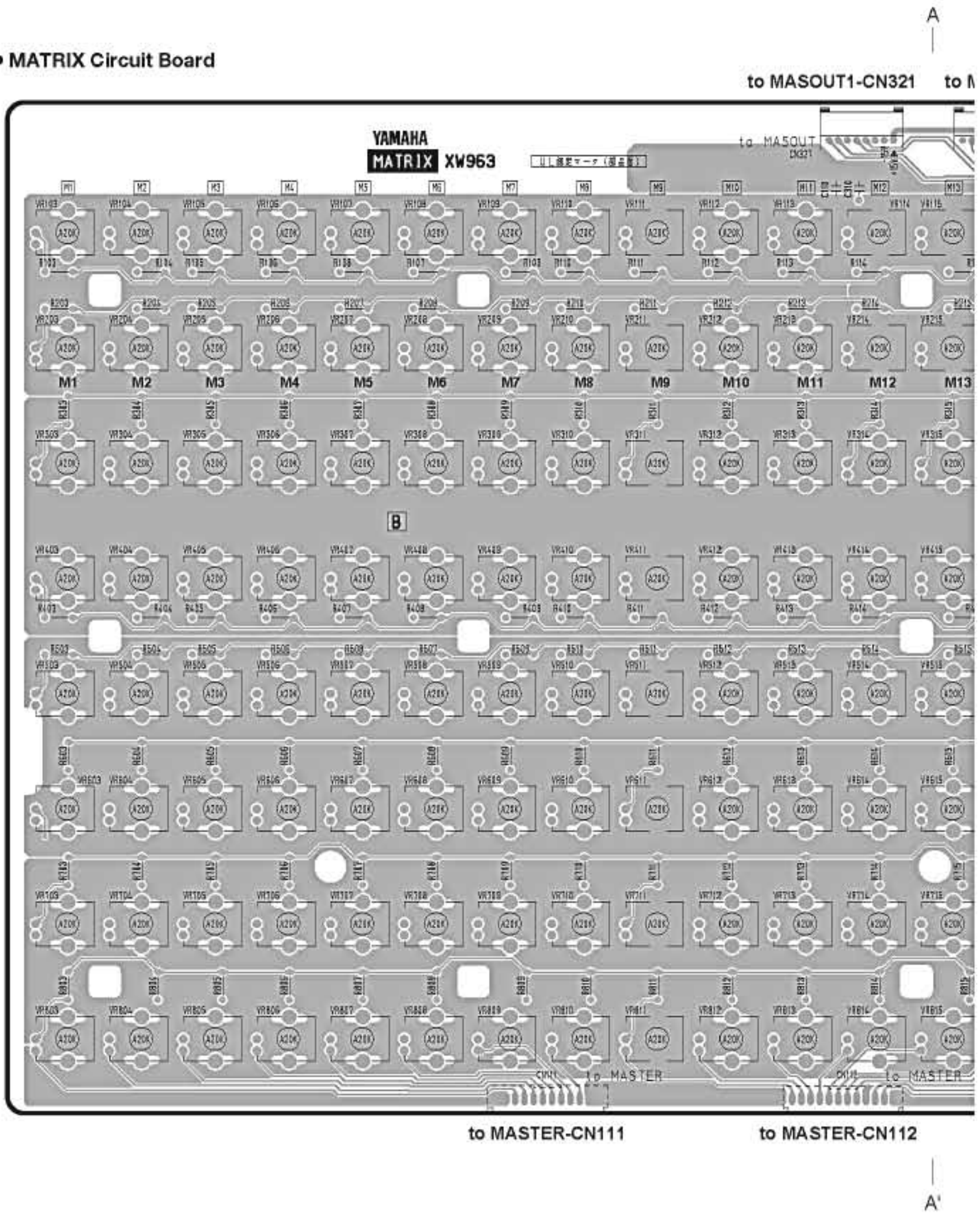
● MASTER Circuit Board



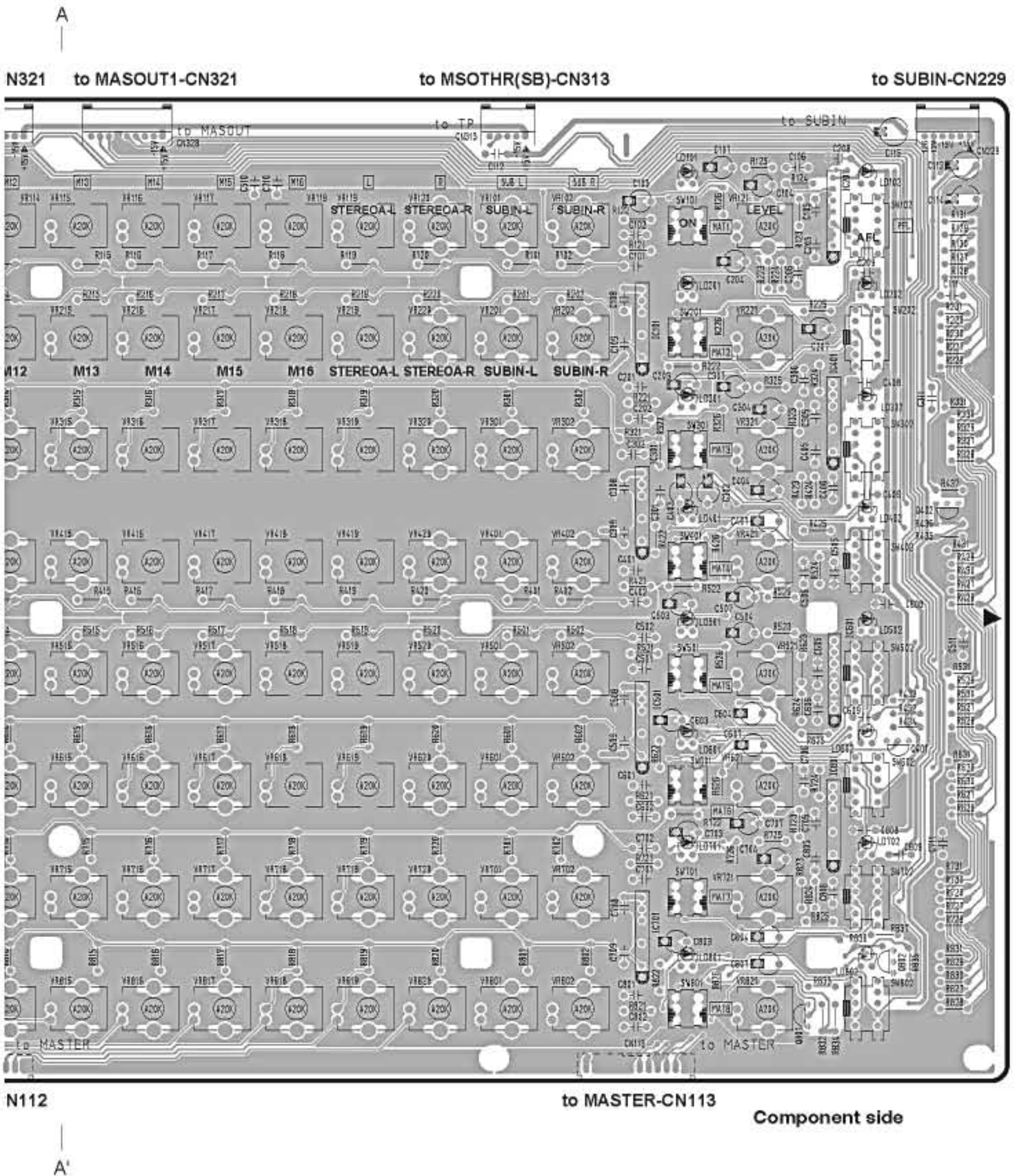


Pattern side

● MATRIX Circuit Board

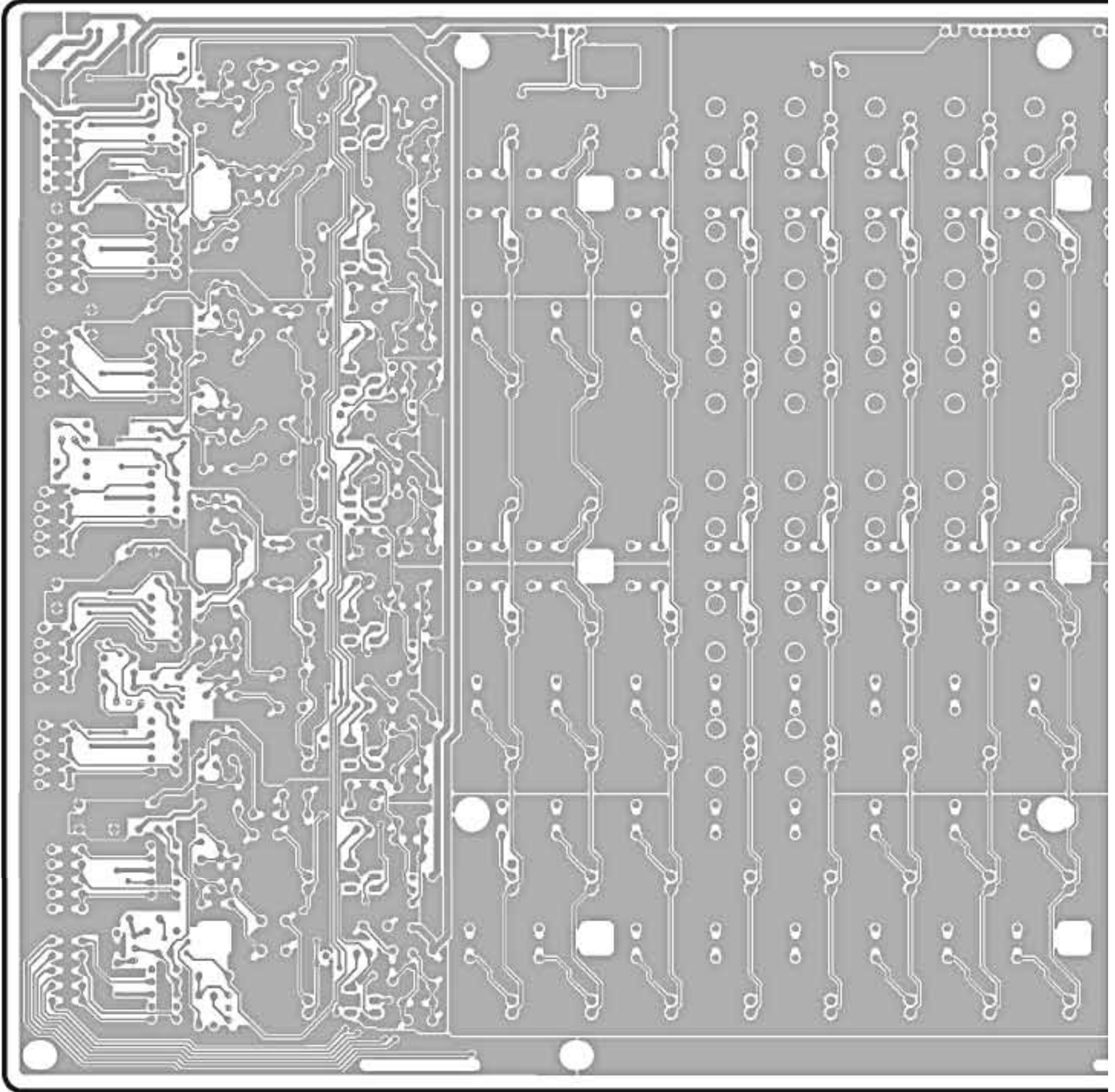


MATRIX: 3NA-V476910



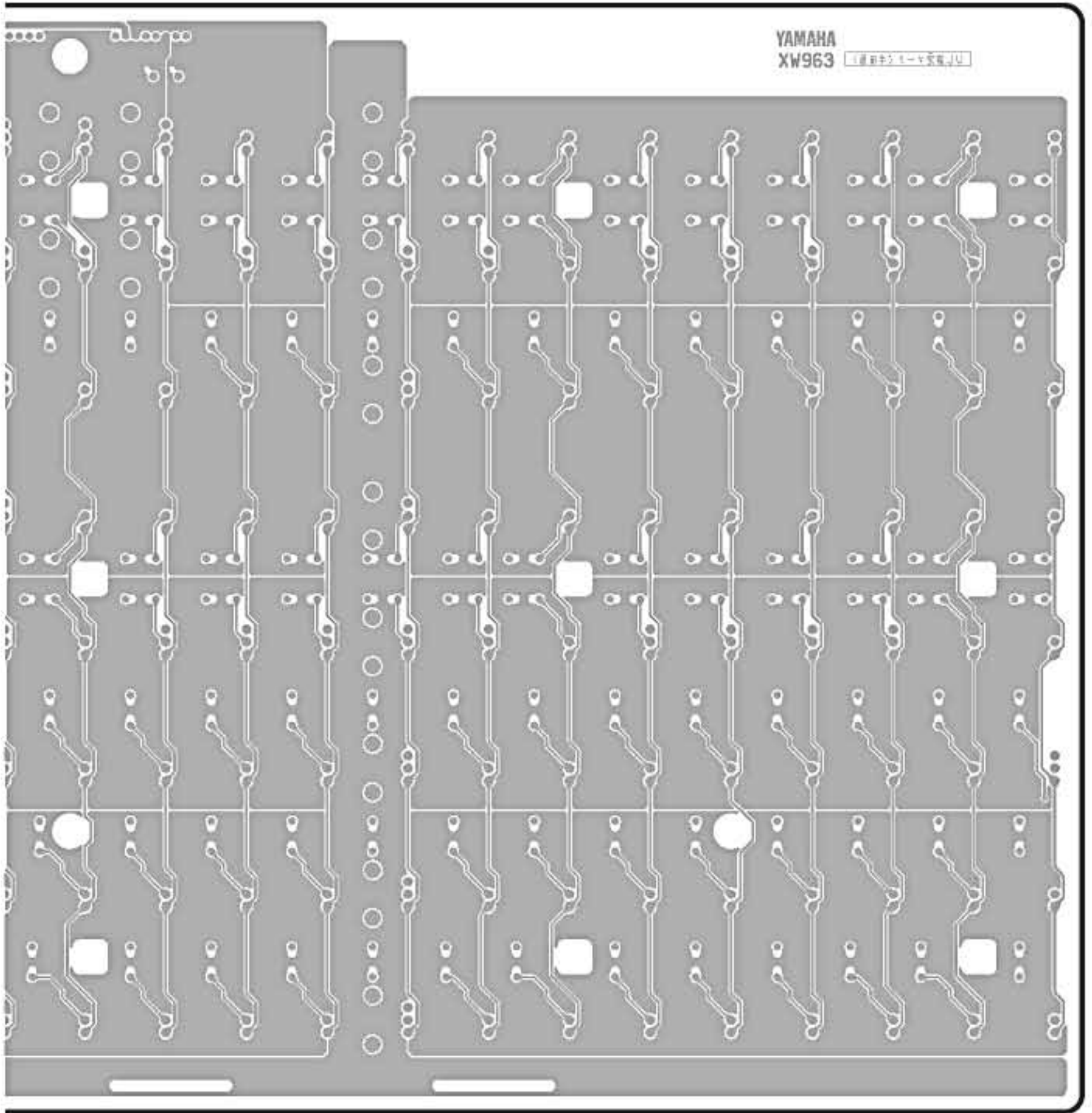
A
|

● MATRIX Circuit Board



|
A'

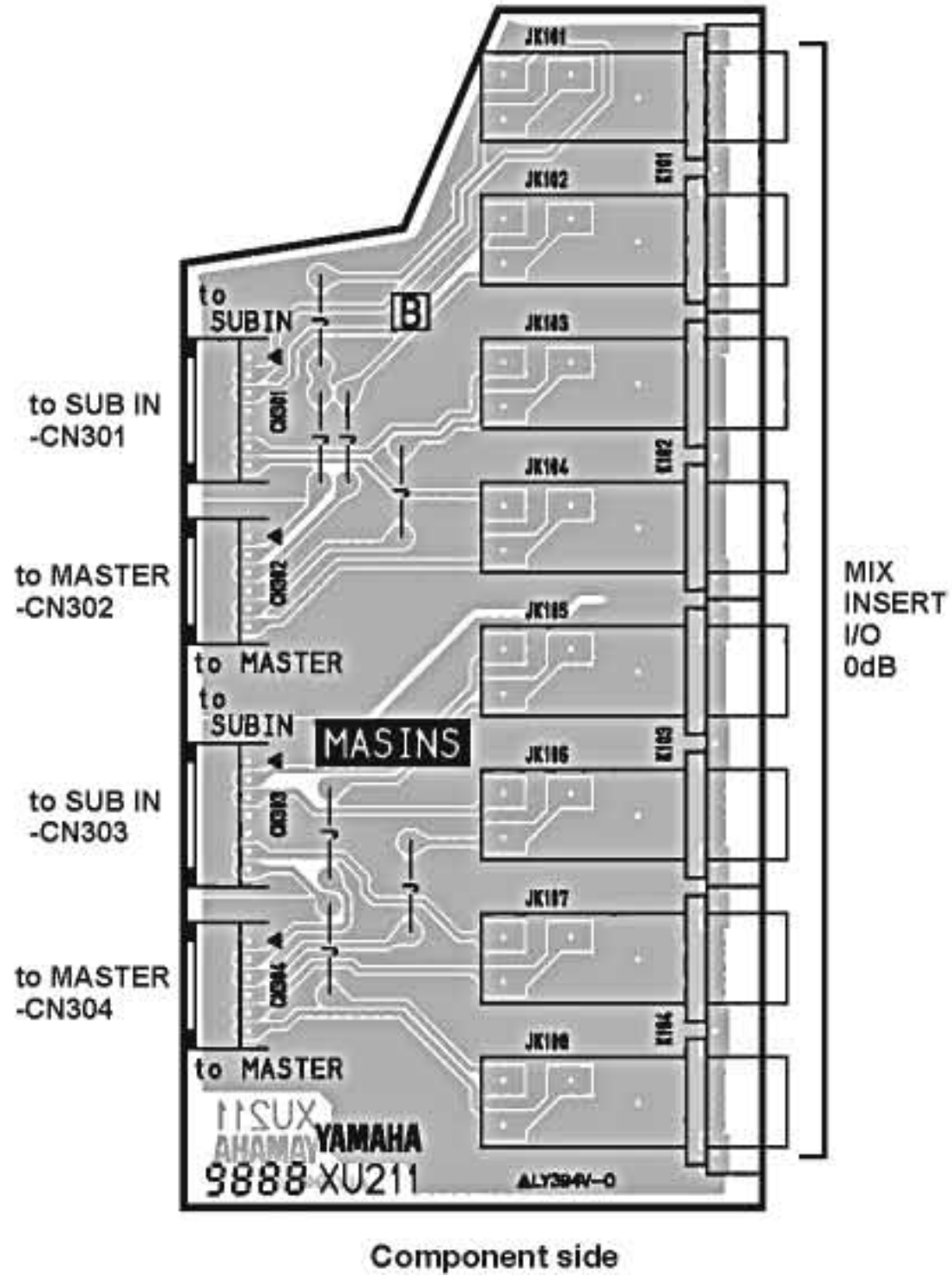
A
|



Pattern side

A'

• MASIN Circuit Board



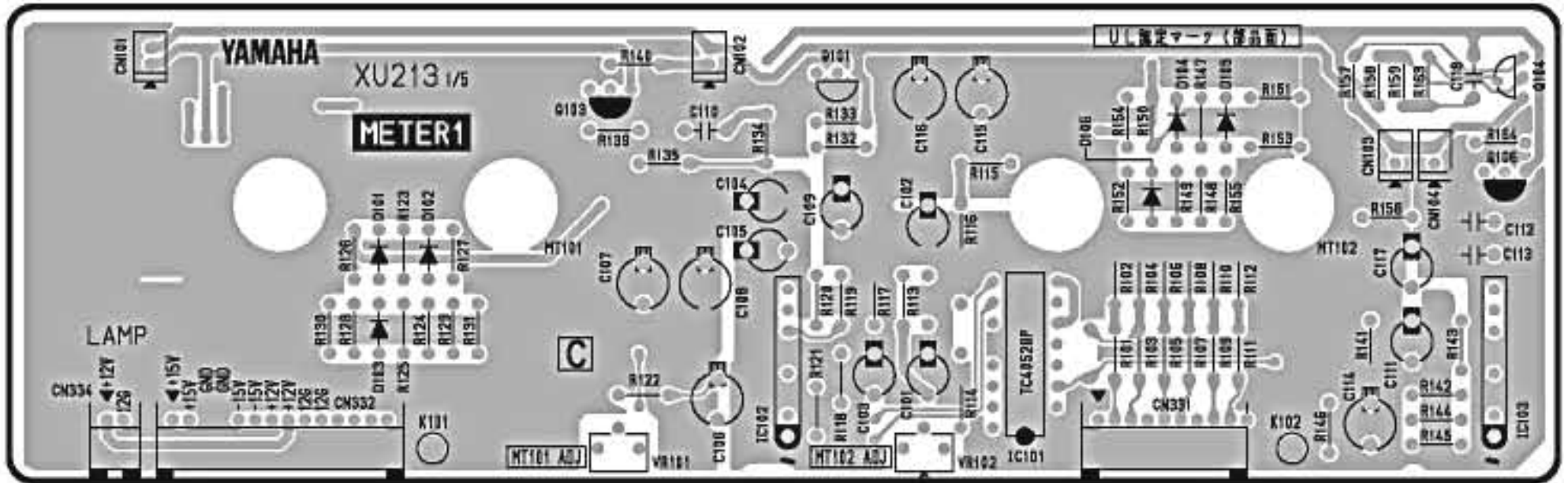
● METER1 1/5 Circuit Board

to METER1 2/5-CN101

to METER1 3/5-CN102

CN103: to METER1 4/5-CN103

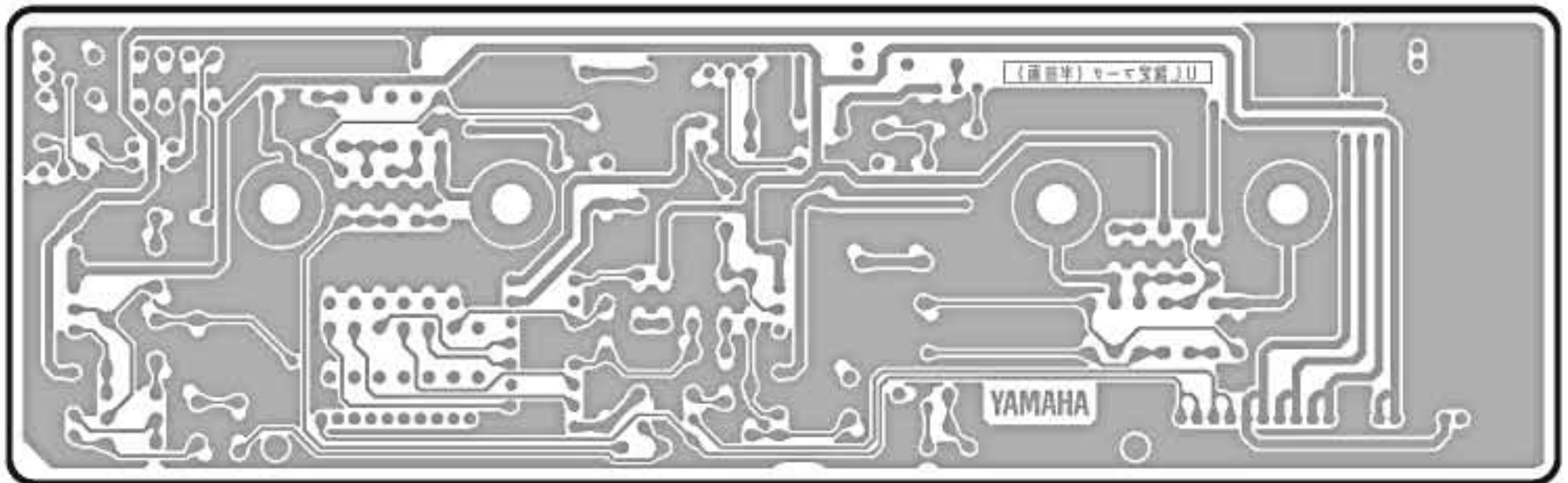
CN104: to METER1 5/5-CN104



to LAMP to SUBIN-CN332

to MASOUT1-CN331

Component side



Pattern side

● METER1 2/5 Circuit Board

to METER1 1/5-CN101



Component side



Pattern side

● METER1 4/5 Circuit Board

to METER1 1/5-CN103



Component side



Pattern side

● METER1 3/5 Circuit Board

to METER1 1/5-CN102



Component side



Pattern side

● METER1 5/5 Circuit Board

to METER1 1/5-CN104



Component side



Pattern side

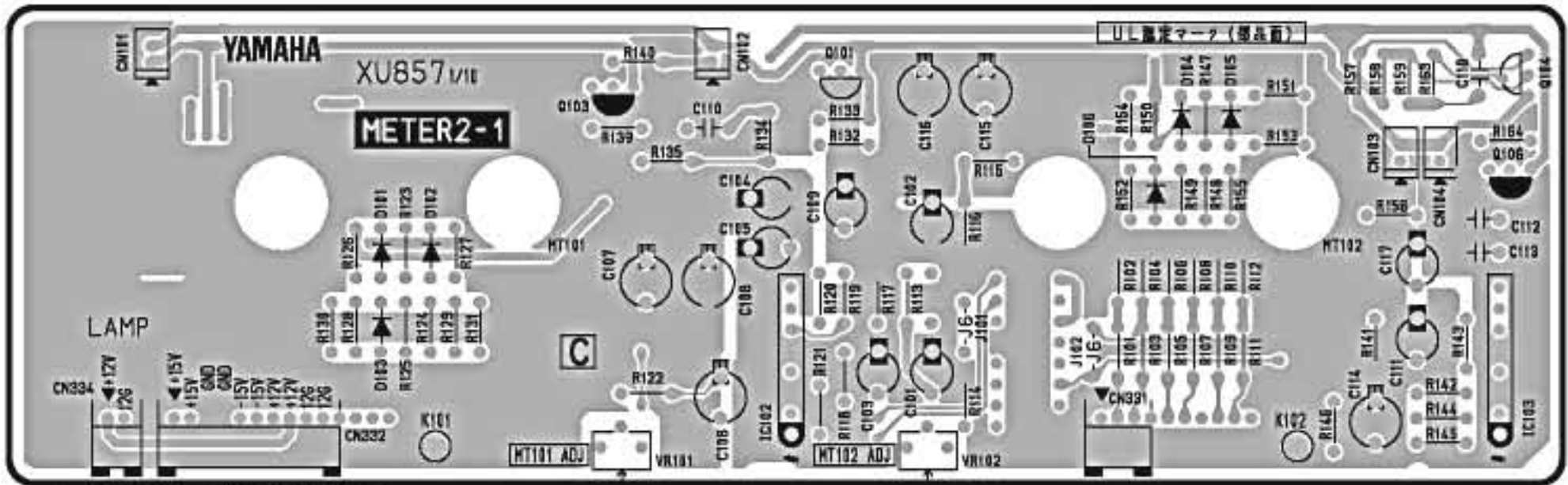
METER1: 3NA-V230760 ⚠

● METER2-1 1/10 Circuit Board

to METER1 2/10-CN101

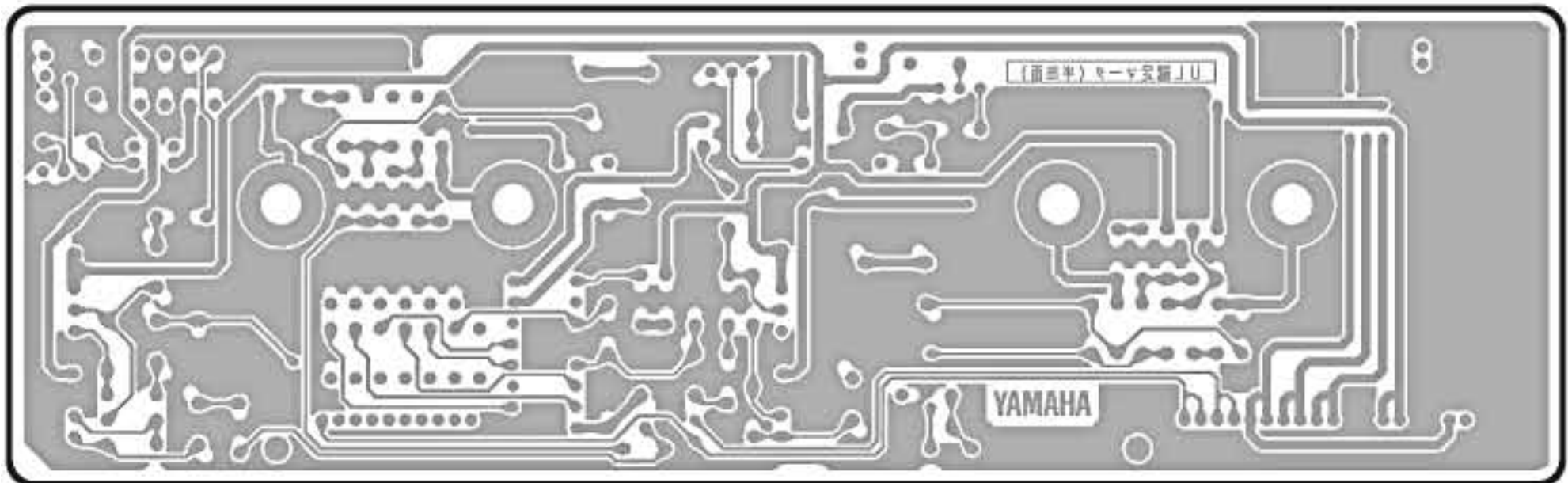
to METER2-1 3/10-CN102

CN103: to METER2-1 4/10-CN103
CN104: to METER2-1 5/10-CN104



to LAMP to SUBIN-CN332

Component side



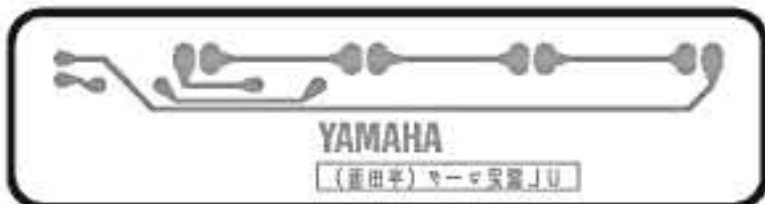
Pattern side

● METER2-1 2/10 Circuit Board

to METER2-1 1/10-CN101



Component side



Pattern side

● METER2-1 4/10 Circuit Board

to METER2-1 1/10-CN103



Component side



Pattern side

● METER2-1 3/10 Circuit Board

to METER2-1 1/10-CN102



Component side



Pattern side

● METER2-1 5/10 Circuit Board

to METER2-1 1/10-CN104



Component side



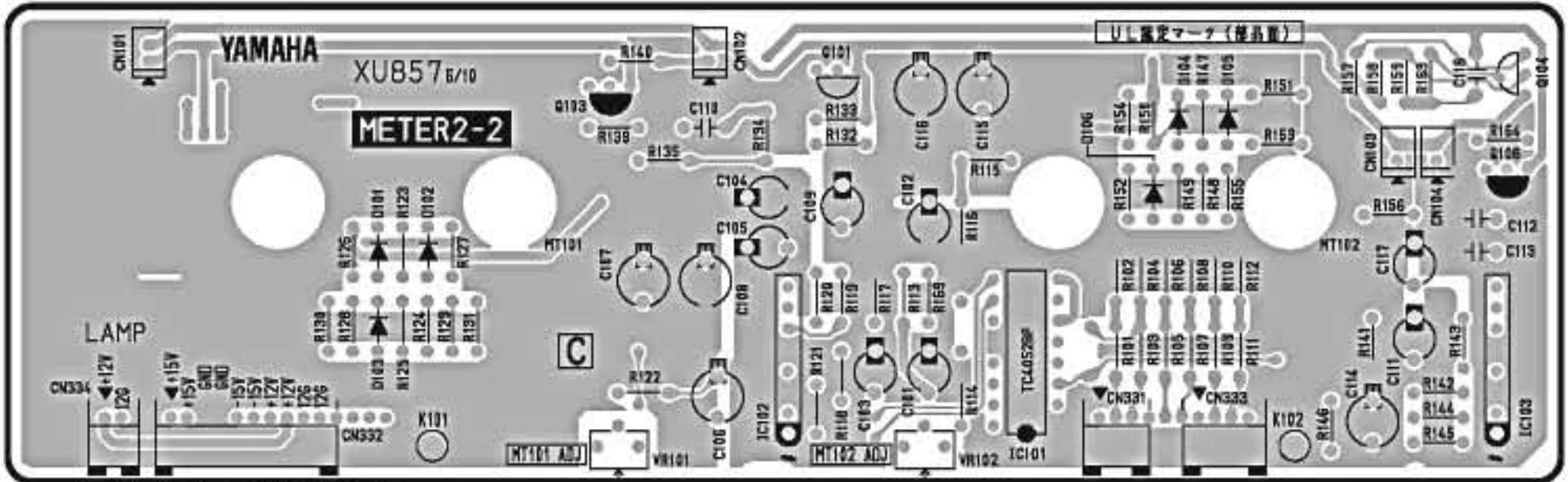
Pattern side

● METER2-2 6/10 Circuit Board

to METER2-2 7/10-CN101

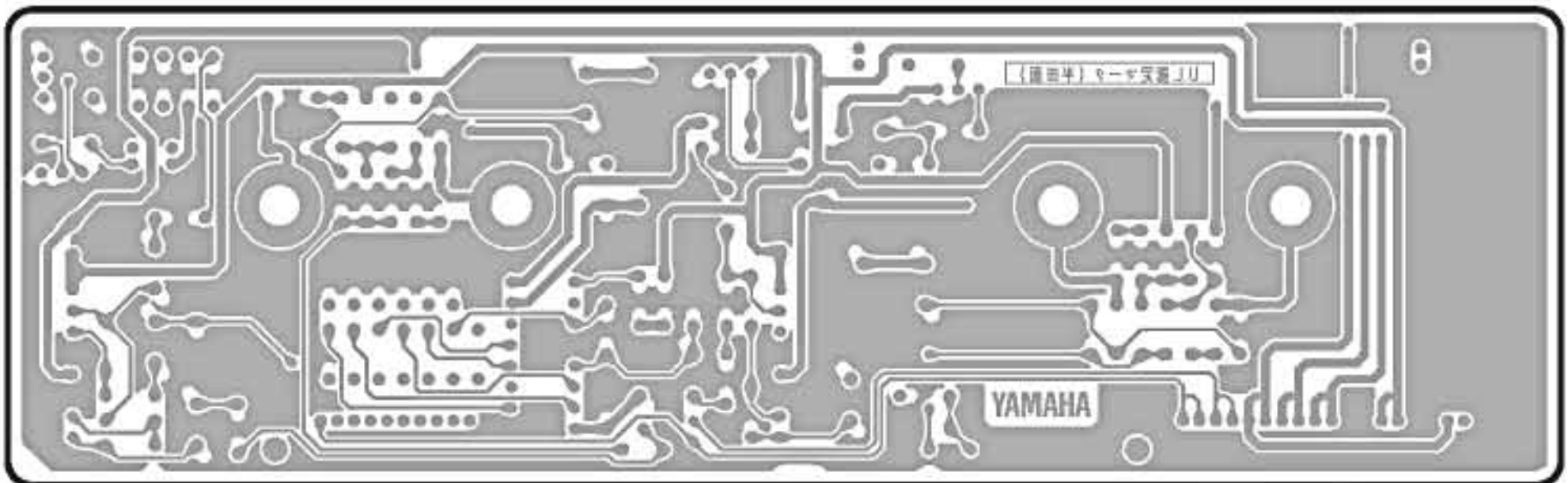
to METER2-2 8/10-CN102

CN103: to METER2-2 9/10-CN103
CN104: to METER2-2 10/10-CN104



to LAMP to SUBIN-CN332

Component side



Pattern side

● METER2-2 7/10 Circuit Board

to METER2-2 6/10-CN101



Component side



Pattern side

● METER2-2 9/10 Circuit Board

to METER2-2 6/10-CN103



Component side



Pattern side

● METER2-2 8/10 Circuit Board

to METER2-2 6/10-CN102



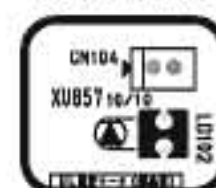
Component side



Pattern side

● METER2-2 10/10 Circuit Board

to METER2-2 6/10-CN104



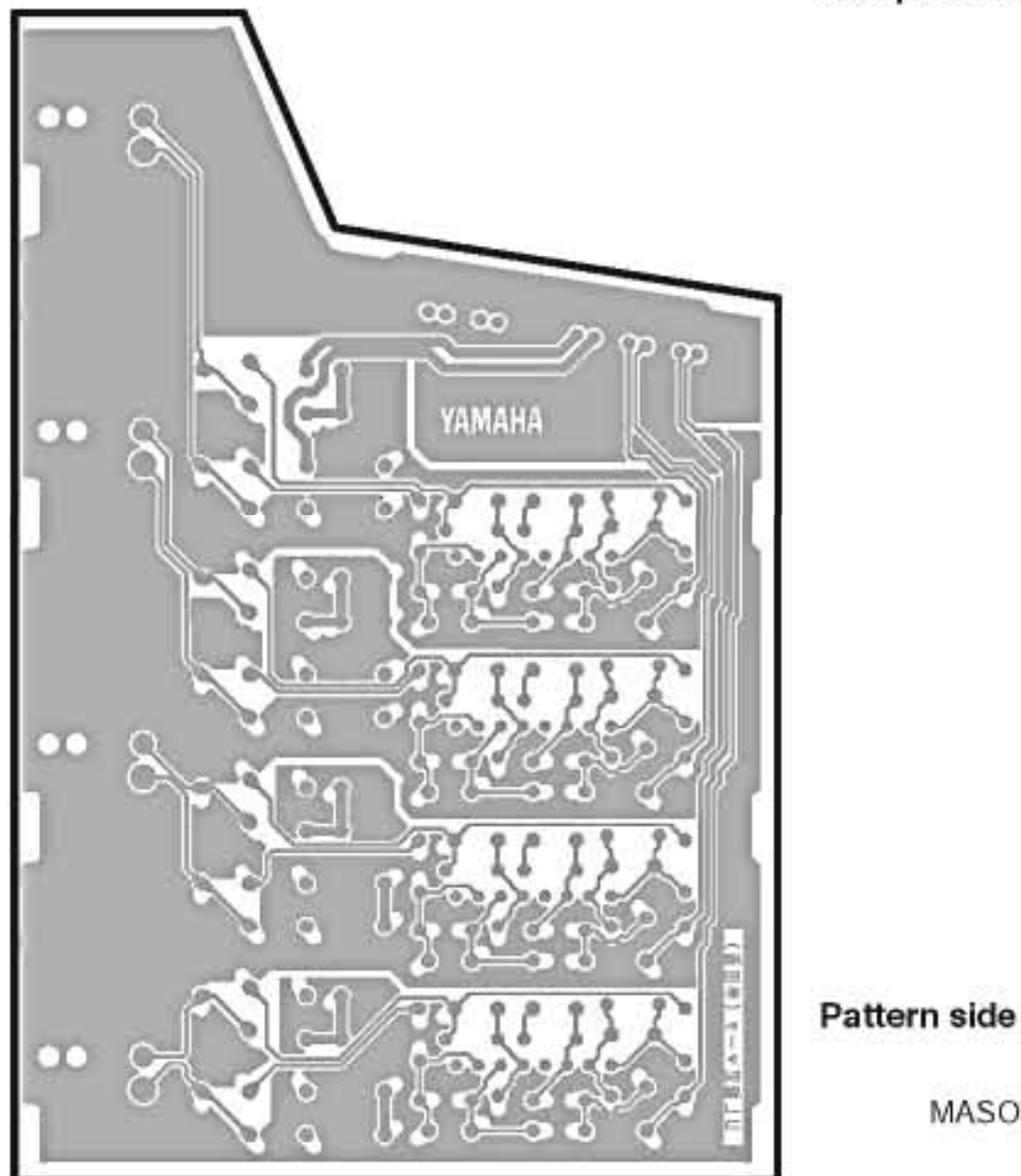
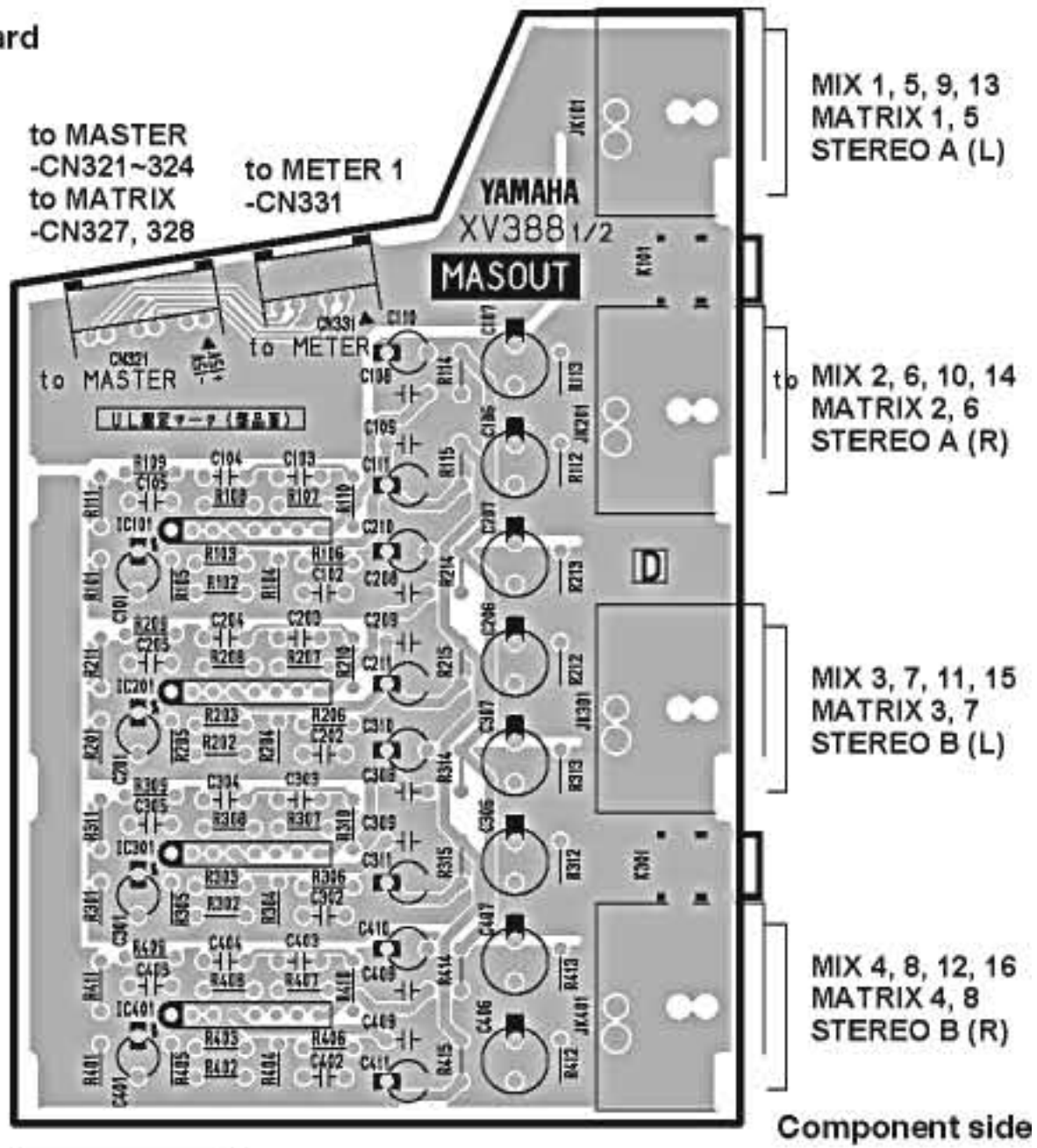
Component side




Pattern side

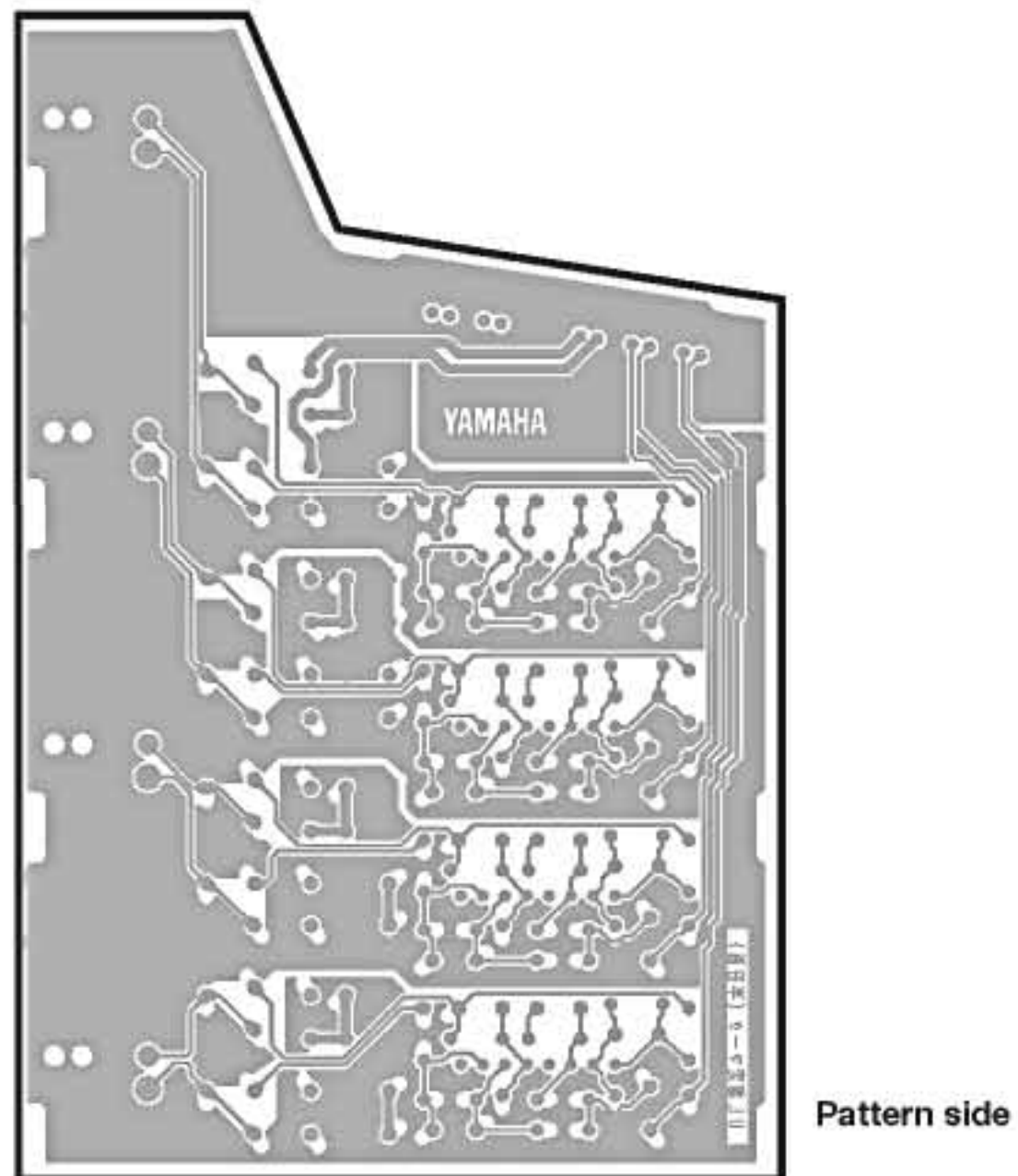
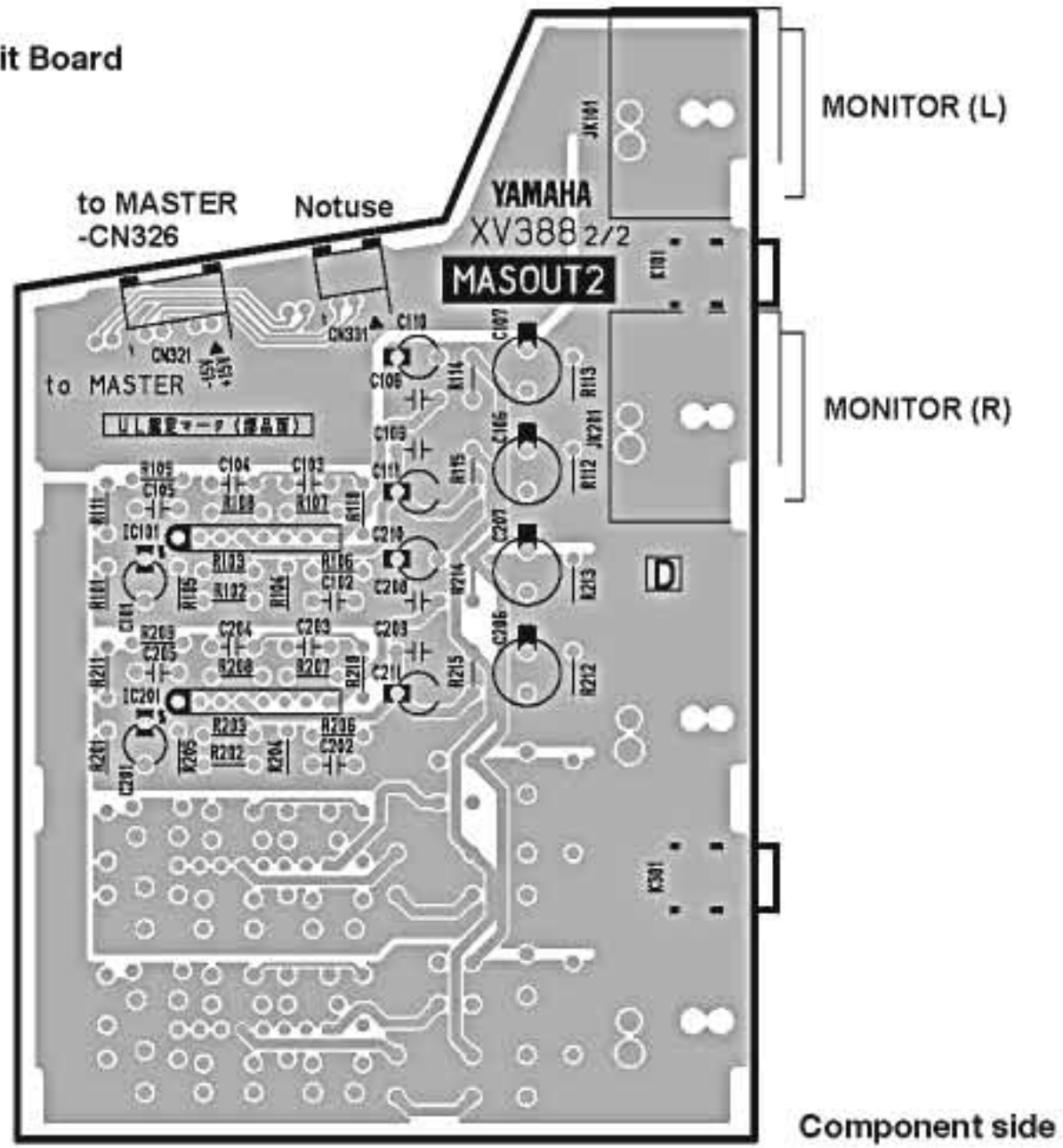
METER2-2; 3NA-V230770 ⚠

● MASOUT Circuit Board



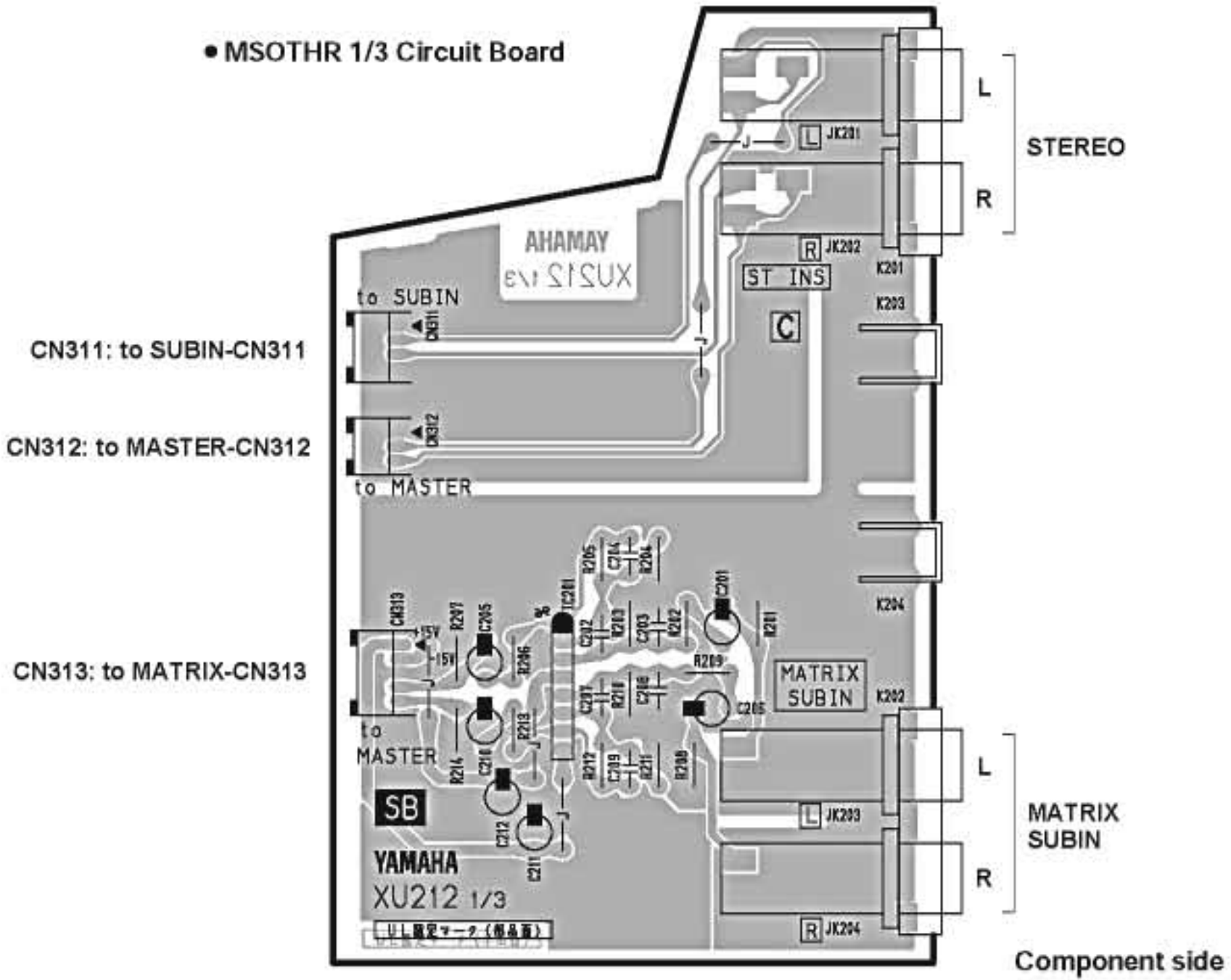
MASOUT: 3NA-V230710 

■ MASOUT2 Circuit Board

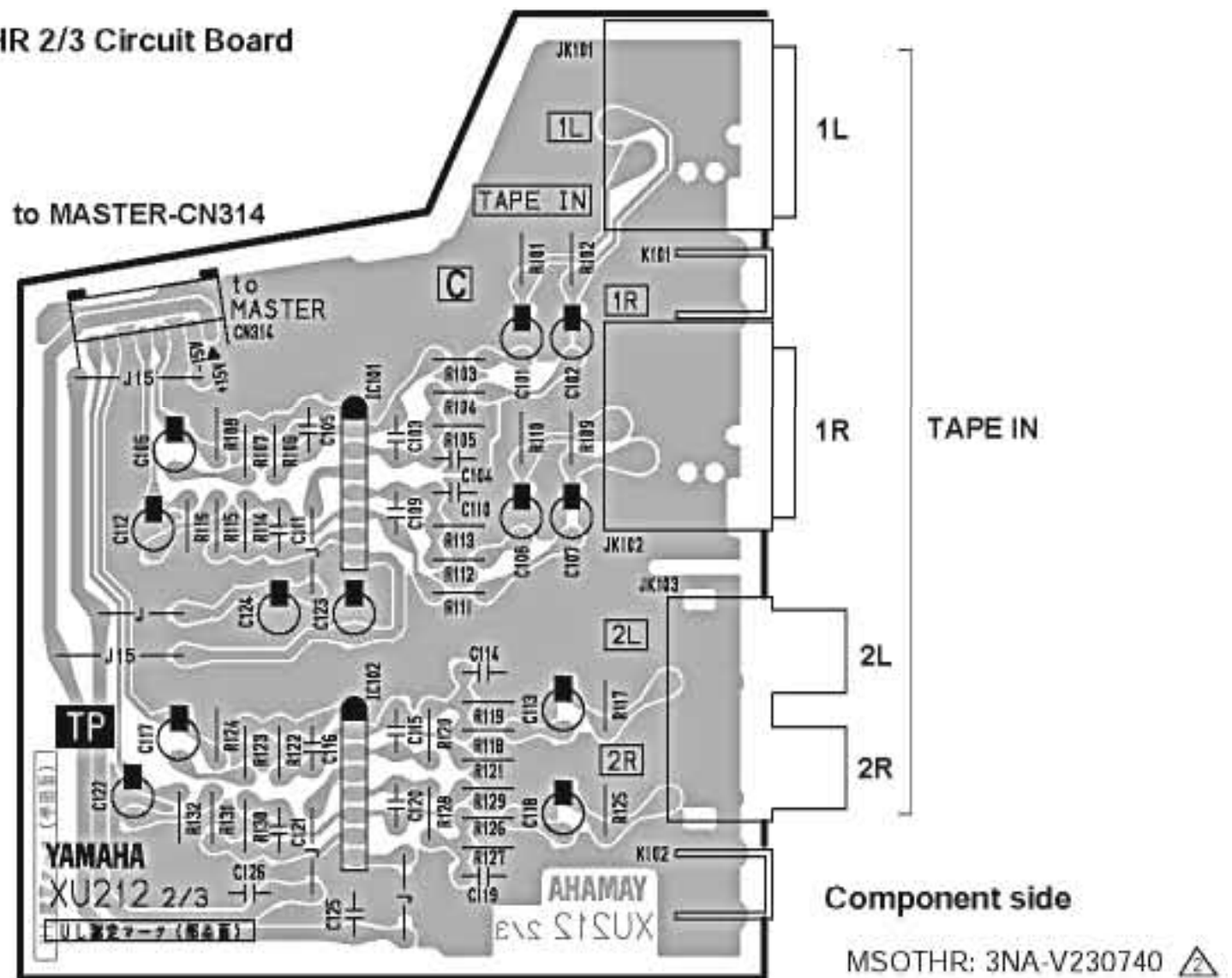


MASOUT2: 3NA-V230720

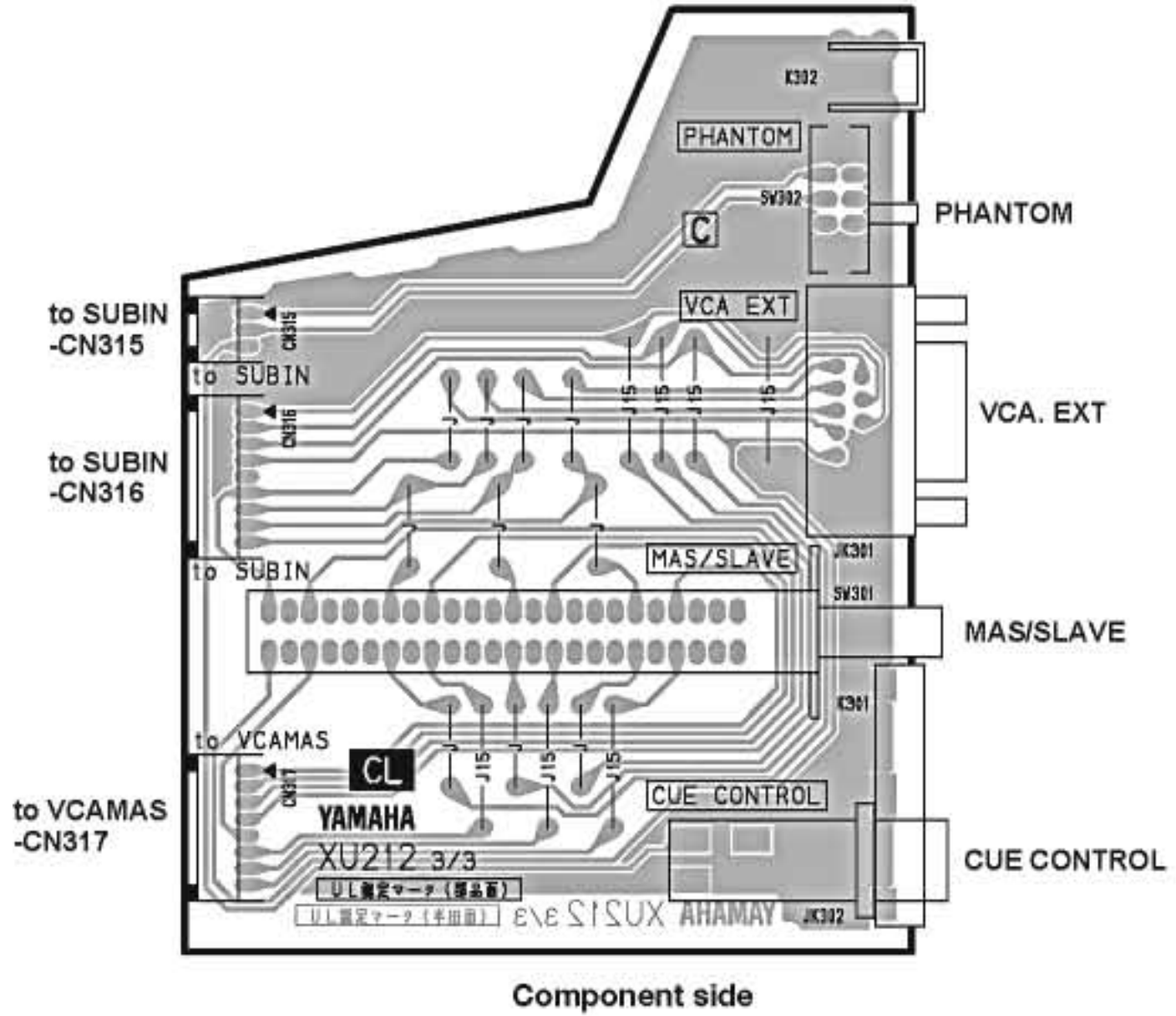
● MSOTHR 1/3 Circuit Board



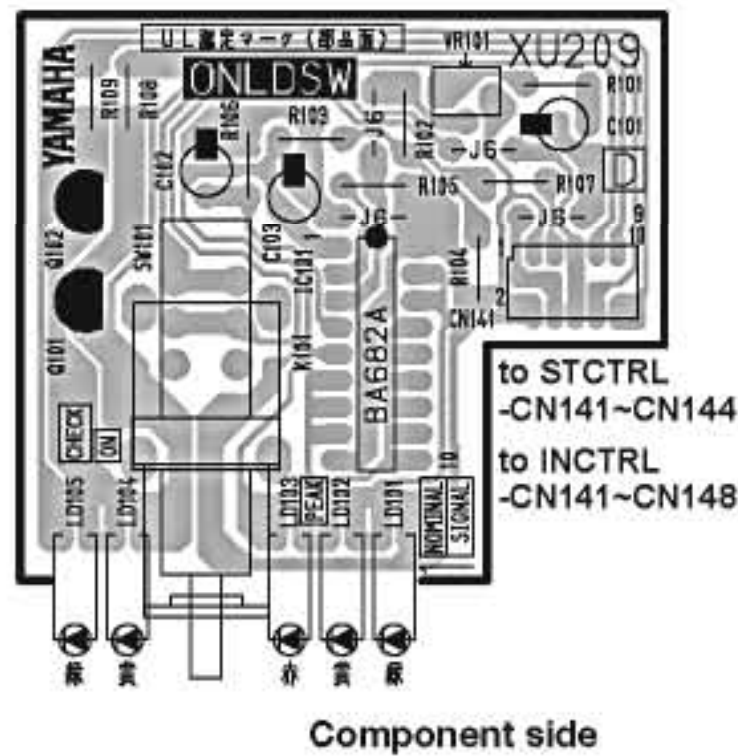
● MSOTHR 2/3 Circuit Board





● MSOTHR 3/3 Circuit Board



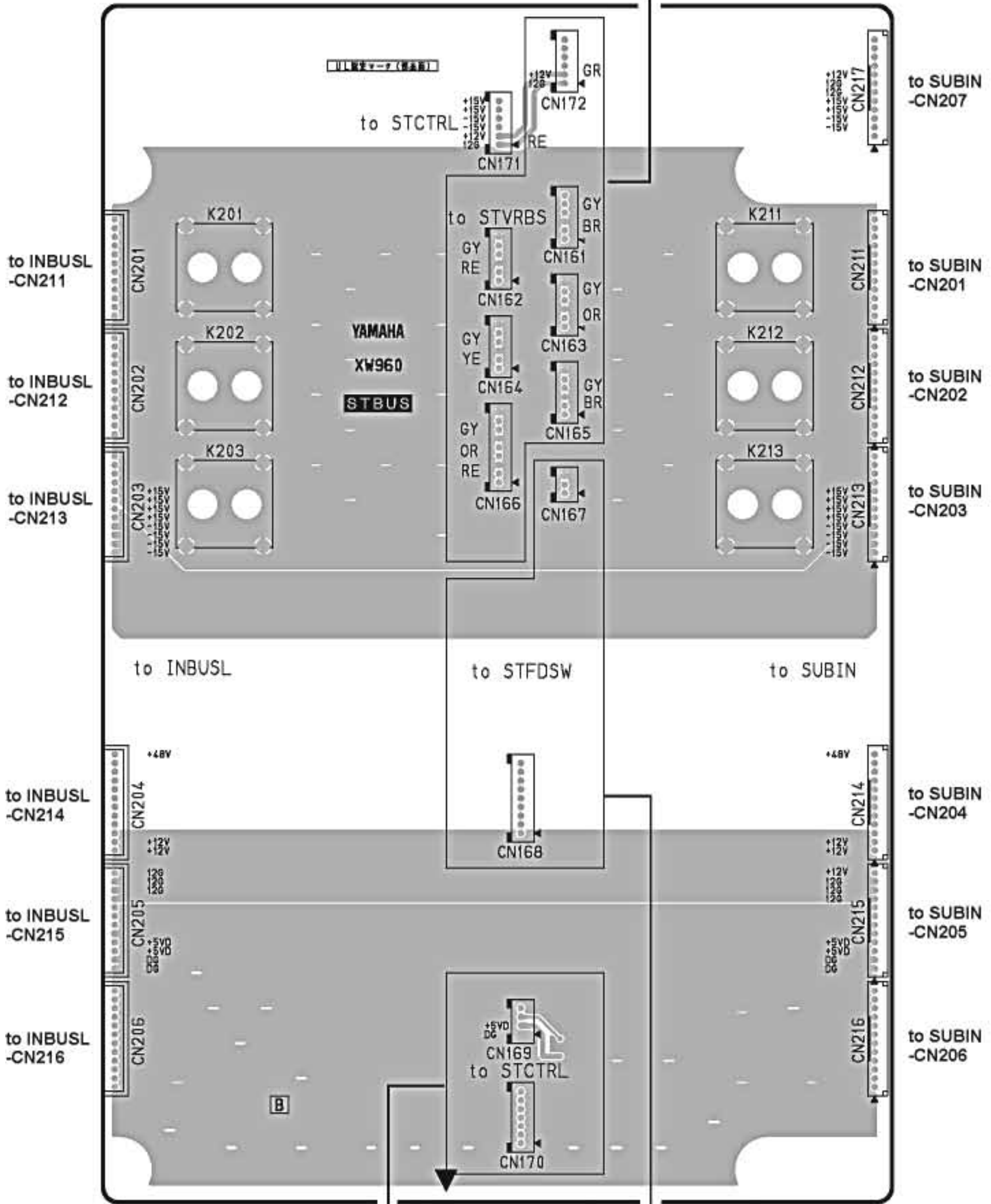
● ONLDSW Circuit Board



MSOTHR: 3NA-V230740 
 ONLDSW: 3NA-V230700 

● STBUS Circuit Board

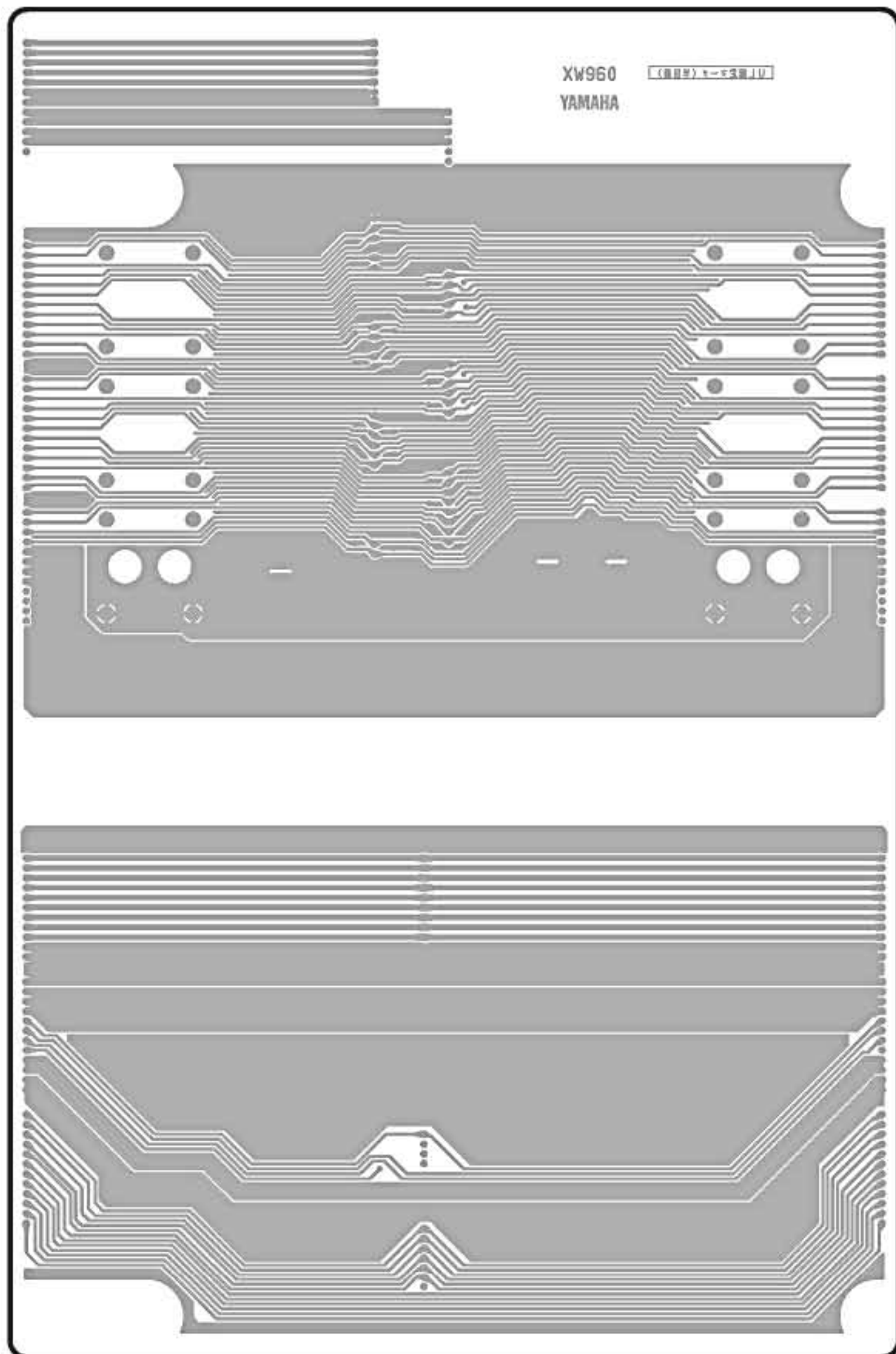
CN171: to STCTRL-CN171 CN164: to STCRBS-CN164
 CN161: to STVRBS-CN161 CN165: to STVRBS-CN165
 CN162: to STVRBS-CN162 CN166: to STVRBS-CN166
 CN163: to STVRBS-CN163 CN172: to STVRBS-CN172



CN169: to STCTRL-CN169 CN167: to STFDSW-CN167
 CN170: to STCTRL-CN170 CN168: to STFDSW-CN168

Component side

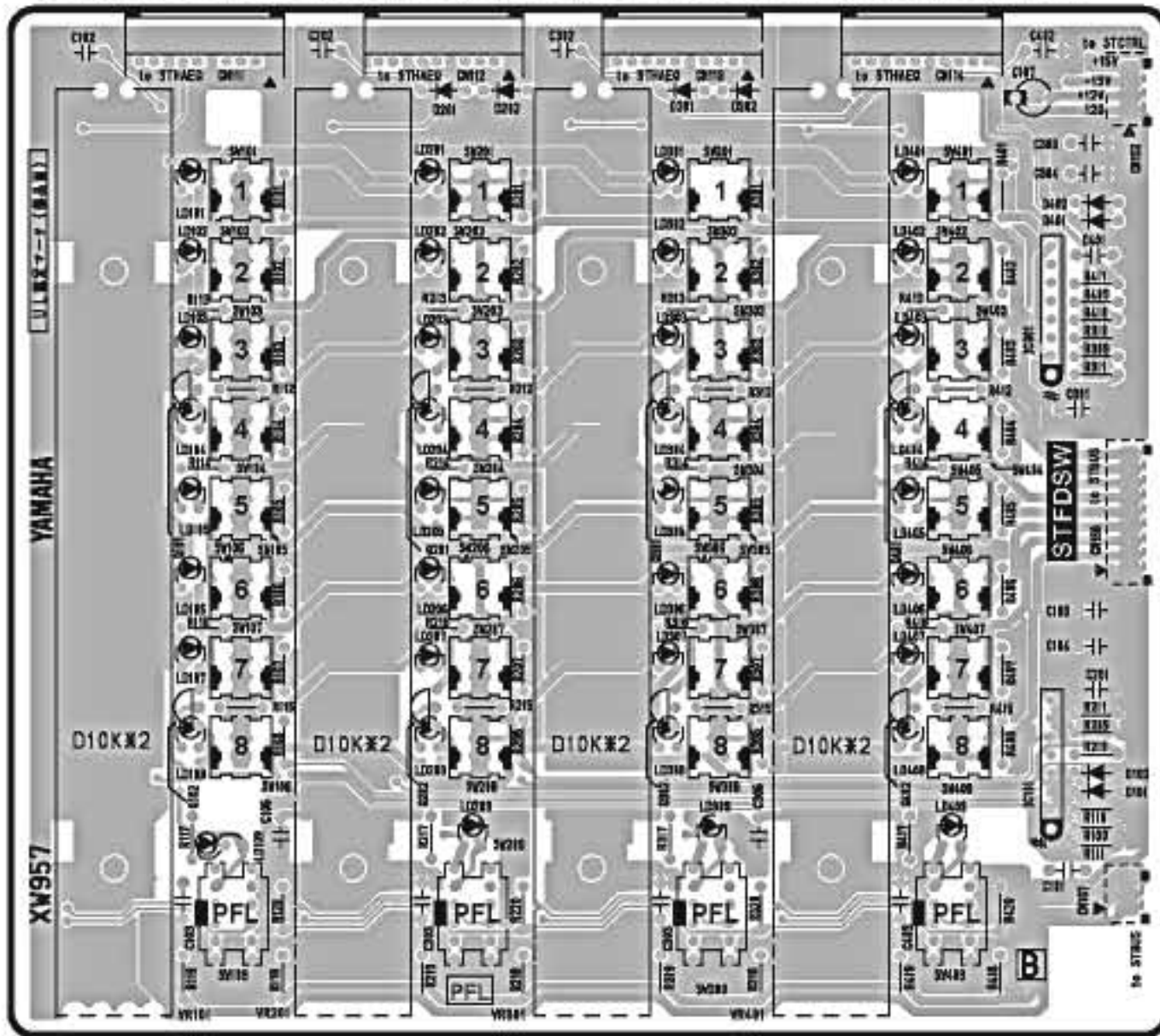
STBUS: 3NA-V476880



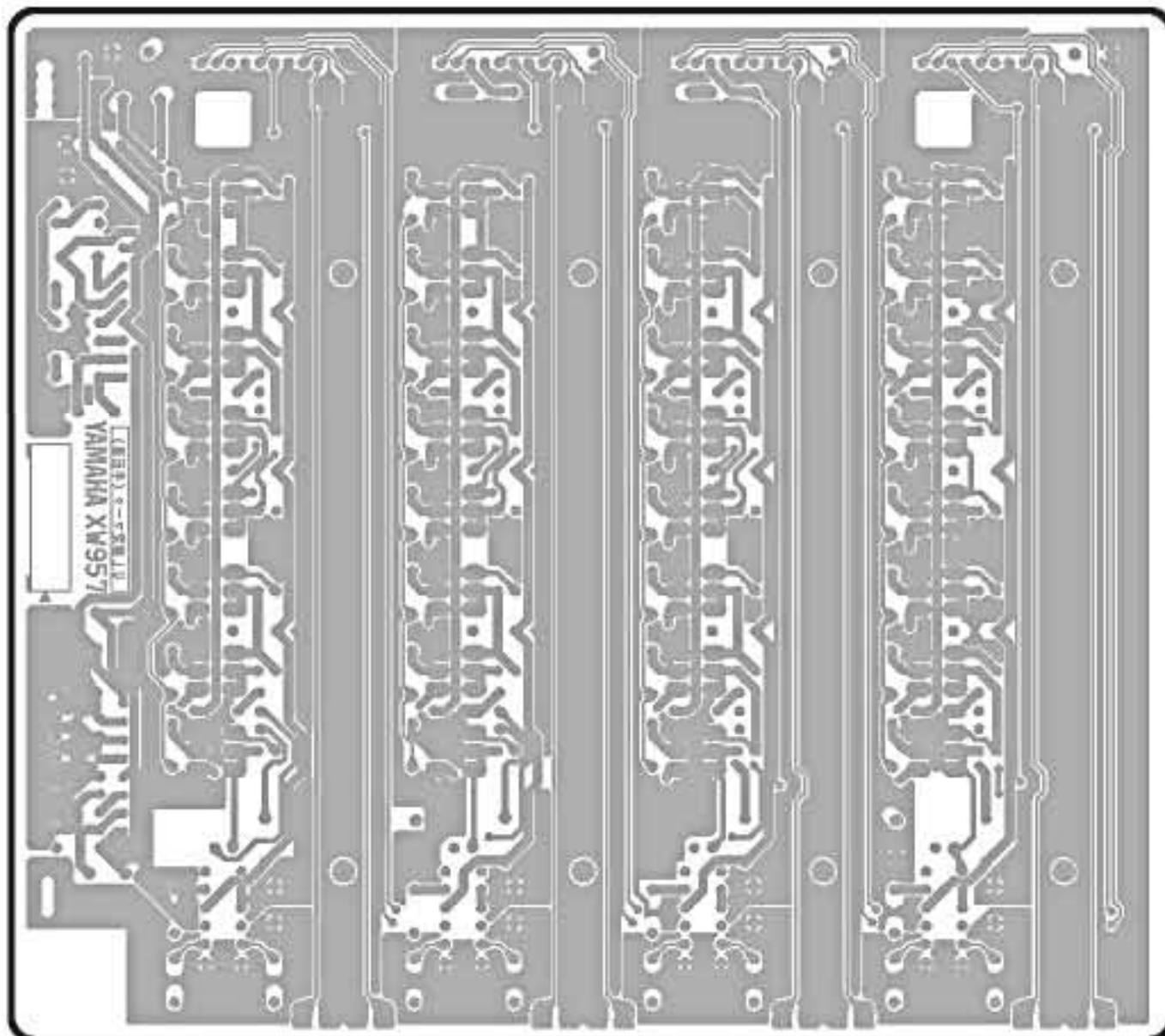
Pattern side

● STFDSW Circuit Board

to STHAEQ-CN111 to STHAEQ-CN111 to STHAEQ-CN111 to STHAEQ-CN111



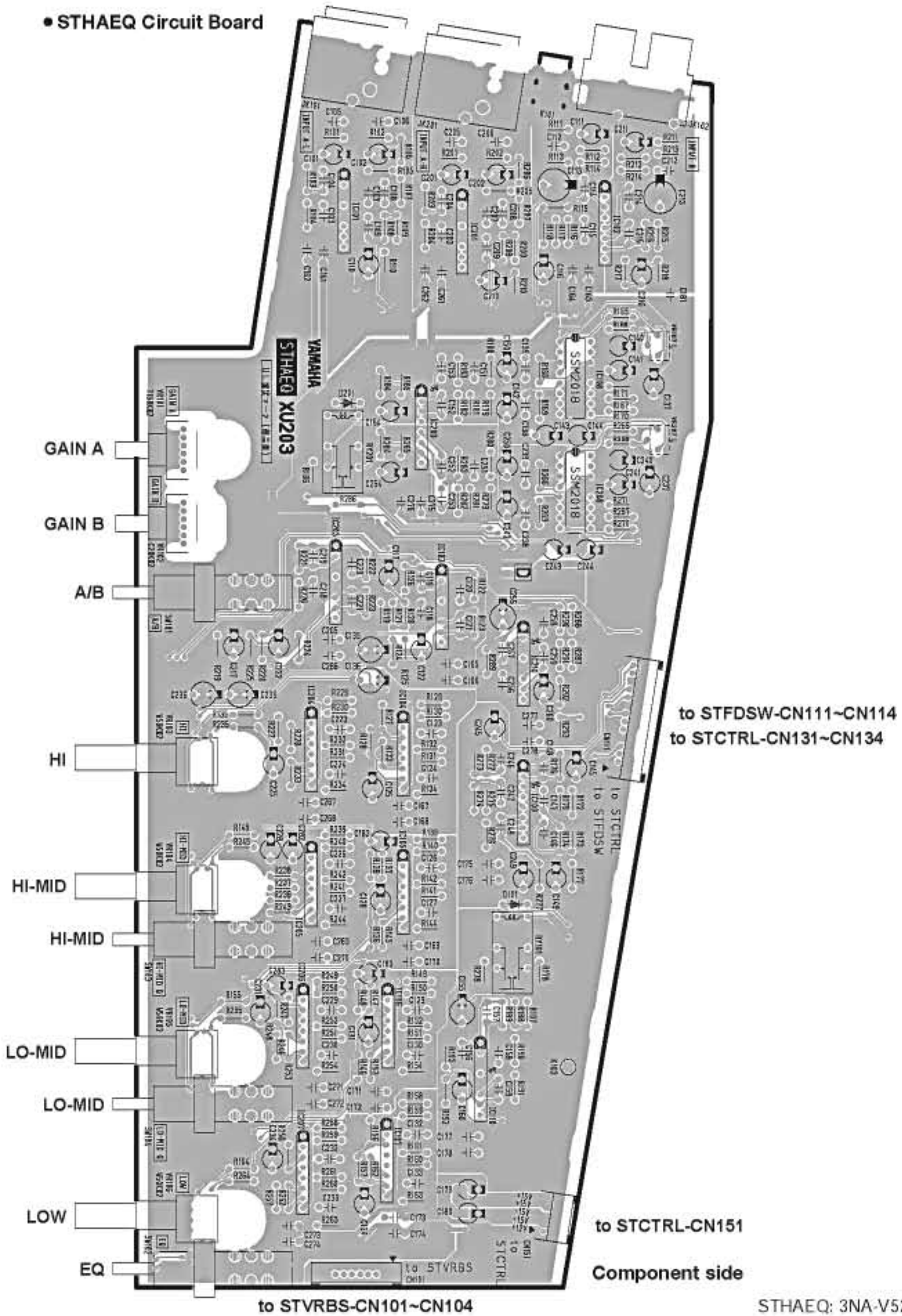
Component side

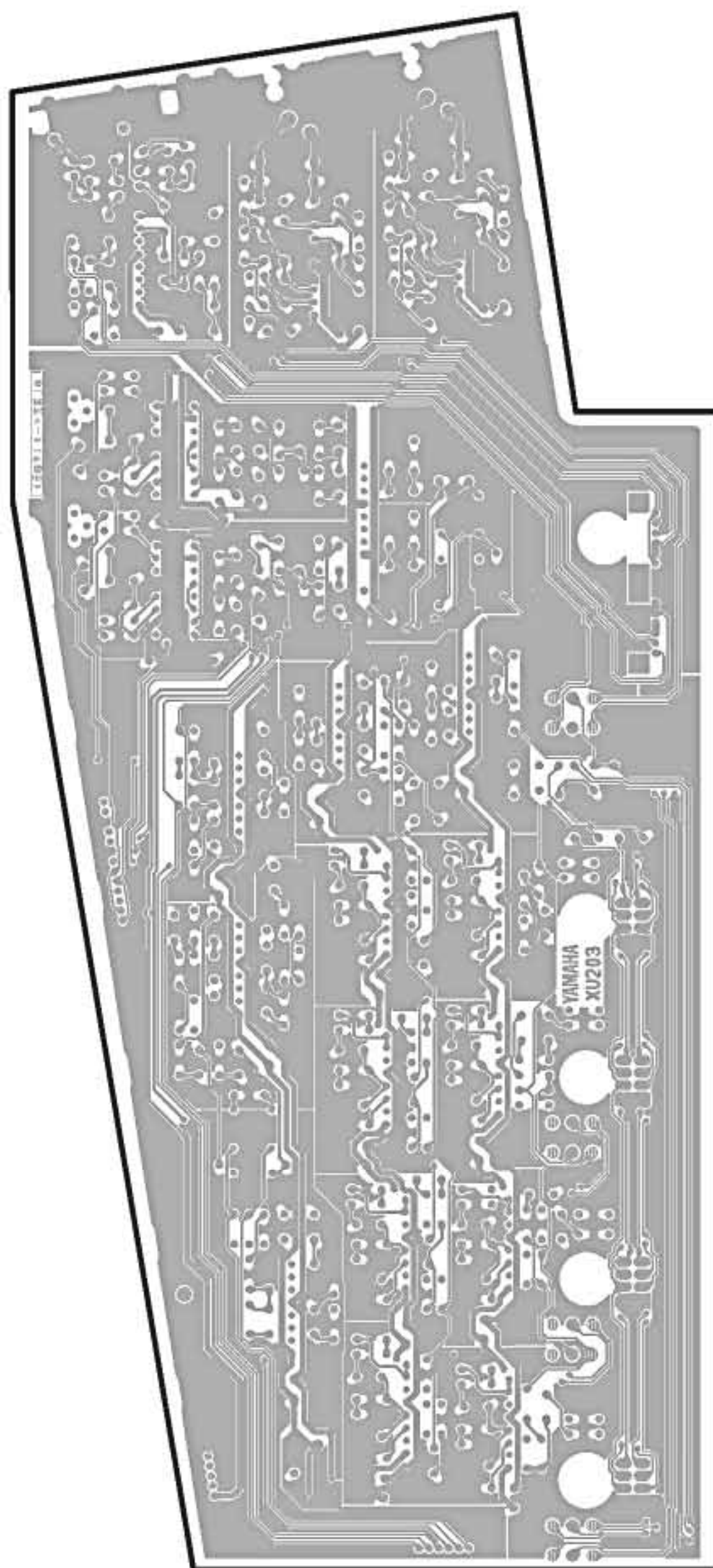


Pattern side

STFDSW:
3NA-V476830

● STHAEQ Circuit Board

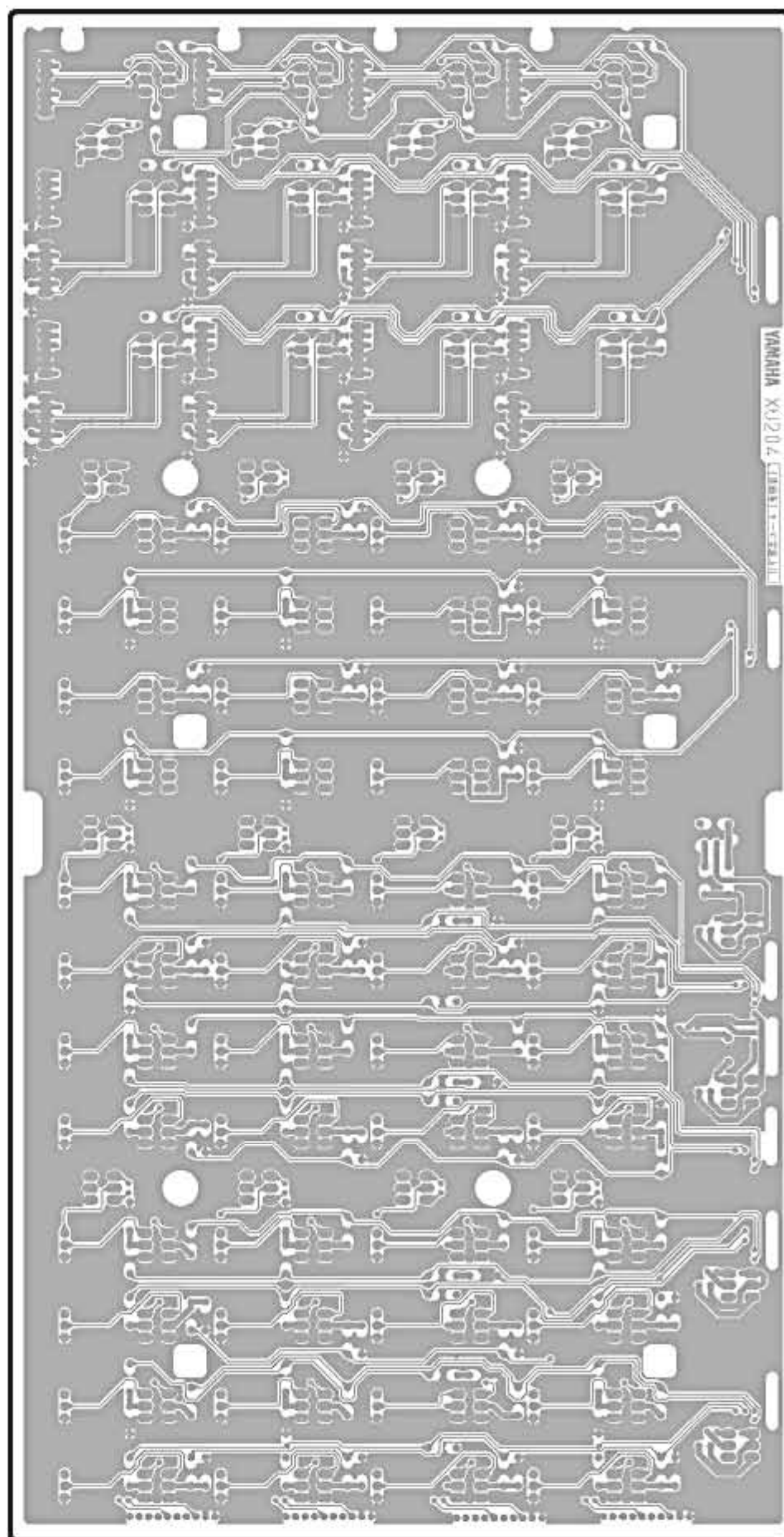




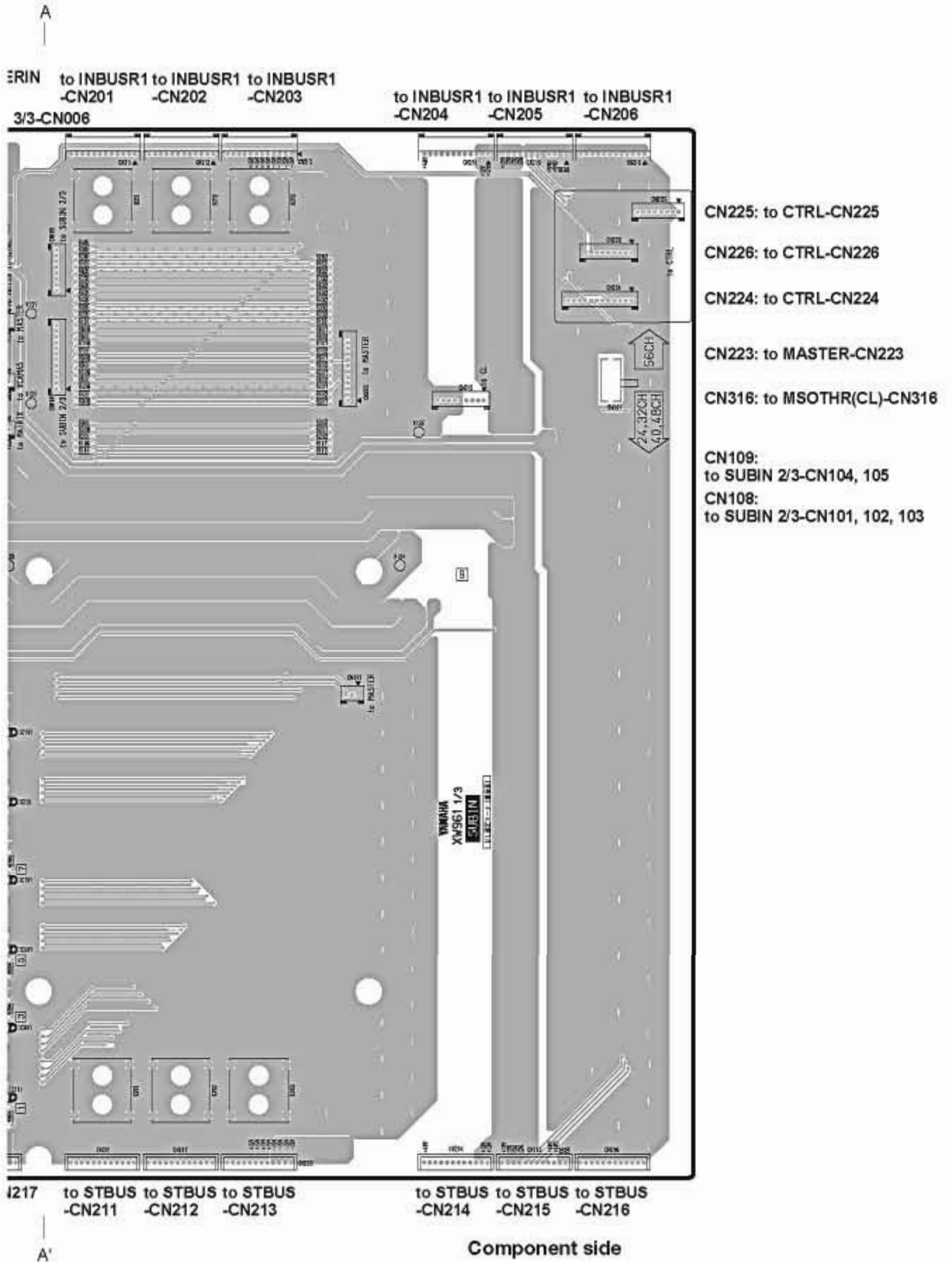
Pattern side

● STVRBS Circuit Board

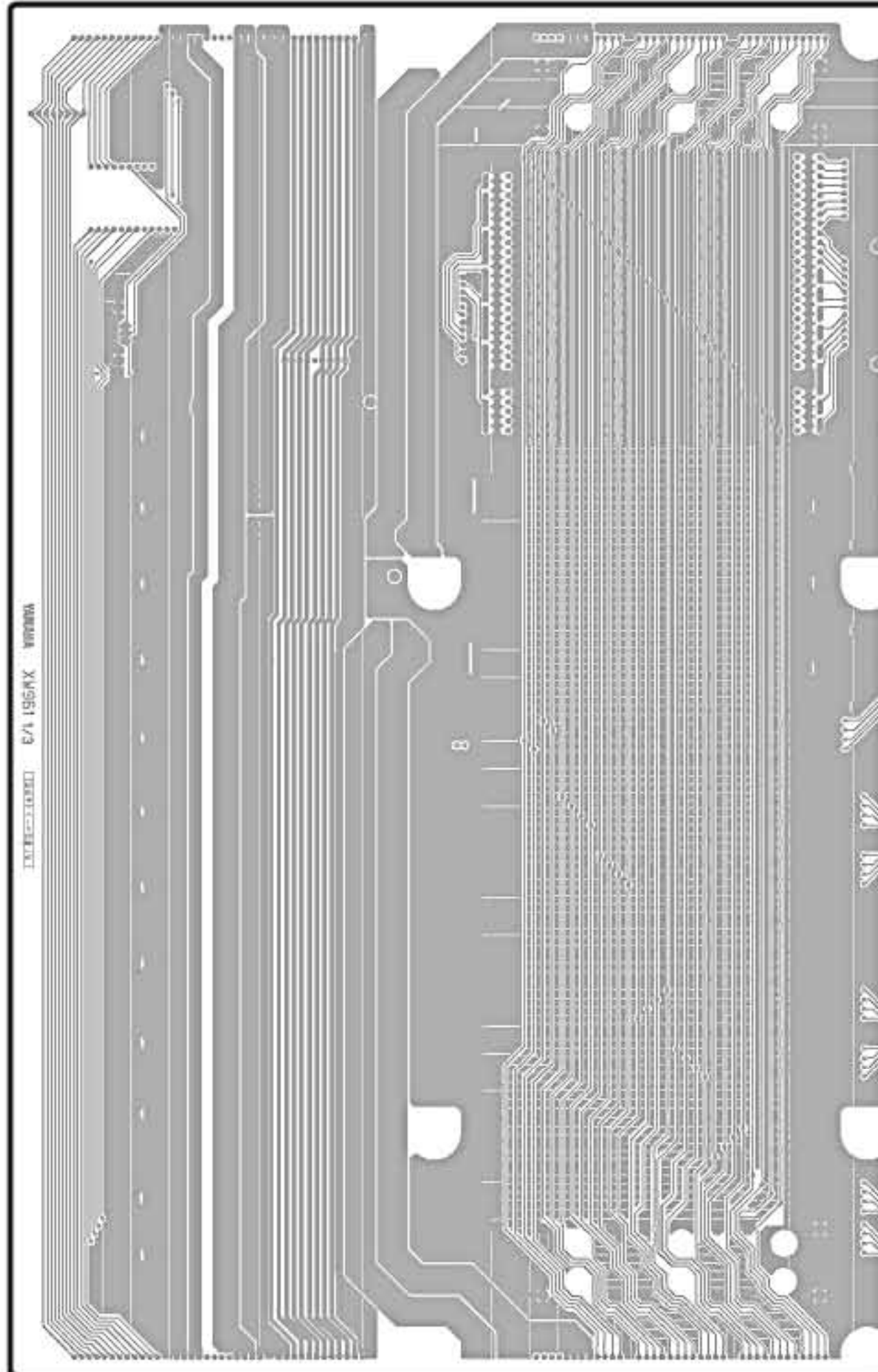


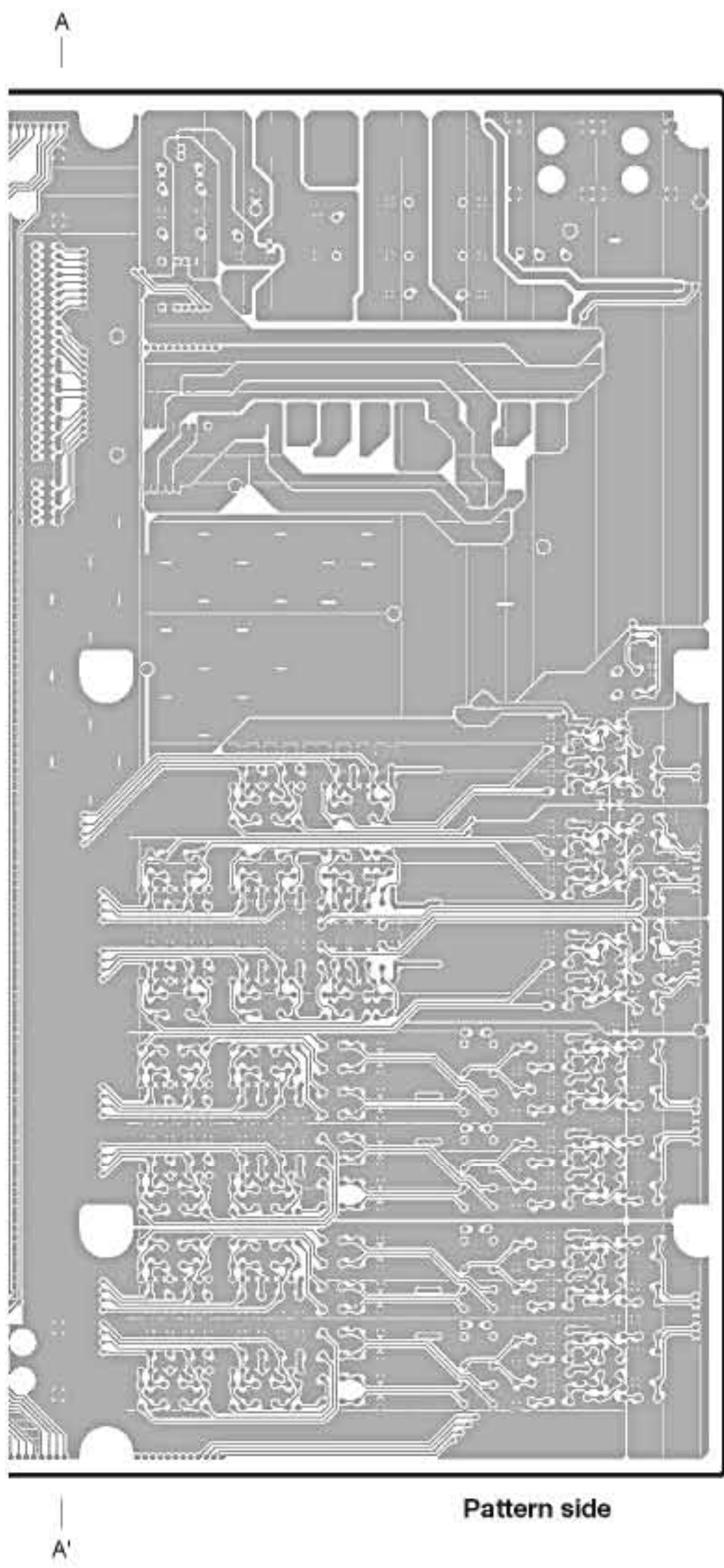


Pattern side

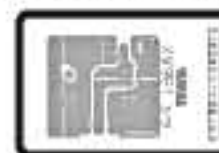


● SUBIN 1/3 Circuit Board



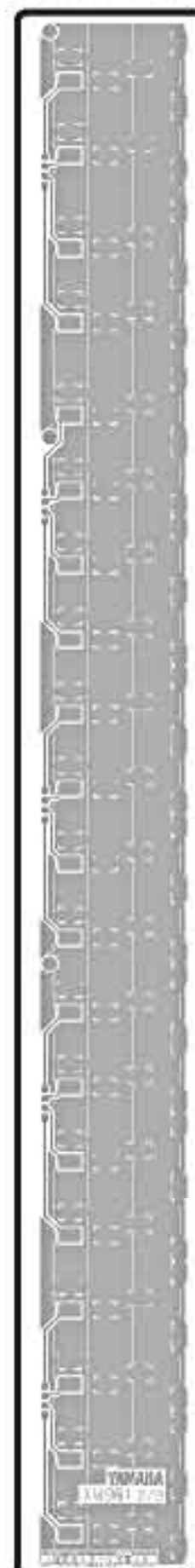


● SUBIN 3/3 Circuit Board



Pattern side

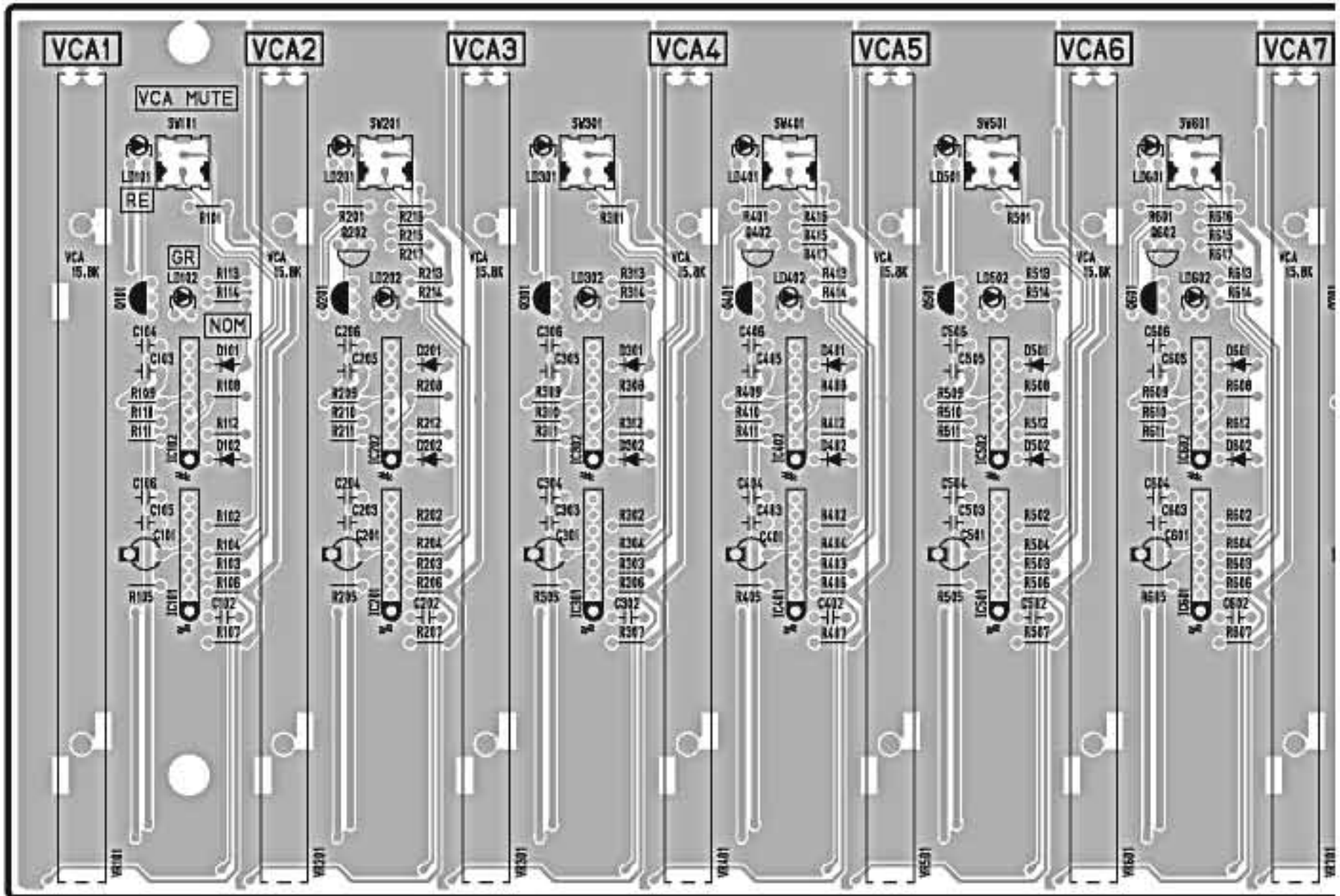
● SUBIN 2/3 Circuit Board



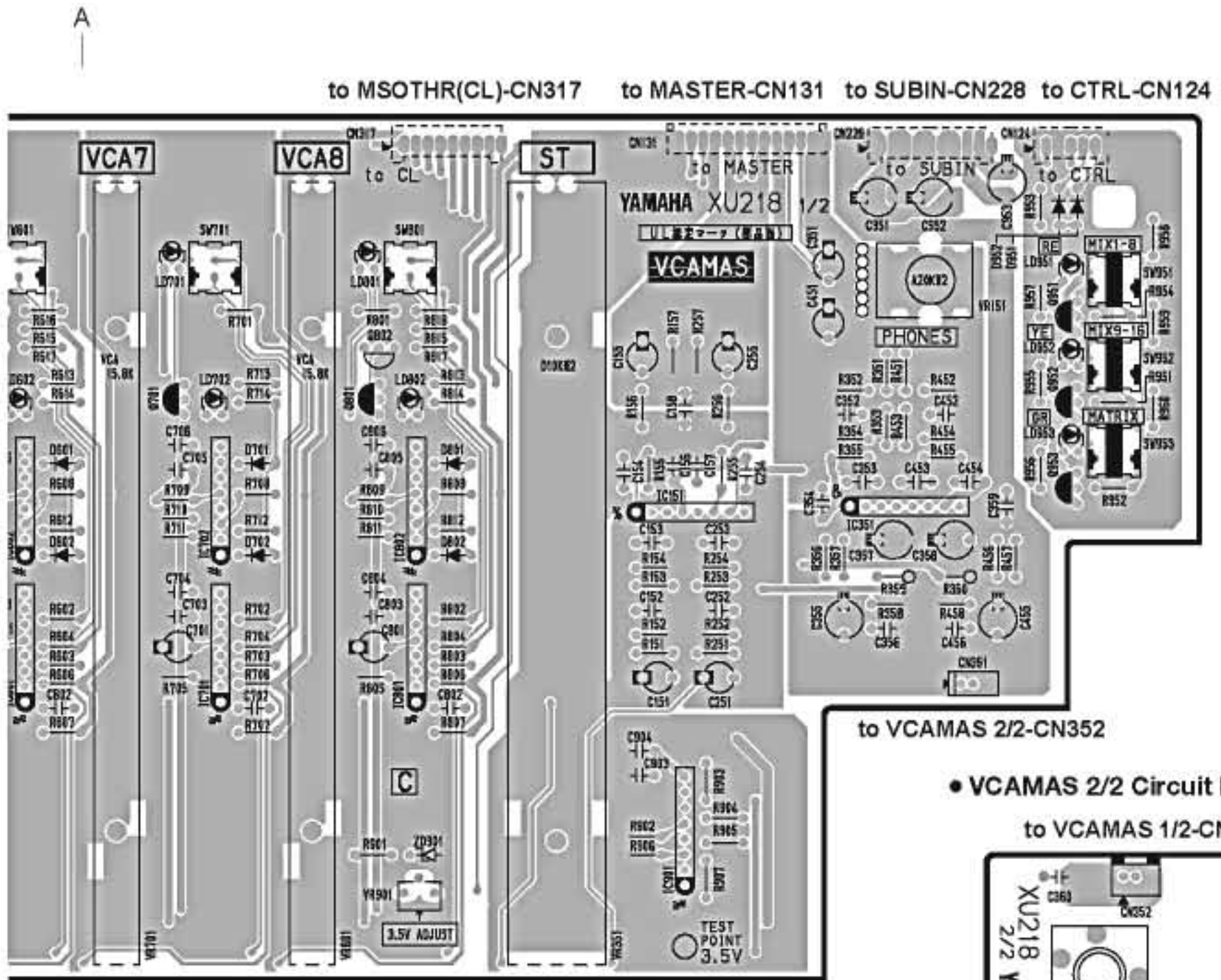
Pattern side

● VCAMAS 1/2 Circuit Board

A
↑



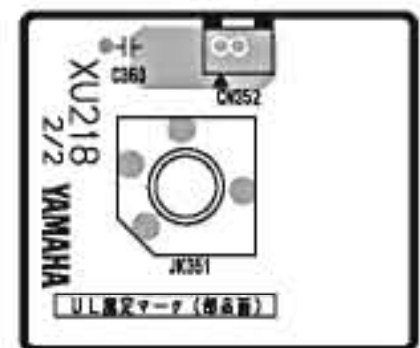
A'
↓



Component side

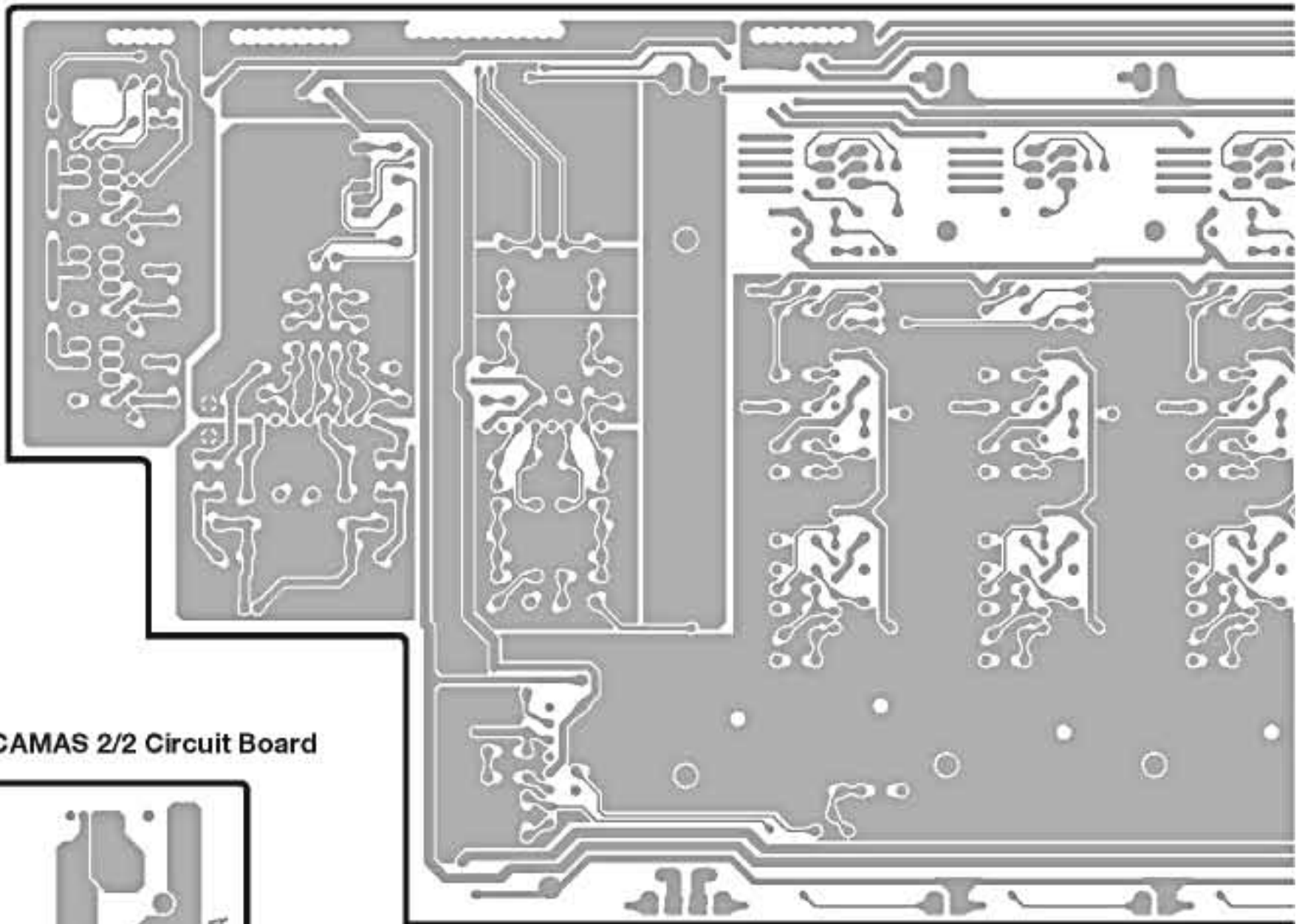
to VCAMAS 2/2-CN352

- VCAMAS 2/2 Circuit Board
- to VCAMAS 1/2-CN351



Component side

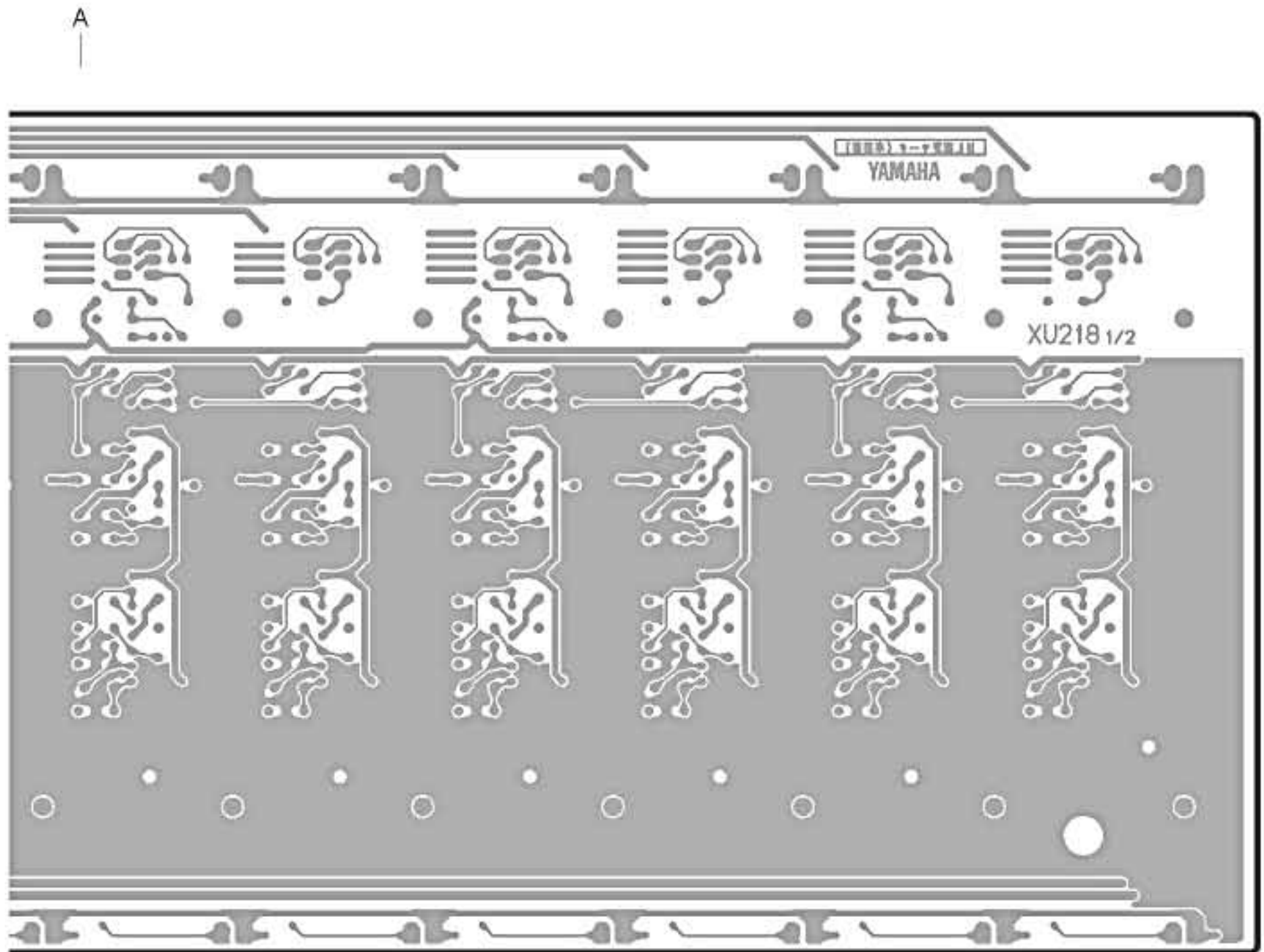
● VCAMAS 1/2 Circuit Board



● VCAMAS 2/2 Circuit Board



Pattern side



Pattern side

A'

■ INSPECTIONS

1. PREPARATIONS

- Connect the M3000 and the PW3000MA via the supplied DC power supply cable.
- Activate the test program and execute the channel version settings. (Refer to the TEST PROGRAM SECTION of this service manual.)
- Unless specified, the applied signal should be a 1 k Hz, -70 dBs sine wave and the impedance of the signal source should be 150 ohms.
- The load resistance of each output terminal should be as follows:

PHONES (L, R) OUT	8 ohms (greater than 5 W)
INSERT OUT	10k ohms
DIRECT OUT	10k ohms
Other output	600 ohms
- The signal level referred to in these specifications is 0 dBs = 0.775 V.
- Unless specified, set the controls and switches as follows:"

1-1. CH INPUT (CH 1 to 24, 32, 40, 56), ST CH INPUT (CH 1~4)

+48V switch (CH INPUT)	OFF
GAIN Trim (CH INPUT)	MAX (-60 dB)
26 dB switch (CH INPUT)	OFF (0 dB)
∅ switch (CH INPUT)	OFF (NORMAL)
INPUT A GAIN Trim (ST CH INPUT)	MAX (-30 dB)
INPUT B GAIN Trim (ST CH INPUT)	MAX (-20 dB)
INPUT A/B Select switch (ST CH INPUT)	OFF (A)
HPF Freq. Control (CH INPUT)	MIN (20 Hz)
HPF ON switch (CH INPUT)	OFF
HI, HI-MID, LO-MID, LO EQ Gain controls"	CENTER
HI, HI-MID, LO-MID, LO EQ Freq. controls (CH INPUT)	MINI
HI-MID, LO-MID EQ Q switches"	OFF (wide)
EQ ON switch	OFF
M1 to M12, M13/M14, M15/M16 Level controls	MAX
M1 to M12, M13/M14, M15/M16 ON switches	ON : during measurement only; OFF : at all other times
M13/M14, M15/M16 PAN controls	M13, M15 (maximum to counterclockwise)
M1 to M4, M5 to M8, M9 to M12, M13 to M16 PRE switches	OFF (POST)
ST PAN control (CH INPUT)	L (maximum to counterclockwise)
ST BAL control (ST CH INPUT)	L (maximum to counterclockwise)
ST ON switch	ON : during measurement only; OFF : at all other times
ON/EDIT switch	Only measuring CH ON, all others OFF
VCA GROUP (1 to 8) switches	OFF
PFL switch	ON : during measurement only; OFF : at all other times
Fader	MAX

1-2 FIX

M1-M2, M3-M4, M5-M6, M7-M8 VARIABLE/FIX switches	OFF(VARIABLE)
--	---------------

1-3 MIX(1~12, 13/14, 15/16) OUT

TO MATRIX switch	ON : during measurement only; OFF : at all other times
PAN control (MIX 1 to 12)	L (maximum to counterclockwise)
BAL control (MIX13/14, 15/16)	L (maximum to counterclockwise)
TO STEREO switch	ON : during measurement only; OFF : at all other times
ON/ EDIT switch	ON : during measurement only; OFF : at all other times
Fader	MAX
AFL switch	ON : during measurement only; OFF : at all other times

1-4 STEREO A (L, R) OUT

TO MATRIX switch	ON : during measurement only; OFF : at all other times
ON/ EDIT switch	ON : during measurement only; OFF : at all other times
AFL control	ON : during measurement only; OFF : at all other times
Fader	MAX

1-5 STEREO B (L, R) OUT

LEVEL control
ON switch
AFL control

MAX
ON : during measurement only; OFF : at all other times
ON : during measurement only; OFF : at all other times

1-6 MATRIX (1 to 8) OUT

M1 to M16 Mix level controls
STEREO A L, STEREO A R Mix level controls
SUB IN L, SUB IN R Mix level controls
ON switch
LEVEL control
AFL control

MAX for measuring CH only, MIN for all others
MAX for measuring CH only, MIN for all others
MAX for measuring CH only, MIN for all others
ON : during measurement only; OFF : at all other times
MAX
ON : during measurement only; OFF : at all other times

1-7 VCA (1 to 8) MASTER

VCA MUTE switch
Fader

ON : during measurement only; OFF : at all other times
MAX

1-8 TALKBACK/ OSCILLATOR

AFL switch
M1-2 to M13-16 and ST assign switches
PINK/ 10 k Hz/ 1 k Hz/ 100 Hz and OFF Select switches
LEVEL control
ON switch

ON : during measurement only; OFF : at all other times
ON : during measurement only; OFF : at all other times
ON : during measurement only; OFF : at all other times
MAX
ON : during measurement only; OFF : at all other times

1-9 MONITOR (L, R) OUT

MASTER PFL switch
L+R switch
2 TR IN 1/2 Select switch
2 TR IN ON switch
LEVEL control
ON switch

OFF (AFL)
OFF (stereo)
OFF (2TR IN1)
OFF (STEREO A OUT)
MAX
ON : during measurement only; OFF : at all other times

1-10 PHONES (L, R) OUT

LEVEL control

MAX for measuring CH only, MIN for all others

1-11 METER SEL

M1-M8/ M9-M16/ MATRIX Select switches

M1-M8

1-12 SCENE MEMORY

UTILITY switch
RECALL switch
STORE switch
CHECK switch
0 to 9 and ENTER, Δ (+1), ∇ (-1) switches
DIRECT RECALL (1 to 8) switches

OFF
OFF
OFF
OFF
OFF
N/A

1-13 Others

PHANTOM MASTER switch
VCA MASTER/ SLAVE switch

OFF
MASTER

1-14 Measuring equipment

- The output impedance of the oscillator connected to the balanced input terminal is 150 ohms with the balanced type.
- The output impedance of the oscillator connected to the unbalanced input terminal should be less than 10 ohms.
- The input impedances of the oscilloscope and the level meter should be more than 100 k ohms.
- The noise level should be measured by using a 12.7 k Hz, -6 dB/ Oct. low-pass filter.
- The measuring instruments are required to be the balanced input type. If an only an unbalanced impedance input type measuring instrument is available, the maximum output level drop of the balance terminal should be taken into consideration.

2. GAIN

In status 1, the output levels should be within the range given in Table 2-1 to 2-10.

Table 2-1 Input Terminal CH INPUT (1 to 24, 32, 40, 56) Unit [dBs]

Input Level	GAIN	26 dB	PRE	VARIABLE / FIX	MIX (1 to 16) OUT	STEREO A (L, R) OUT	STEREO B (L, R) OUT	MONITOR (L, R) OUT *4
-76	MAX	OFF	OFF	VARIABLE	+14.0 +/- 2.0	+8.0 +/- 2.0	+4.0 +/- 2.0	+6.0 +/- 2.0
			FIX	+8.0 +/- 2.0 *1	—	—	—	—
			ON	VARIABLE	+4.0 +/- 2.0 *2	—	—	—
-50	MAX	ON	OFF	VARIABLE	+14.0 +/- 2.0 *3	—	—	—
-32	MIN	OFF			+14.0 +/- 2.0 *3	—	—	—

- *1 Measuring the MIX (1 to 8) OUT should be performed.
- *2 Measuring can be performed from either one of the output terminals of the MIX (1 to 4; 5 to 8; 9 to 12; 13 to 16; PRE) OUT.
- *3 Measuring can be performed from either one of the MIX (1 to 16) OUT terminals.
- *4 When the signal is applied to the MONITOR OUT, you should turn the PLF switch "ON."
- *5 When the signal is applied to the MIX (14, 16), STEREO A (R) and the STEREO B (R) OUT, you should turn each PAN control clockwise to the maximum position."

- The difference in levels between the CH INPUT (1 to 24, 32, 40, 56) of each output should be less than 2 dB.
- The difference in levels between the MIX (1 to 16) OUT, STEREO A (L, R) OUT, STEREO B(L, R) OUT and MONITOR (L, R) OUT should be less than 2 dB.

Table 2-2 Input Terminal CH INPUT/CH INSERT IN (1 to 24, 32, 40, 56) Unit [dBs]

Input Terminal	Input Level	GAIN	26 dB	CH INSERT OUT	CH DIRECT OUT	STEREO A (L) OUT
CH INPUT	-16	MIN	OFF	0.0 +/- 2.0	+10.0 +/- 2.0	—
CH INSERT IN	-10	—	—	—	—	+14.0 +/- 2.0

- The difference in levels between the CH (1 to 24, 32, 40, 56) of each output should be less than 2 dB.

Table 2-3 Input Terminal ST CH INPUT (1 to 4) Unit [dBs]

Input Terminal	Input Level	GAIN	A / B	PRE	VARIABLE / FIX	MIX (1 to 12) OUT	MIX (13 to 16) OUT	STEREO A (L, R) OUT	STEREO B (L, R) OUT
A	-46	MAX	A	OFF	VARIABLE	+11.0 +/- 2.0	+14.0 +/- 2.0	+8.0 +/- 2.0	+6.0 +/- 2.0
				FIX	+8.0 +/- 2.0 *1	—	—	—	
	-6	MIN		ON	VARIABLE	+1.0 +/- 2.0 *2	+4.0 +/- 2.0 *2	—	—
				OFF	—	+11.0 +/- 2.0 *3	—	—	
B	-36	MAX	OFF	VARIABLE	+11.0 +/- 2.0 *3	—	—	—	
	-6	MIN			+11.0 +/- 2.0 *3	—	—	—	

- *1 Measuring of the MIX (1 to 8) OUT should be performed.
- *2 Measuring can be performed from either one of the output terminal's of the MIX (1 to 4; 5 to 8; 9 to 12; 13 to 16; PRE) OUT.
- *3 Measuring can be performed from either one of the MIX (1 to 12) OUT.
- *4 When the signal is applied to the MONITOR OUT, you should turn the PFL switch "ON."
- *5 When the signal is applied to the MIX (1,3,5,7,9,11,13,15), STEREO A (L) and MONITOR (L) OUT, the signal should be input from the left input terminal.
When the signal is applied to the MIX (2,4,6,8,10,12,14,16), STEREO A (R) and MONITOR (R) OUT, the signal should be input from the right input terminal.
The input terminal where a signal is not input should be short-circuited with 150 ohms.
- *6 When the signal is applied to the MIX (14, 16) and STEREO A (R) you should turn the BAL control clockwise to the maximum position.

- The difference in levels between the ST CH INPUT (1 to 4) of each output should be less than 2 dB.
- The difference in levels between the MIX (1 to 16) OUT, STEREO A (L, R) OUT, and MONITOR (L, R) OUT should be less than 2 dB.

Table 2-4 Input Terminal SUB IN (MIX1 to MIX16, STEREO (L/ R)) Unit [dBs]

Input Terminal	Input Level	VARIABLE/FIX	MIX (1 to 16) OUT	STEREO A (L, R) OUT
MIX (1 to 16) SUB IN	+4	VARIABLE	+14.0 +/- 2.0	—
MIX (1 to 8) SUB IN		FIX	+14.0 +/- 2.0	—
STEREO (L, R) SUB IN		—	—	+14.0 +/- 2.0

- The difference in level between the MIX (1 to 16) OUT and the STEREO A (L, R) OUT should be less than 2 dB.

Table 2-5 Input Terminal SUB IN (MIX1 to MIX16, STEREO L, R) Unit [dBs]

Input Terminal	Input Level	MASTER INSERT OUT	
		MIX (1 to 16)	STEREO (L, R)
MIX (1 to 16) SUB IN	+4	+0.0 +/- 2.0	—
STEREO (L, R) SUB IN		—	+0.0 +/- 2.0

- The difference in level between the MIX (1-16) OUT and the STEREO (L, R) should be less than 2 dB.

Table 2-6 Input Terminal MASTER INSERT IN (MIX1 to MIX16, STEREO L, R) Unit [dBs]

Input Terminal	Input Level	MIX(1 to 16) OUT	STEREO A (L, R) OUT
MIX (1 to 16) INSERT IN	+0	+14.0 +/- 2.0	—
STEREO (L, R) INSERT IN		—	+14.0 +/- 2.0

- The difference in level between the MIX (1 to 16) OUT and the STEREO (L, R) should be less than 2 dB.

Table 2-7 Input Terminal TALKBACK IN Unit [dBs]

Input Level	MIX (1 to 16) OUT	STEREO A (L, R) OUT
-60	+10.0 +/- 2.0	+10.0 +/- 2.0

- The difference in level between the MIX (1 to 16) OUT and the STEREO (L, R) should be less than 2 dB.*

Table 2-8 Input Terminal SUB IN(MIX, STEREO, CUE) Unit [dBs]

Input Terminal	Input Level	MASTER PFL	MONITOR (L, R) OUT
MIX (1 to 12) SUB IN *3	-6	OFF	+10.0 +/- 2.0
		ON	+0.0 +/- 2.0
MIX (13 to 16) SUB IN *2, *3		OFF	+10.0 +/- 2.0
		ON	+0.0 +/- 2.0
STEREO (L, R) SUB IN *1, *4		OFF	+10.0 +/- 2.0
		ON	+0.0 +/- 2.0
STEREO (L, R) SUB IN *1, *5	OFF	+6.0 +/- 2.0	
CUE (L, R) SUB IN *1, *6	4	—	+10.0 +/- 2.0

*1 When the signal is applied to the MONITOR (L) OUT, the signal should be input from each left input terminal.

When the signal is applied to the MONITOR (R) OUT, the signal should be input from each right input terminal.

*2 When the signal is applied to the MONITOR (L) OUT, the signal should be input from the MIX (13, 15).

When the signal is applied to the MONITOR (R) and PHONES (R) OUT, the signal should be input from the MIX (14, 16).

*3 Turn the AFL switch on at each MIX OUT.

*4 Turn the AFL switch on at STEREO A OUT.

*5 Turn the AFL switch on at STEREO B OUT.

*6 Insert a short plug into the CUE CONTROL terminal.

- The difference in levels between the MONITOR (L, R) OUT should be less than 2 dB.
- The difference in levels between the MIX (1 to 16) SUB IN, STEREO (L, R) SUB IN and the CUE (L, R) SUB IN should be less than 2 dB.

Table 2-9 Input Terminal 2 TR IN (1, 2), STEREO SUB IN Unit [dBs]

Input Terminal *1	Input Level	L + R	2 TR IN ON	2 TR IN 1/2	MONITOR (L, R) OUT	PHONES (L, R) OUT
2 TR IN 1 (L, R)	+4	OFF	ON	1	+10.0 +/- 2.0	-2.5 +/- 2.0
		ON			+7.0 +/- 2.0	—
2 TR IN 2 (L, R)	-7.8	OFF	—	2	+10.0 +/- 2.0	—
STEREO (L, R) SUB IN	-6	—	OFF	—	+10.0 +/- 2.0	—

When the signal is applied to the MONITOR (R) OUT, the signal should be input from the right terminal.

*1 When the signal is applied to the MONITOR (L) and the PHONES (L) OUT, the signal should be input from the left input terminal.

When the signal is applied to the MONITOR (R), and the PHONES (R) OUT, the signal should be input from the right input terminal.

The input terminal where a signal is not input should be short-circuited with 150 ohms.

- The difference in level between the MONITOR (L, R) OUT should be less than 2 dB.
- The difference in level between the 2 TR IN 1 (L, R), 2 TR IN 2 (L, R) and the STEREO (L, R) SUB IN should be less than 2 dB.

Table 2-10 Input Terminal SUB IN (MIX, STEREO, MATRIX)

Unit [dBs]

Input Terminal	Input Level	MASTER PFL (AFL ON) *1	MATRIX (1 to 8) OUT	MONITOR (L, R) OUT
MATRIX (L, R) SUB IN	-2	OFF	+4.0 +/- 2.0	+10.0 +/- 2.0
		ON	—	+4.0 +/- 2.0
MIX (1 to 16) SUB IN	-6	—	+10.0 +/- 2.0	—
STEREO (L, R) SUB IN		—	+10.0 +/- 2.0	—

*1 When measuring the MONITOR OUT, you should turn on the AFL switch of the MATRIX (1 to 8) OUT.

- The difference in levels between the MATRIX (1 to 8) OUT and the MONITOR (L, R) OUT should be less than 2 dB.
- The difference in levels between the MATRIX (L, R) SUB IN, MIX (1 to 16) SUB IN and STEREO (L, R) SUB IN should be less than 2 dB.

3. FREQUENCY CHARACTERISTICS

- If the applied signal frequencies are 20 Hz and 20 k Hz in status 2 of the gain measurement, the output level of each output terminal should be within the range of +0.5 dB -3.0 dB with 1 k Hz used as a reference.

4. EQ CHANGE CHARACTERISTICS

- Set the CH INPUT GAIN Trim at the minimum position and input the -40 dB signal from the CHI INPUT in status 1 of the preparations.
- In this state, set each MASTER Fader and the MASTER LEVEL controls at the maximum or minimum position, check that the noise level should fall within the levels shown in Tables 11-1 and 11-2.
- Turn the EQ switch on when each of the EQ controls are operated, each output level of the STEREO A (L) OUT frequency should fall within the range given in Tables 4-1 to 4-4 of the reference output level when the EQ GAIN control is set in the center click position.
- If an output level is more or less than the rated range, vary the frequency of the applying signal within +/- 20 % . If this output level is within the rated value given in the Tables 4-1 to 4-4, it is acceptable.

Table 4-1 HI EQ

Unit [dB]

Control		Applied Frequency	
GAIN	Freq.	1 k Hz	20 k Hz
MIN	MIN	-15.5 +/- 2.0	—
MAX	MAX	—	+15.5 +/- 2.0

Table 4-2 HI-MID EQ

Unit [dB]

Control			Applied Frequency		
GAIN	Freq.	Q	400 Hz	5 k Hz	8 k Hz
MIN	MIN	OFF	-15.5 +/- 2.0	—	—
MAX	MAX	ON	—	+11.0 +/- 2.0	+15.5 +/- 2.0
		ON	—	+7.0 +/- 2.0	+15.5 +/- 2.0

Table 4-3 LO-MID EQ

Unit [dB]

Control			Applied Frequency		
GAIN	Freq.	Q	80 Hz	1 k Hz	1.6 k Hz
MIN	MIN	OFF	-15.5 +/- 2.0	—	—
MAX	MAX	ON	—	+11.0 +/- 2.0	+15.5 +/- 2.0
		ON	—	+7.0 +/- 2.0	+15.5 +/- 2.0

Table 4-4 LO EQ

Unit [dB]

Control		Applied Frequency	
GAIN	Freq.	30 Hz	600 Hz
MIN	MIN	-15.5 +/- 2.0	—
MAX	MAX	—	+15.5 +/- 2.0

- Set the fader of the ST CH INPUT A GAIN Trim at the minimum position and input the -14 dB signal to the INPUT A in status 1.
- When each of the EQ controls are operated after turning the EQ switch on, the output level of the STEREO A (L) OUT of each frequency should fall within the range given in Tables 4-5 and 4-6 of the output reference level when the EQ GAIN control is set at the center.
- When the signal is applied at the ST CH INPUT A (L), the signal should be measured at the STEREO A (R) OUT terminal.
- When the signal is applied at the ST CH INPUT A (R), the signal should be measured at the STEREO A (R) OUT terminal after turning the ST BAL control clockwise to the maximum position.

Table 4-5 HI EQ/ LO-EQ Unit [dB]

Control		Applied Frequency	
HI	LO	50 Hz	20 k Hz
MIN	CENTER	—	-15.5 +/- 2.0
MAX		—	+15.5 +/- 2.0
CENTER	MIN	-15.5 +/- 2.0	—
	MAX	+15.5 +/- 2.0	—

Table 4-6 HI-MID EQ/ LO-MID EQ Unit [dB]

Control			Applied Frequency			
HI-MID	LO-MID	Q	1.9 k Hz	3 k Hz	500 Hz	800 Hz
MIN	CENTER	OFF	—	-15.5 +/- 2.0	—	—
MAX			+11.0 +/- 2.0	+15.5 +/- 2.0	—	—
	ON	-7.0 +/- 2.0	+7.0 +/- 2.0	+15.5 +/- 2.0	—	—
CENTER	MIN	OFF	—	—	—	-15.5 +/- 2.0
		MAX	—	—	+11.0 +/- 2.0	+15.5 +/- 2.0
	ON	—	—	+7.0 +/- 2.0	+15.5 +/- 2.0	

5. HPF CHANGE CHARACTERISTICS

- Set the CH INPUT GAIN Trim at the minimum position and input the -40 dB signal to the CH INPUT in status 1.
- When each of the HPF Freq. controls are operated after turning on the HPF switch, the output level of the STEREO A (L) OUT of each frequency should fall within the range given in Table 5 of the output reference level when the switch is off.*

Table 5 HPF Unit [dB]

Freq.	Applied Frequency	
	20 Hz	400 Hz
MIN	-3.0 +/- 2.0	—
MAX	—	-3.0 +/- 2.0

6. SEPARATION

- In each of the Manual INPUT and Stereo INPUT modules, turn the CH INPUT ST switch on in status 1. At this time, if the output level of the STEREO A (L) OUT is set at +20 dBs, the leakage level to the STEREO A (R) OUT should be less than -50 dB.
- Rotate the PAN control clockwise to the maximum position, and adjust the output level of the STEREO A (R) OUT to +20 dBs. The leakage level to the STEREO A (L) OUT should be less than -50 dBs.
- Inspection of the separation of the MIX (13-14) OUT and the MIX (15-16) OUT can be performed in a same manner.
- The separation of the ST CH INPUT is made when the omission levels at -30 dBs and performed in the same manner as above.

7. LED (SIGNAL, NOM, PEAK) LIGHT-UP LEVEL

- When the signal has been applied to inputs of the INPUT and the ST CHANNEL modules in status 1, check that the lit levels of the SIGNAL, NOM and the PEAK LED are within the levels specified in the Table 7.

Table 7 LED Unit [dBs]

Input Terminal	LED		
	SIGNAL	NOM	PEAK
CH INPUT	-70.0 +/- 3.5	-60.0 +/- 1.5	-43.0 +/- 3.5
ST CH INPUT A (L) *1	-37.0 +/- 3.5	-27.0 +/- 1.5	-10.0 +/- 3.5

*1 The ST CH INPUT A (R) is short-circuited with a 150 ohms resistance.

8. DISTORTION FACTOR

- Set each FADER and level controls to the NOMINAL POSITION of the INPUT and MASTER, set the INPUT GAIN Trim at MIN and apply signals to the CH INPUT and ST CH INPUT A in status 1.
- When a +14 dBs output is obtained at each output terminal, the distortion factor should be less than 0.03 %.
- Also, when an output of -8.5 dBs is obtained at the PHONES (L, R) OUT, the distortion factor should be less than 0.1 %.

9. MAXIMUM OUTPUT

- When a +24 dBs output is obtained at each output terminal of the MIX (1 to 16) OUT, STEREO A (L, R) OUT, STEREO B (L, R) OUT, MONITOR (1 to 8) OUT and the MONITOR (L, R) OUT in status 1, the distortion factor should be less than 1 %.
- Also, the distortion factor should be less than 1 % when +20 dBs is obtained at each output terminal of the CH DIRECT OUT, CH INSERT OUT, MIX (1 to 16) INSERT OUT and the STEREO (L, R) INSERT OUT.
- Also, when a -5 dBs output is obtained at the PHONES (L, R) OUT, the distortion factor should be less than 1 %.

10. VU METER

- When the output level of the MIX (1 to 8) OUT is +4 dBs, the indication on each VU meter should be 0 +/- 1 VU.
If the indication is not within 0 +/- 1 VU, adjust the VR101 and VR102 on the METER 1 and METER 2 circuit boards so that the indication is within the rated value.
- By using the METER SEL switch, select M9-M16 when the output level of the MIX (9 to 16) OUT are +4 dBs. The indication on each VU meter should be 0 +/- 1 VU.
- By using the METER SEL switch, select the MATRIX when the output level of the MATRIX (1 to 8) OUT are +4 dBs. The indication on each VU meter should be 0 +/- 1 VU.
- When the output level of the STEREO A (L, R) OUT is +4 dBs, the indication on the VU meter should be 0 +/- 0.1 VU.
If the indication is not within 0 +/- 1 VU, adjust the VR101 and VR102 on the METER 1 and METER 2 circuit boards so that the indication is within the rated value.
- When the output level of the STEREO B (L, R) OUT is +4 dBs, the indication on the VU meter should be 0 +/- 0.1 VU.
If the indication is not within 0 +/- 1 VU, adjust the VR101 and VR102 on the METER 1 and METER 2 circuit board so that the indication is within the rated value.
Confirm that the VU meter changes to CUE (L, R) when either one of the PFL / AFL switch is on.
Confirm that the corresponding VU meter is 0 +/- 1 VU when the output of the MONITOR (L, R) is +10 dBs.
- Check that the built-in PEAK LED lights up when the output of the MIX (1 to 8) OUT, STEREO A (L, R) OUT and the STEREO B (L, R) OUT are +21 +/- 2 dBs.

11. RESIDUAL NOISE

- Set the Fader and MIX level control of all CH INPUT and ST CH INPUT at the minimum position and turn off the MIX ON switches and ST ON switches, in status 1.
Set the MIX level controls of the MIX (1 to 16), STEREO A (L, R) and MATRIX (L, R) SUBIN in the MATRIX module at the minimum position and turn off the TO STEREO switches and TO MATRIX switches.
- In this state, set each MASTER Fader and the MASTER LEVEL controls at the maximum or minimum position, check that the noise levels fall within the levels shown in Table 11-1 and 11-2.

Table 11-1 MIX (1-16) OUT

MASTER Fader & MASTER LEVEL control	VARIABLE/ FIX	Unit [dBs]	
		MIX (1 to 8) OUT	MIX (9 to 16) OUT
MAX	VARIABLE	-65	-65
	FIX	-71	—
MIN	—	-99	-99

Table 11-2 STEREO A (L, R), STEREO B (L, R), MATRIX (1 to 8), MONITOR (L, R) OUT

MASTER Fader & MASTER LEVEL control	Unit [dBs]			
	STEREO A (L, R) OUT	STEREO B (L, R) OUT	MATRIX (1 to 8) OUT	MONITOR (L, R) OUT *
MAX	-70	—	-84	-70
MIN	-99	-99	-97	-99

*1 Either one of the MATRIX AFL switches should be turned ON.

12. NOISE LEVEL

- When the input of the CH INPUT is short-circuited with 150 ohms in status 1, the noise level at the STEREO A (L) OUT should be less than -44 dBs.
- If the noise level is more than -44 dBs, find the noise level by input conversion. If this noise level is less than -128 dBs, then it is acceptable.

13. PHASE

- The signal phase applied to each input terminal and the signal phase obtained at each output terminal should be the same. Pin polarity of the balanced type input and output terminals:
 PIN1——— GND
 PIN2——— + (HOT)
 PIN3——— - (COLD)
- Check that the applied signal to each input terminal and the signal obtained at each output terminal is in negative phase, when the \emptyset switch of the CH INPUT is switched on.
 Also, check that the difference in the output level when the \emptyset switch is turned OFF and ON is less than +/- 1.0 dB.

14. OSCILLATOR

- The TB / OSC LEVEL control of the TALKBACK is set at Maximum and turn the ST assign switch on in status 1.
- After turning on the 100 Hz, 1 k Hz, 10 k Hz, PINK switches of OSCILLATOR, check that the output level of STEREO A (L) OUT is +16 +/- 2.5 dBs.
- At this time that the distortion rates and frequencies of the 100 Hz, 1 k Hz and 10 k Hz should be less than 1 % (distortion rates), +/- 10% (frequency).

15 CUE CONTROL

- You should turn on the PFL switch of the INPUT or the ST CH INPUT. At this time, check that the corresponding PFL LED and the CH INPUT (CUE) LED of the MONITOR section light up.
- You should turn on the AFL switch of the MASTER section. At this time, check that the corresponding AFL LED and the MASTER (CUE) LED of the MONITOR section light up.
- Check that the INPUT CUE LED lights up when the CUE CONTROL terminal is short-circuited to ground by the short plug.

16 PHANTOM

- Connect the input connector pins 1 and 2 of each CH INPUT with a load resistance (10k ohms, 1W or greater), and short-circuit the pins 2 and 3.
- When the PHANTOM MASTER switch and the +48V (PHANTOM) switch of the measuring CH INPUT has been switched ON, a voltage of +35 +/- 3 V should be obtained between both ends of the load resistance.
- You should turn ON the +48 V (PHANTOM) switch. At this time, check that the +48 V LED lights up.

17 VCA CONTROL

- When the all Fader of the CH INPUT, ST CH INPUT and STEREO A OUT are Nominal in the status 1, input the signal of -60 dBs to the measured CH INPUT and the signal of -30 dBs to the measured ST CH INPUT.
- When only one of the VCA GROUP (1 to 8) switches of the CH INPUT and the ST CH INPUT is turned on, the output level of the STEREO A (L) OUT should be within the +10 +/- 2 dB of the output reference level when the switch is off.
 Confirm that the LED of the switch that is turned on is lit up.
- When all the faders of the VCA MASTER (1 to 8) are at a minimum, input a signal of -44 dBs to the measured CH INPUT and a signal of -14 dBs to the measured ST CH INPUT A (L).
- When only one of the VCA GROUP (1 to 8) switches of the CH INPUT and the ST CH INPUT is turned on, the output level of the STEREO A (L) OUT should be within less than -80 dB of the output reference level when the switch is off.
- Check that the same result is obtained when the VCA MASTER (1 to 8) Faders are set at the nominal position and the VCA MUTE (1 to 8) switches are turned on.
 The NOMINAL LED should light up when within the range of 0 +/- 1 dB on the panel scale.

18. VCA EXTERNAL I/O

- When the VCA MASTER / SLAVE switch is set at MASTER, and each of the VCA MASTER (1 to 8) Faders are operated, the output within the range given in Table 18 should be obtained at each terminal of the VCA EXTERNAL I/O connector.
- Check that the output in the range of +/- 0.5 V can be obtained when the VCA CONTROL switch is turned to SLAVE.

Table 18 VCA CONTROL VOLTAGE

VCA MASTER (1-8) FADER	VOLTAGE
MAX	+0.50 +/- 0.05 V
MIN	less than -9.0 V

19. ON LED

- You should turn on from the ON switch the TALKBACK, STEREO B, MONITOR and MATRIX (1 to 8) and check that the each LED lights up.

20. STABILITY

20-1 Power Supply Voltage Fluctuation

Even a fluctuation of +/- 10 % in the rated power supply voltage should pose no problems in the operations.

20-2 Oscillation

- Confirm that there is no problem when the Capacitor of 10 pF to 0.1 uF is connected and the load resistance of each output terminal is in parallel.
- Confirm that there is no problem, if the fader, the level control and the equalizer control are set at maximum when the input terminals are short-circuited with an 150 ohm.

● PW3000MA

1 CONNECTION

The terminal resistance is connected with the DC output terminal. (Fig. 1)

2 DC OUTPUT VOLTAGE

Confirm that the voltage is obtained within range given in table 2.

The impedance of the used voltmeter is more than 100 k ohm,

Table 2

RESISTANCE	VOLTAGE
R 1 (+15 V)	+15.5 +/- 0.5 V
R 2 (-15 V)	-15.5 +/- 0.5 V
R 3 (+12 V)	+12.5 +/- 0.5 V
R 4 (+48 V)	+48 +/- 2 V

3 MONITOR LED

Confirmed that all monitor LEDs light up in status 2.

4 FAN

Confirm that the fans on the left and right are turned on.

5 OUTPUT VOLTAGE (PARALLEL DC INPUT)

Confirmed that the PARALLEL DC INPUT terminal is identical to status 2.

Note: The load resistance must not be connected to the DC OUT terminal and the PARALLEL DC INPUT at the same time.

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■ TEST PROGRAM

A. TEST PROGRAM

(1) CTRL SECTION LED TEST.....	Test number 1
(2) CTRL SECTION SWITCH TEST.....	Test number 2
(3) SWITCH AND LED CHANNEL VERSION TEST.....	Test number 24 (24CH)
	Test number 32 (32CH)
	Test number 40 (40CH)
	Test number 56 (56CH)
(4) SWITCH AND LED LOCAL MODE TEST.....	Test number 3
(5) EXIT.....	Test number 9
(6) FACTORY SETTING.....	Test number 4
(7) ROM VERSION DISPLAY.....	Test number 5

- The battery check is automatically performed when the test program is initiated; the LED display will show the battery voltage. The new battery voltage is from 2.6V to 3.5V.

B. HOW TO ENTRY THE TEST PROGRAM

While pressing the DIRECT RECALL switches 6, 7 and 8, turn on the POWER switch of the PW3000M, which is connected to the M3000.

C. PROCEEDING THROUGH THE TESTS

By using the Δ (UP) switch of the CTRL section, have "di*(or d**)" and the desired sequence number displayed on the 7-SEG LED and confirm it by pressing the RECALL switch.

Note: ** represents the sequence number.

D. TEST SELECTION AND PROCEDURE

1. CTRL SECTION LED TEST

- Using the Δ (UP) switch, select "di1" on the 7-SEG LED.
- Press the RECALL switch to execute the test.
- " 8.", " 8. ", "8. ", "000", "111", "222", "333", "444", "555", "666", "777", "8.8.8.", UTILITY, CHECK, DIRECT, DIRECT RECALL 1 to 8 are indicated on the LED.
- Confirm that all LED are lights are on.
- After that, the all LED lights will go out for about three seconds, and the LED display will be return to "di1*."

2. CTRL SECTION SWITCH TEST

- Using the Δ (UP) switch, select "di2" on the 7-SEG LED.
- Press the RECALL switch to execute the test.
- Press the switch that corresponds with the indication on the 7-SEG LED.
The progression will be as follows:
"UTILITY: "ut", RECALL: "rC", STORE: "St", CHECK: "CH", 1: "1", 2: "2", 3: "3", 4: " 4", 5: " 5", 6: "6", 7: "7", 8: "8", 9: "9", 0: "0", ENTER: "En", Δ : "uP", ∇ : "dn", DIRECT RECALL 1: "d1", DIRECT RECALL 2: "d2", DIRECT RECALL 3: "d3", DIRECT RECALL 4: "d4", DIRECT RECALL 5: "d5", DIRECT RECALL 6: "d6", DIRECT RECALL 7: "d7", DIRECT RECALL 8: "d8"
- When the test has completely finished, the results are OK.
If it should be necessary to cancel the test while it is being executed, press the DIRECT RECALL 8 switch. When the display reads "nG2" on 7-SEG LED, the test will be finished.

3. SWITCH AND LED CHANNEL VERSION TESTS

- Using the Δ (UP) switch, select "d24" when using the 24CH version, select "d32" when using the 32CH, select "d40" when using the "40CH", and select "d56" when using the 56CH version on the 7-SEG LED.
- Then press the RECALL switch to execute the test.
- The CHECK LED light on CH1 will be on.
- When the CH1 ON / EDIT switch is pressed, the CHECK LED light will go out and the ON LED will light up.
When the switch is released, the CHECK LED of the next item to be checked will light up.

- Press the switches that have CHECK LEDs in the following order starting from CH1.
Progression : CH1 to 24, CH32, CH40, CH56, ST CH1 to 4, MIX1 to 12, 13/14, 15/16, STEREO A
- Confirm that the LED lights are either on or off.
- When the test has been successfully completed, the test can then proceed to the next mode.
If the STEREO(A) ON/EDIT switch is pressed during the test, the test will automatically finish. When the display reads "n24", "n32", "n40" or "n56" on the 7-SEG LED, the test has finished.

4. SWITCH AND LED LOCAL MODE TESTS

- Using the Δ (UP) switch, select "di3" on the 7-SEG LED.
- Press the RECALL switch to execute the test.
- By pressing each ON/EDIT switch, check that the ON LED lights up and goes off properly.
- After all ON/EDIT switches have been checked, press the RECALL switch to complete the test.

5. EXIT

- Using the Δ (UP) and the ∇ (DOWN) switches, select "di9" on the 7-SEG LED.
- Press the RECALL switch to execute the test.
If the inspection has not yet finished, "nG9" will be indicated on the 7-SEG LED.

6. FACTORY SETTINGS

- Using the Δ (UP) and the ∇ (DOWN) switches, select "di4" on the 7-SEG LED.
- Press the RECALL switch.
- "SET" appears on the 7-SEG LED.
- Press the STORE switch and the display on the 7-SEG LED changes to "---" and the data below will be initialized to factory settings.

1. MEMORY PROTECT	[OFF]
2. OPERATION MODE	[DIRECT RECALL]
3. MEMORY INITIALIZE	[ALL]
4. MIDI CH	[1]
5. MIDI PROGRAM CHANGE	[ON]
6. MIDI CONTROL CHANGE	[ON]
7. PROGRAM CHANGE Rx OMNI	[OFF]
8. MIDI ECHO BACK	[OFF]
9. MIDI BULKDUMP REQUEST	[ALL]
10. SCENE MEMORY(1,3,5,7)"	[ALL ON]
11. SCENE MEMORY(2,4,6,8)"	[ALL OFF]
12. SCENE MEMORY(9~128)	[NO DATA]
13. ON/EDIT SW	[ALL ON]
14. 7-SEG LED NUMBER	[1]

7. ROM VERSION DISPLAY

- Using the Δ (UP) and the ∇ (DOWN) switches, select "di5" on the 7-SEG LED.
- When the RECALL switch is pressed, the version will be indicated on the 7-SEG LED.

M3000A

■ ERROR MESSAGES

One of the following error messages may appear in the MEMORY display while operating the M3000A or when the power is turned on. If this occurs, refer to the following explanations and take the appropriate action.

<i>rEr</i>	An error occurred while receiving MIDI data. If an error occurs while received MIDI data, this error message will be displayed for several seconds.
<i>bFL</i>	While transmitting or receiving MIDI data, the memory buffer became full. If the memory buffer becomes full while MIDI data is being transmitted or received, this error message will be displayed for several seconds. If this error is displayed while transmitting or receiving MIDI data, turn the <i>Eb</i> (MIDI echo back) parameter in Utility mode off (oFF).
<i>Pro</i>	Since memory protect is turned on, it is not possible to store data or receive a bulk dump. This error message will be displayed for several seconds if you attempt to store into memory or receive a bulk dump when the memory is protected.
<i>CHE</i>	A check sum error has occurred during a bulk dump. This error message will be displayed for several seconds if a check sum error occurs while receiving bulk dump MIDI data. Check the MIDI connections and whether the transmitting device is set appropriately.

<i>Lo</i>	The internal battery voltage has fallen below 2.5V or is an abnormal value (in this case the display will indicate "-,-"). This error message will be displayed when the power is turned on or when the Utility mode <i>bt</i> (battery check) parameter is selected. when the power is turned on, press any switch to return to the normal display.
<i>nod</i>	You attempted to recall a scene memory which contained no data. This error message will be displayed for several seconds if the scene memory you attempted to recall contains no data.
<i>non</i>	There is no data in any scene memory. This will be displayed if all scene memories have been erased in utility mode, or if the power was turned on in that condition and you attempted to store without specifying a number.
<i>E*</i>	A system error has occurred. If this error message appears, the M3000A will not function correctly.

(* is an error number)

■ MIDI DATA FORMAT

1. MIDI Channel

The same channel is used for transmission and reception. Select from channel numbers 1–16.

2. MIDI Program Change

Program change numbers 0–127 correspond to Scene Memory numbers 1–128. This correspondence cannot be changed. However when Mute Group is selected, program change numbers 0–7 cannot be transmitted or received. (Since memory numbers 1–8 will not correspond to program change numbers 0–7.)

In the case of OMNI [on], program changes of all MIDI channels are received.

Transmission/reception can be switched [LoC/on/off]. When [LoC] is selected, program changes will be transmitted to control an external MIDI device even when a scene memory with no data is recalled.

3. MIDI Control Change

Control change messages correspond to the various ON/EDIT switches and to the DIRECT RECALL switches. This correspondence cannot be changed. However, control change numbers 105–112 correspond to the DIRECT RECALL 1–8 switches only when MUTE GROUP is selected.

Transmission/reception can be switched [on/GrP/off]. When [GrP] is selected, only control change messages corresponding to mute groups will be transmitted or received.

MIDI Control Change No.	ON/EDIT switch Assign
1–48	CH INPUT(1–48)
49–52	ST CH INPUT(1–4)
53–60	CH INPUT(49–66)
61–68	MIX(1–8) OUT
69	STEREO A OUT
73–76	MIX(9–12) OUT
77, 78	MIX(13/14, 15/16) OUT
105–112	DIRECT RECALL(1–8) =MUTE GROUP(1–8)

4. MIDI Echo Back

The Echo Back function can be switched [on/off]. However if the internal transmission buffer overflows because a long exclusive message is being echoed back etc., echo back will be halted, and internal data will be transmitted. Bulk Dump Request messages will not be echoed back – bulk data will be transmitted instead.

5. Bulk Out, Bulk Dump Request

The following bulk messages can be transmitted and received.

(1) SCENE MEMORY No. BULK OUT FORMAT

```

STATUS      11110000 F0h System Exclusive Message
ID No.      01000011 43h Manufacturer's ID No. (YAMAHA)
SUB STATUS  0000xxxx 0nh n=0-15(MIDI Channel)
FORMAT No.  01111110 7Eh Universal Bulk Dump
BYTE COUNT(HIGH) 00000000 00h 39(29+10)bytes
BYTE COUNT(LOW) 00100111 27h
              01001100 4Ch 'L'
              01001101 4Dh 'M'
              00100000 20h ' '
              00100000 20h ' '
              00111000 36h '8'
              01000010 42h 'B'
              00110011 33h '3'
              00110001 31h '1'
              01001101 4Dh 'M'
DATA NAME   0xxxxxxx nnh nn=0-127(MEMORY No.)
DATA STATUS 0000xxxx 0nh n=0:no data, n=f:valid data.
DATA        0000xxxx d01 ON/OFF DATA assigned Control
              Change 4-1
              :
              :
              0000xxxx d28 ON/OFF DATA assigned Control
              Change 112-109
CHECK SUM   0xxxxxxx eeh
              ee=(INVERT('L'+ 'M'+...+d01+...+d28)+1)
              AND 7Fh
EOX         11110111 F7h End Of Exclusive
  
```

(2) SCENE MEMORY No. BULK REQUEST FORMAT

```

STATUS      11110000 F0h System Exclusive Message
ID No.      01000011 43h Manufacturer's ID No. (YAMAHA)
SUB STATUS  0010xxxx 2nh n=0-15(MIDI Channel)
FORMAT No.  01111110 7Eh Universal Bulk Dump
              01001100 4Ch 'L'
              01001101 4Dh 'M'
              00100000 20h ' '
              00100000 20h ' '
              00111000 36h '8'
              01000010 42h 'B'
              00110011 33h '3'
              00110001 31h '1'
              01001101 4Dh 'M'
DATA NAME   0xxxxxxx nnh nn=0-127(MEMORY No.)
EOX         11110111 F7h End Of Exclusive
  
```

CIRCUIT DIAGRAMS

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YAMAHA [MIXING CONSOLE]
 Model : M3000A
 MIDI Implementation Chart
 Date: Feb/01, 2000
 Version : 1.0

Function...	Transmitted	Recognized	Remarks
Basic Channel	1-16 1-16	1-16 1-16	Memorized
Mode	X X *****	OMNI off/ONNI on X X	Memorized
Note Number :	X *****	X X	
Velocity	Note ON Note OFF X X	X X X	
After Touch	Key's Ch's X X	X X	
Pitch Bend	X	X	
Control Change	1-69 73-78 105-112	0 0 0	*1
Program Change :	True # 0 *****	0 0-127 1-128	
System Exclusive	0	0	*2
Common	Song Pos Song Sel Tune X X X	X X X	
System Real Time :	Clock Commands X X	X X	
Aux Messages	Local ON/OFF All Notes OFF Active Sense Reset X X 0 X	X X X X	
Notes	*1 : See Control Change chart. *2 : Bulk Dump/Request		

Mode 1 : OMNI ON, POLY
 Mode 2 : OMNI ON, MONO
 Mode 3 : OMNI OFF, POLY
 Mode 4 : OMNI OFF, MONO
 o : Yes
 x : No

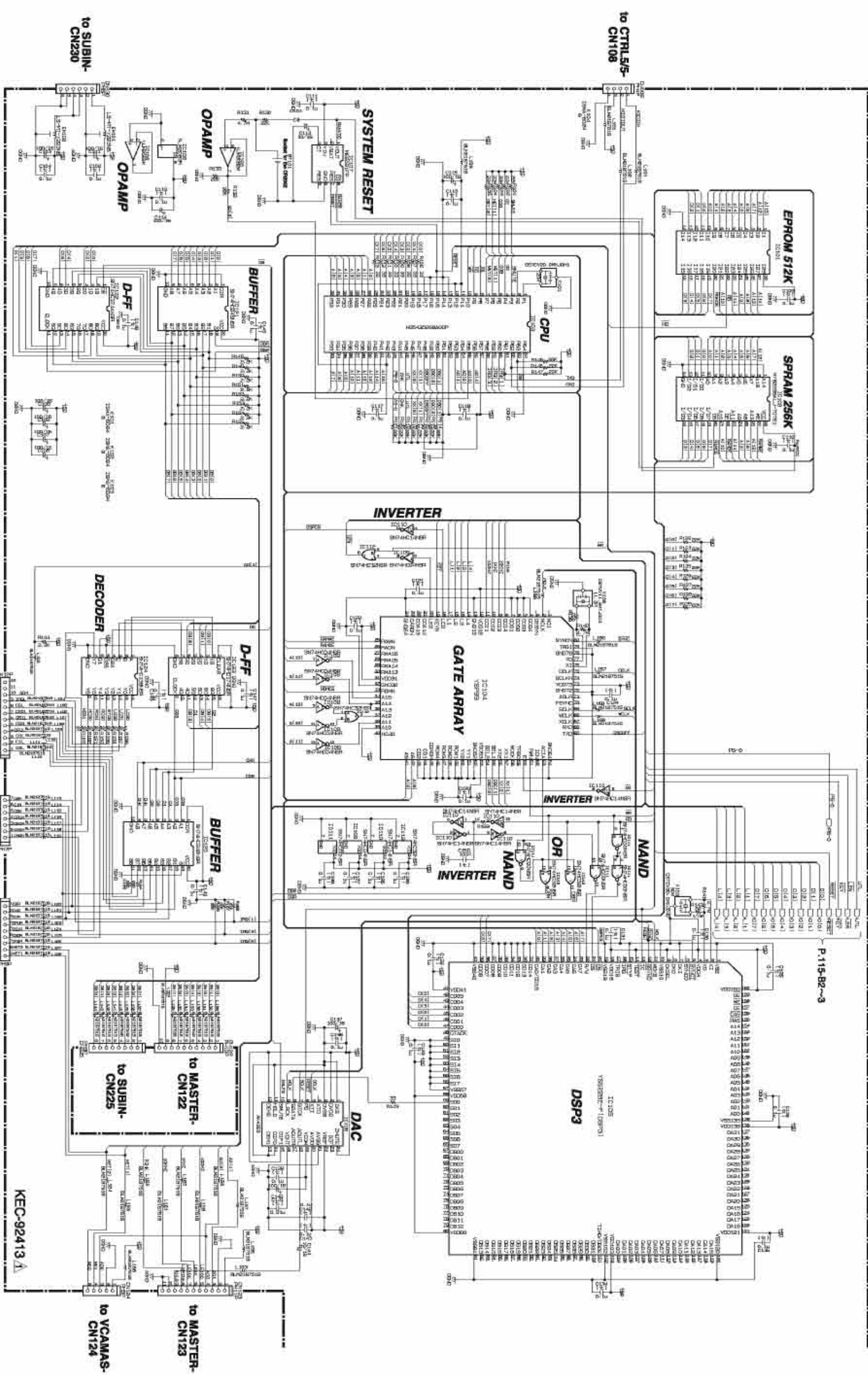


Note : See parts list for details of circuit board component parts.

- (F) : Metal Film Resister
- 鍍金 : Metal Oxide Film Resistor
- (J) : Flame Proof Carbon Resistor
- (マ) : Mylar Capacitor
- (七) : Ceramic Capacitor
- (半七) : Monolithic Ceramic Capacitor

CTRL CIRCUIT DIAGRAM 1/3 (CTRL1/5)

M3000A



114 M3000A

M3000A

A

B

C

D

E

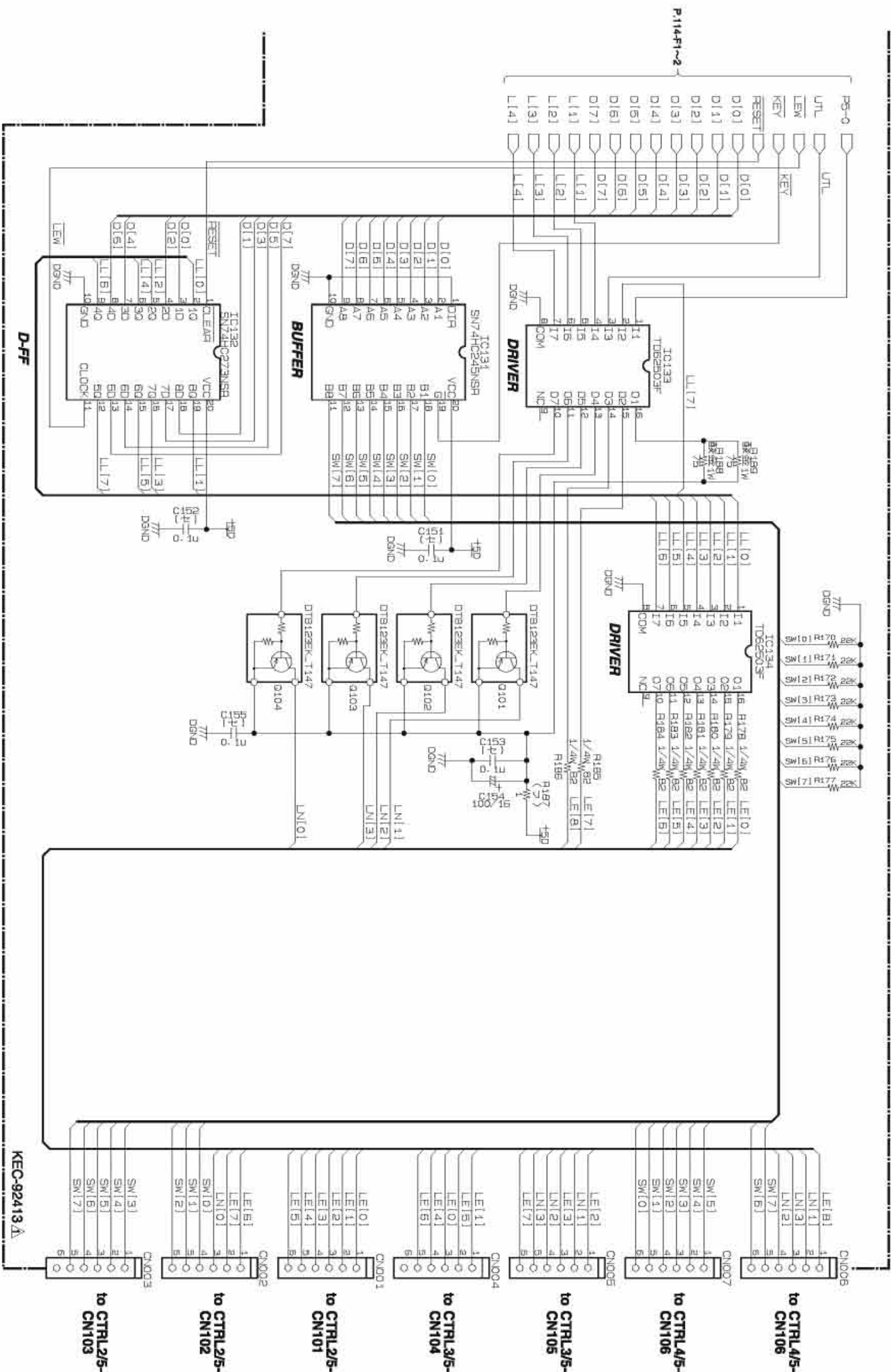
F

G

H

CTRL CIRCUIT DIAGRAM 2/3 (CTRL1/5)

M3000A



M3000A

M3000A

A

B

C

D

E

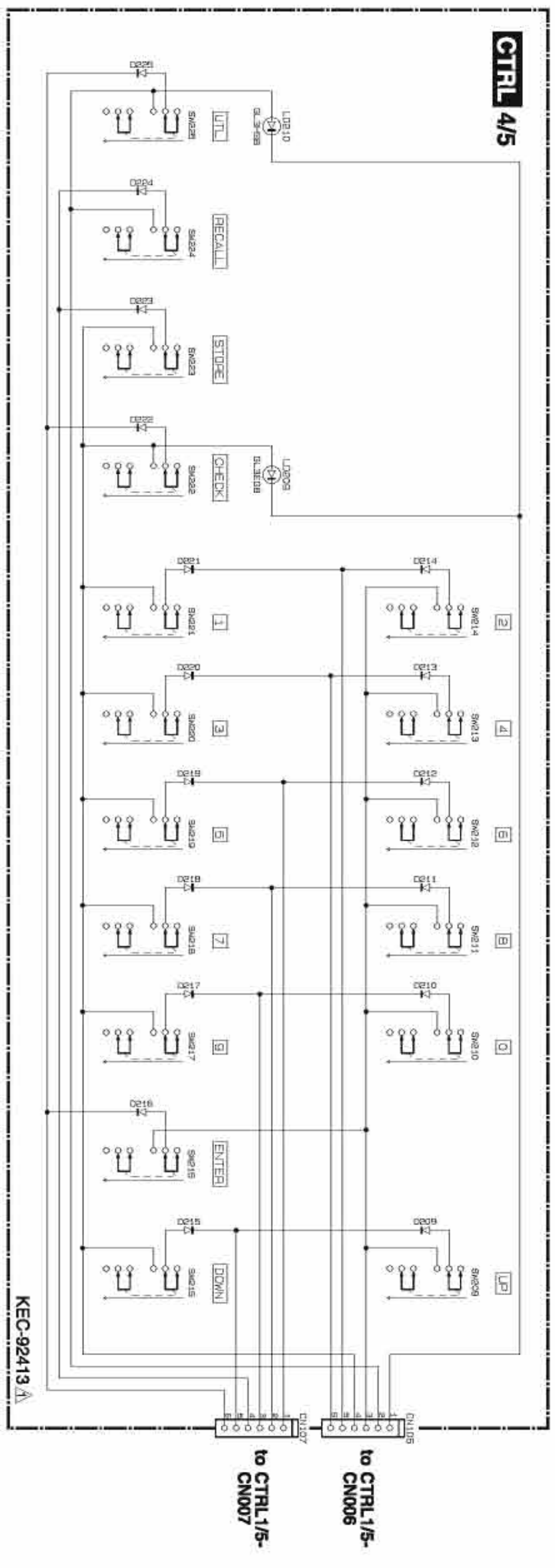
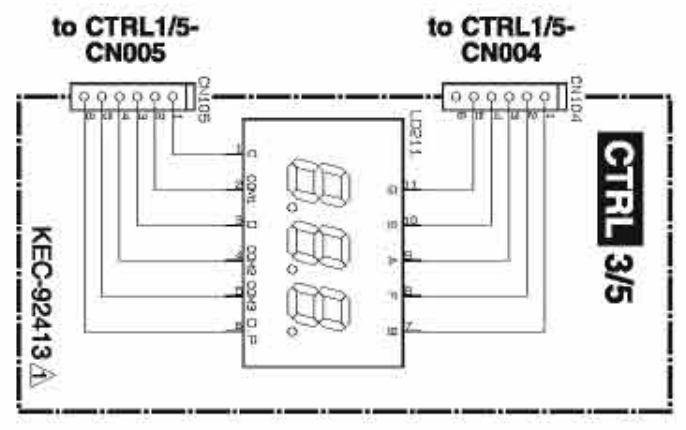
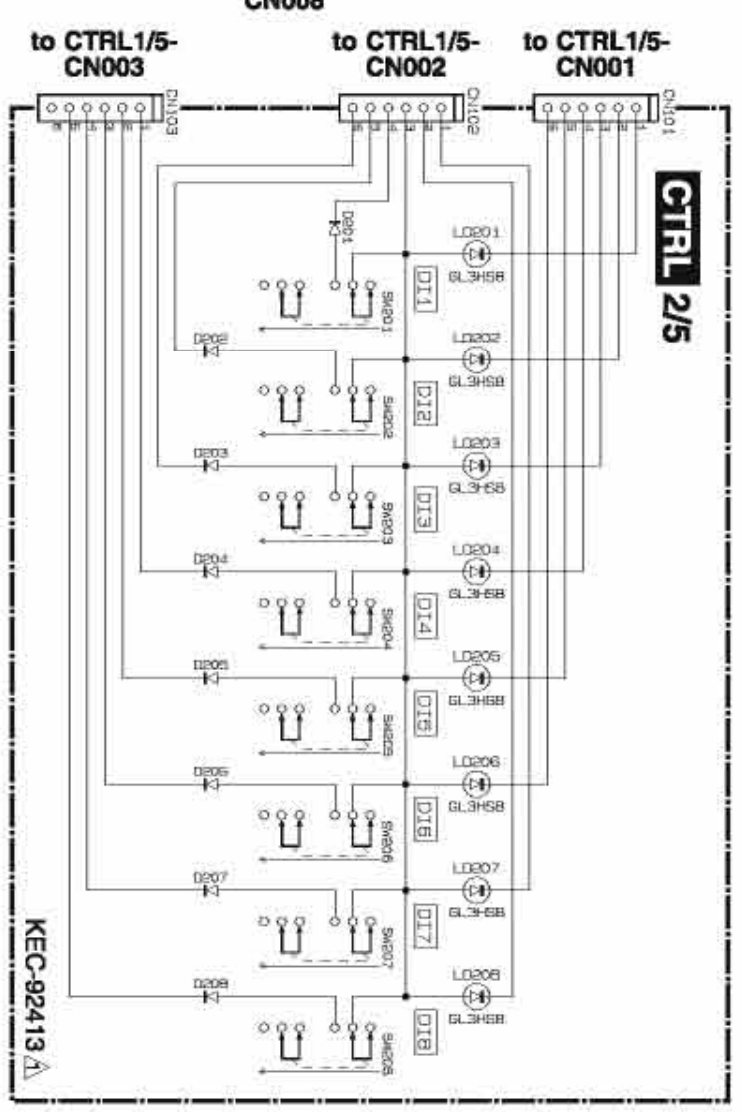
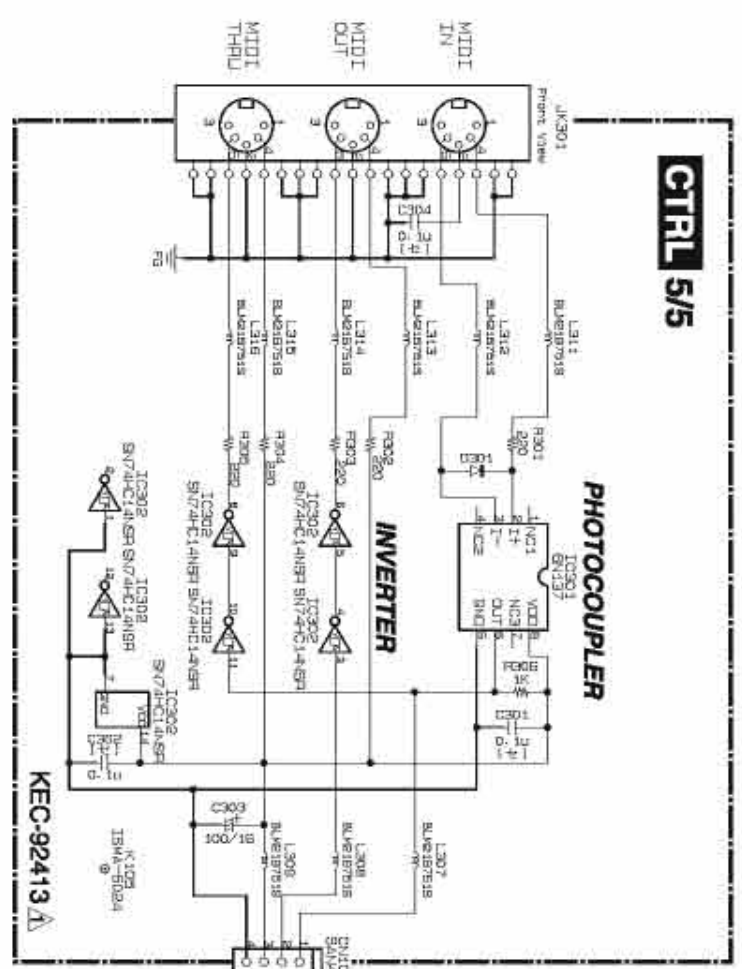
F

G

H

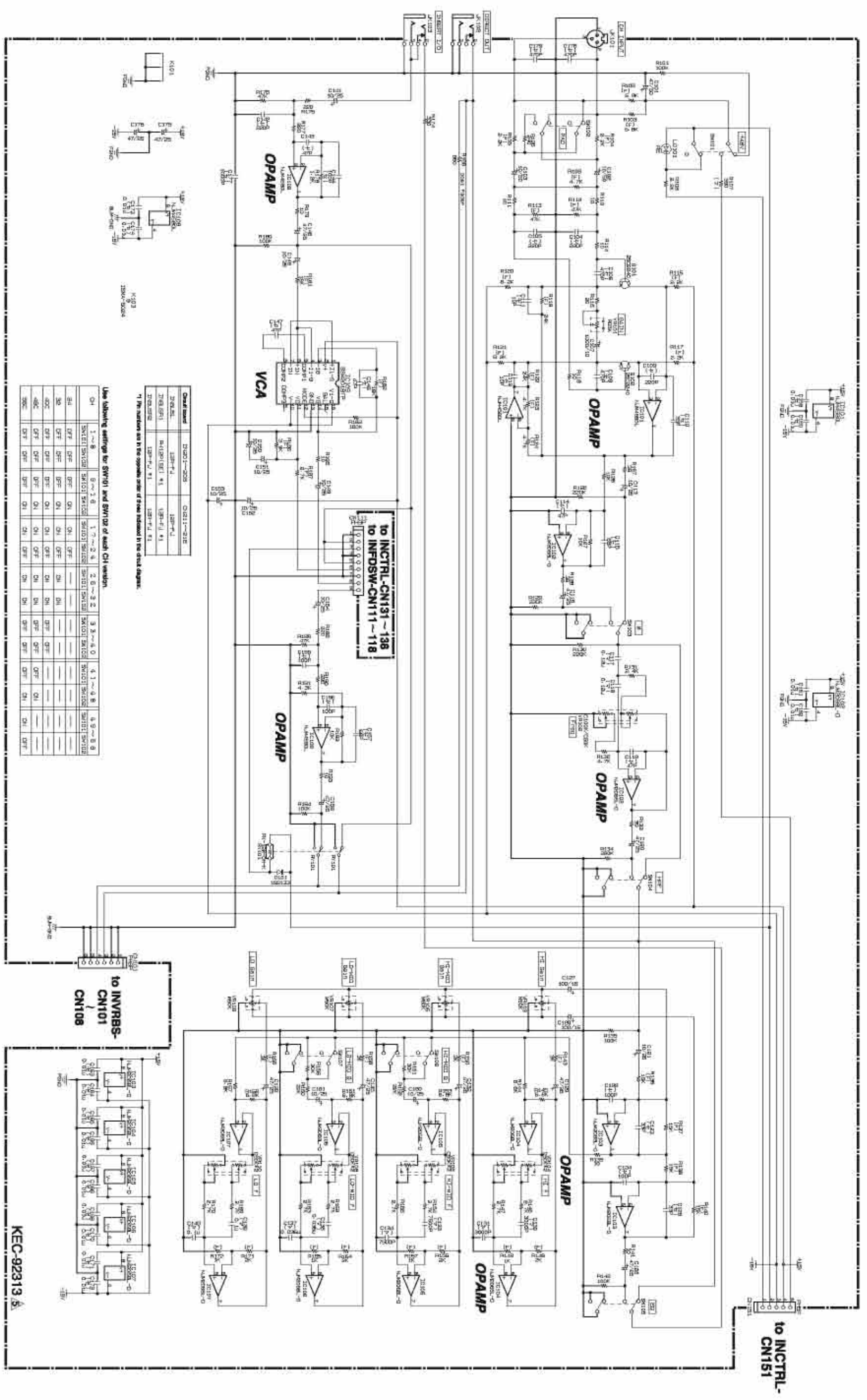
CTRL CIRCUIT DIAGRAM 3/3 (CTRL2/5, 3/5, 4/5, 5/5)

M3000A



■ INHAEQ CIRCUIT DIAGRAM

M3000A



to INCTRL-CN131 ~ 138
to INFSW-CN111 ~ 118

Use factory settings for SW101 and SW102 of each CH switch.

CH	1 ~ 8	9 ~ 16	17 ~ 24	25 ~ 32	33 ~ 40	41 ~ 48	49 ~ 56
SW101 SWITCH	ON	ON	ON	ON	ON	ON	ON
SW102 SWITCH	ON	ON	ON	ON	ON	ON	ON

*1: Pin numbers are in the opposite order of those indicated in the block diagram.

to INVERB-CN101
to INVERB-CN108

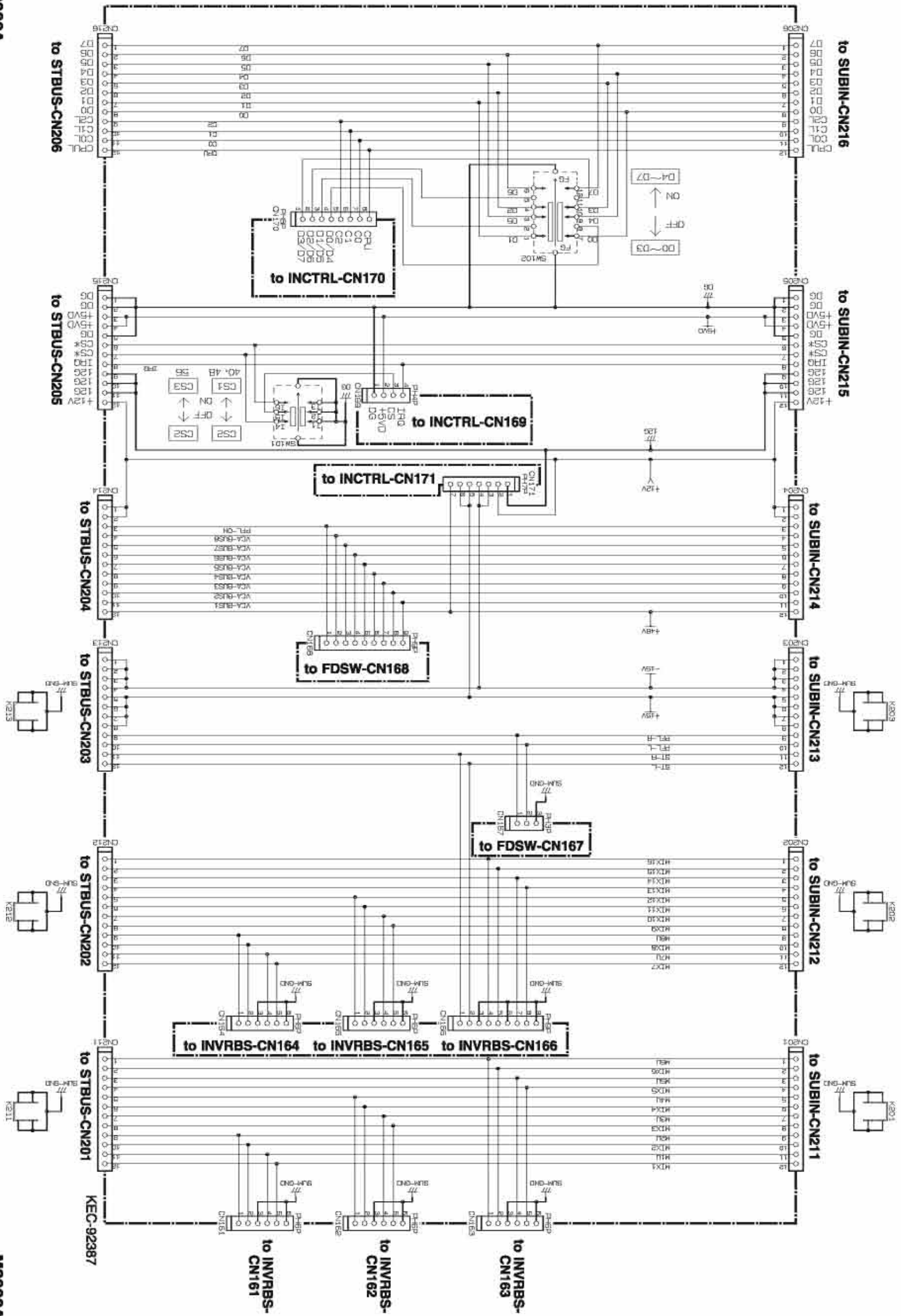
KEC-92313

M3000A

M3000A

INBUS (L/R1/R2) CIRCUIT DIAGRAM

M3000A

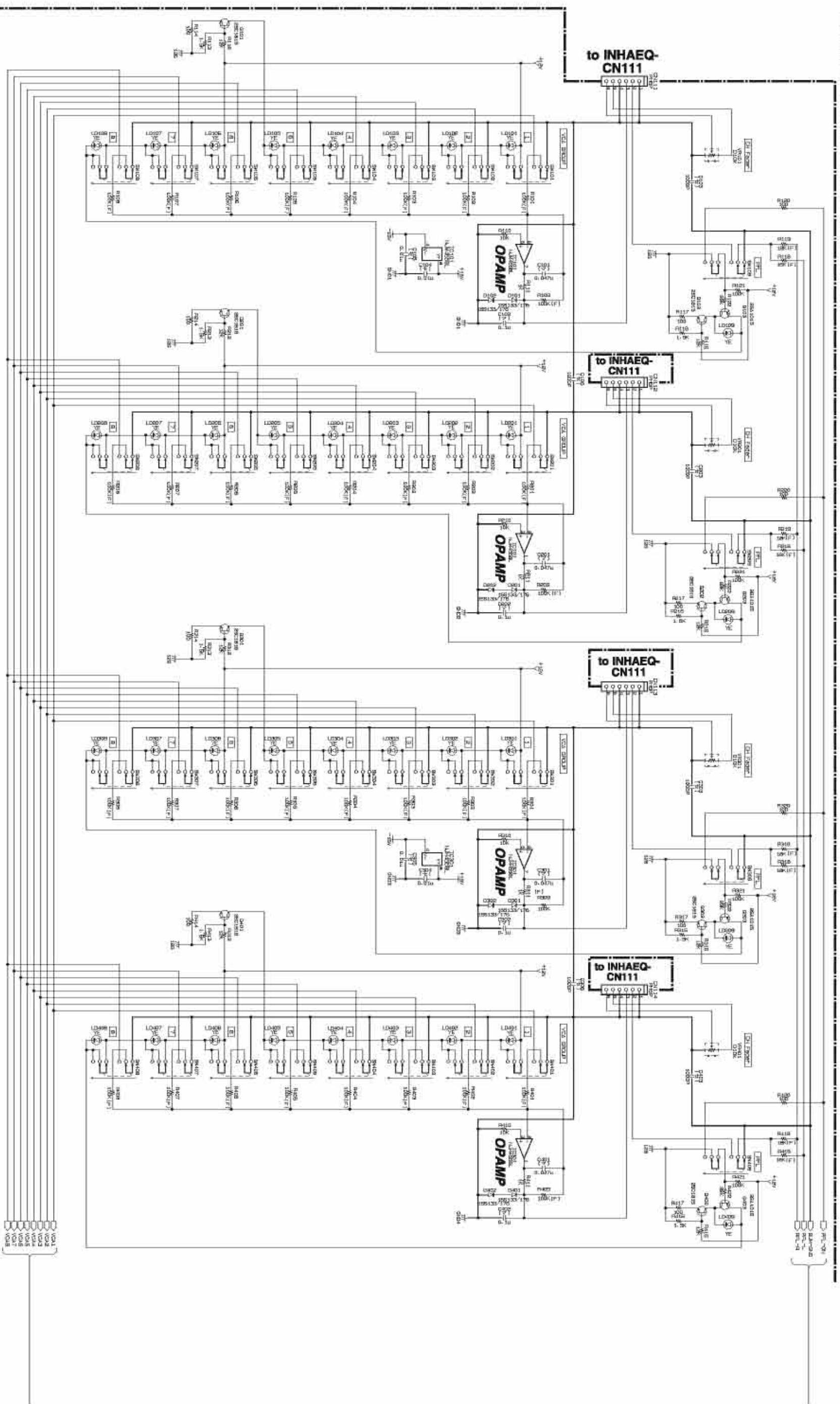


118 M3000A

M3000A

INFDSW CIRCUIT DIAGRAM 1/2

M3000A



120 M3000A

KEK-92384

M3000A

A B C D E F G H

A B C D E F G H

6

5

4

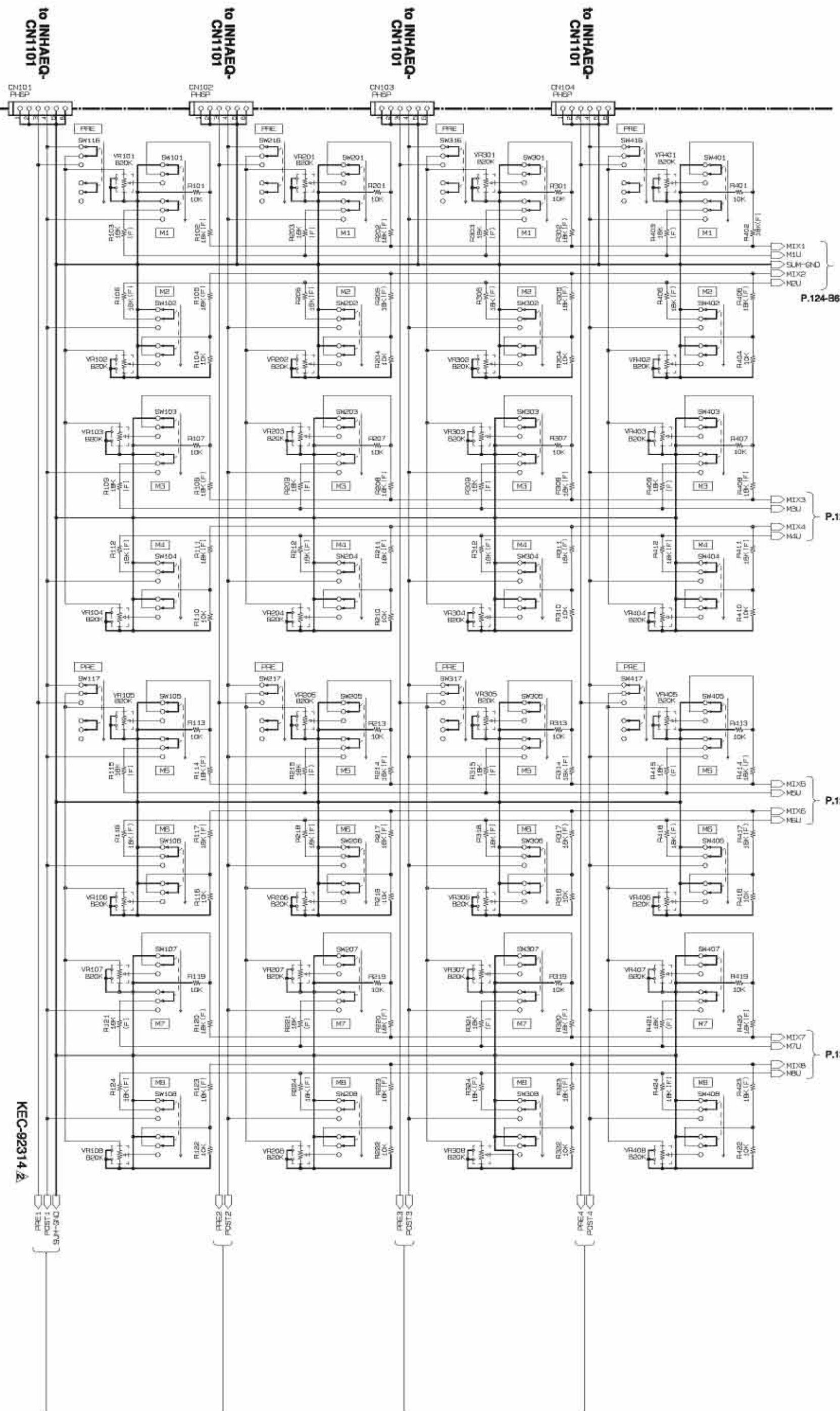
3

2

1

INVRBS CIRCUIT DIAGRAM 1/4

M3000A



P.124-B6

P.124-C6

P.124-E6

P.124-F6

KEC-92314

122 M3000A

M3000A

A B C D E F G H

A B C D E F G H

6

5

4

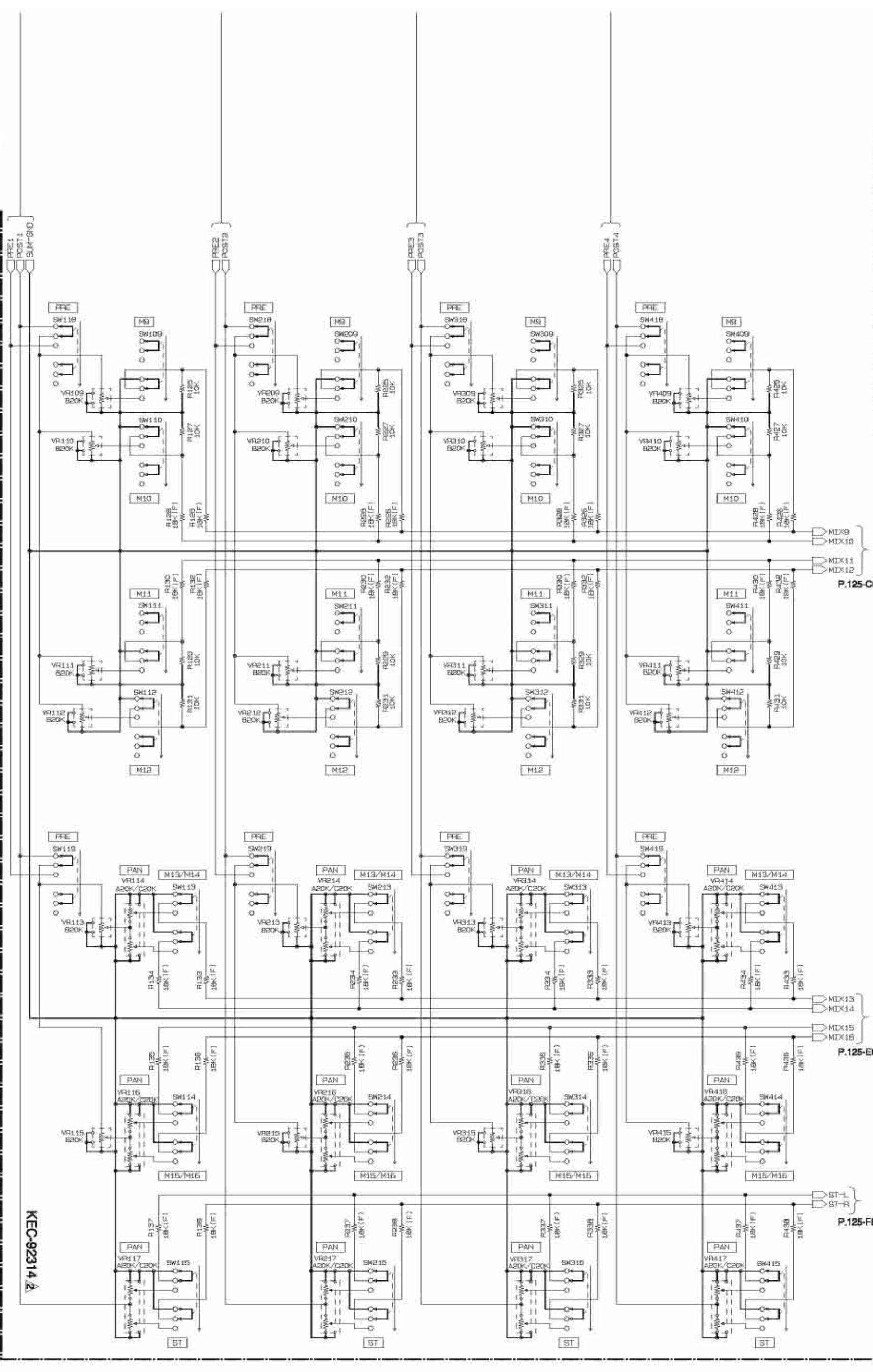
3

2

1

A B C D E F G H

INVRBS CIRCUIT DIAGRAM 2/4



M3000A

M3000A

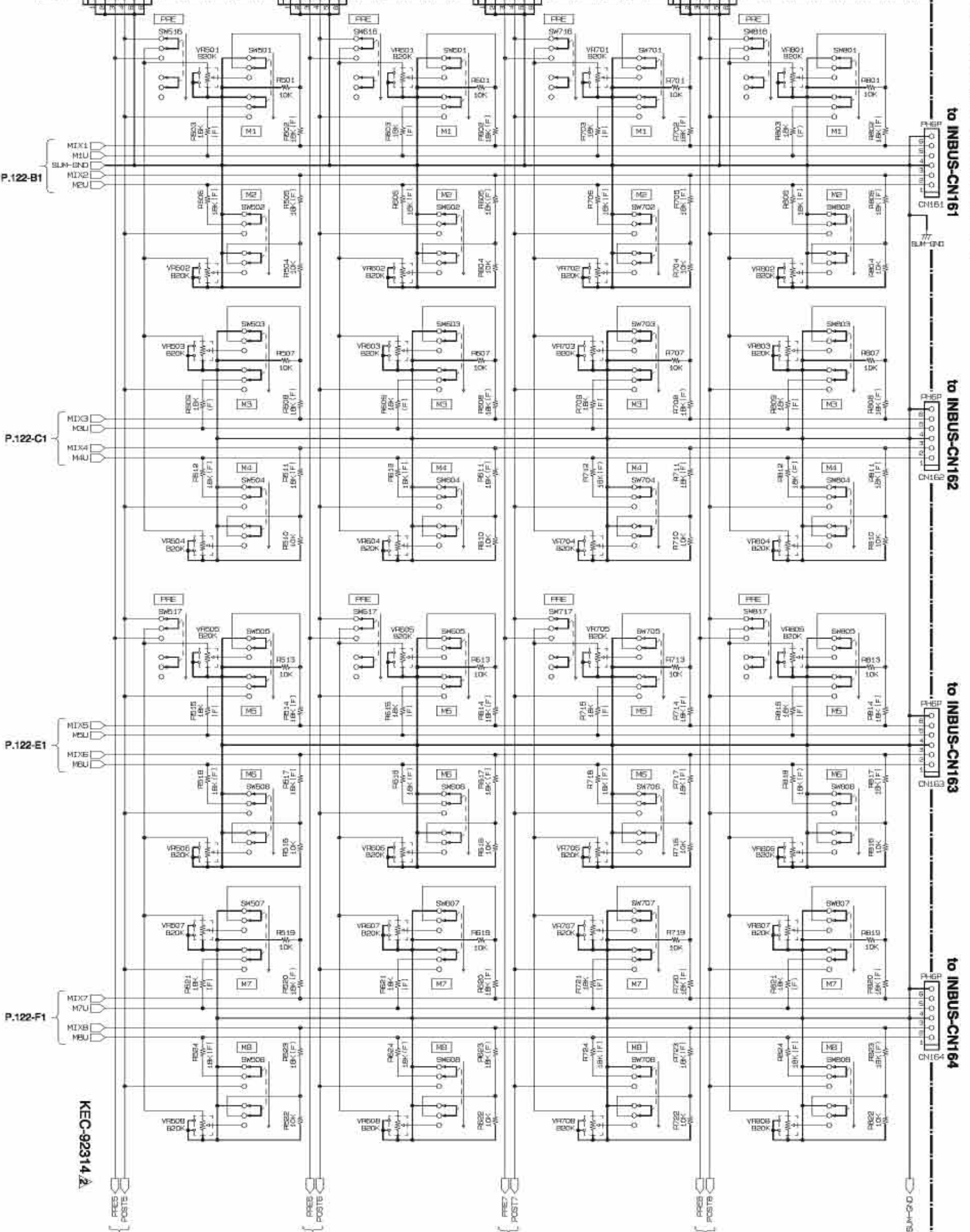
A B C D E F G H

INVRBS CIRCUIT DIAGRAM 3/4

M3000A

124 M3000A

M3000A



P.122-B1

P.122-C1

P.122-E1

P.122-F1

KEC-92314.A

6

5

4

3

2

1

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

A B C D E F G H

INVRBS CIRCUIT DIAGRAM 4/4

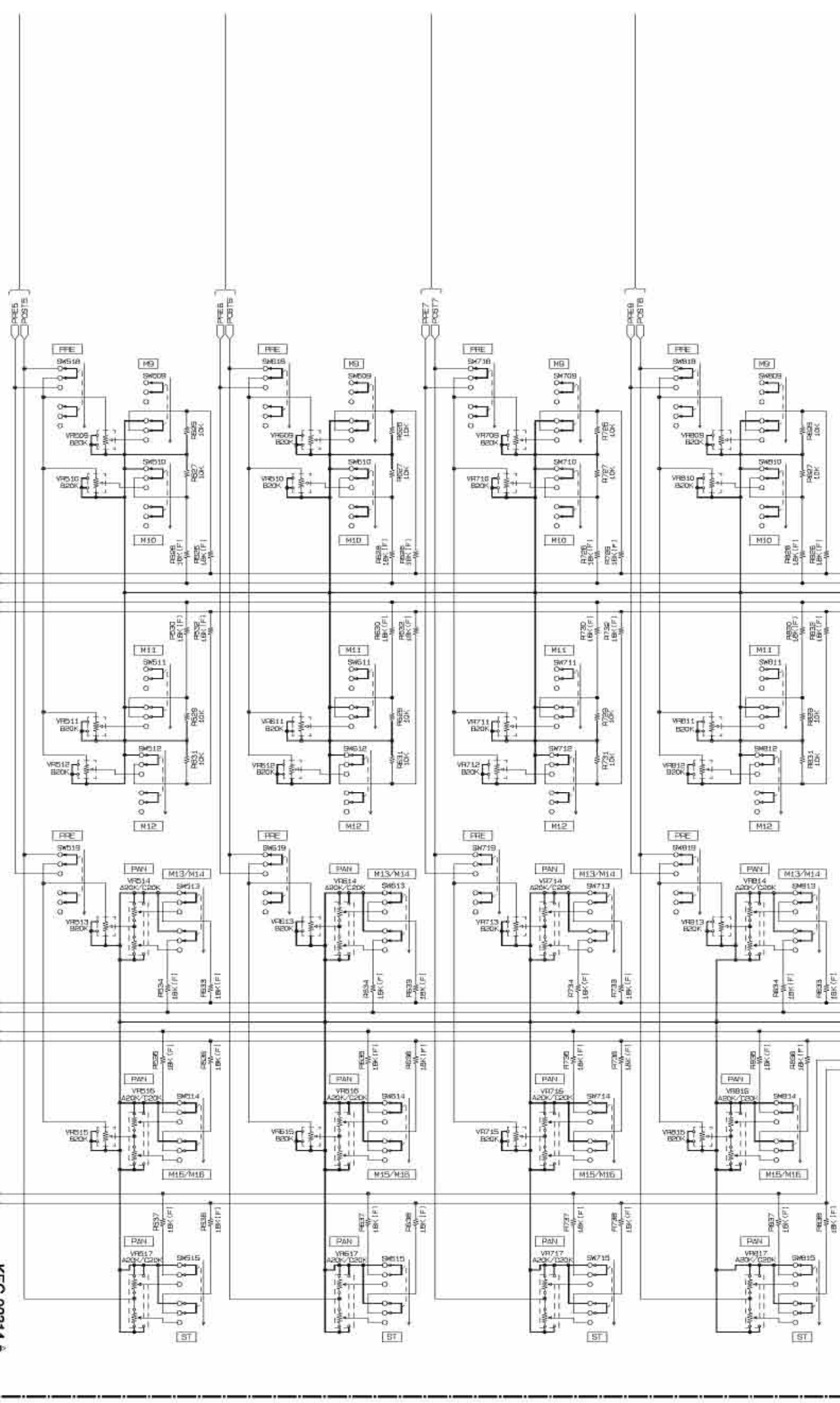
to INBUS-CN166

to INBUS-CN166

M3000A

1

DIG-INTS



KEC-92314

M3000A

M3000A

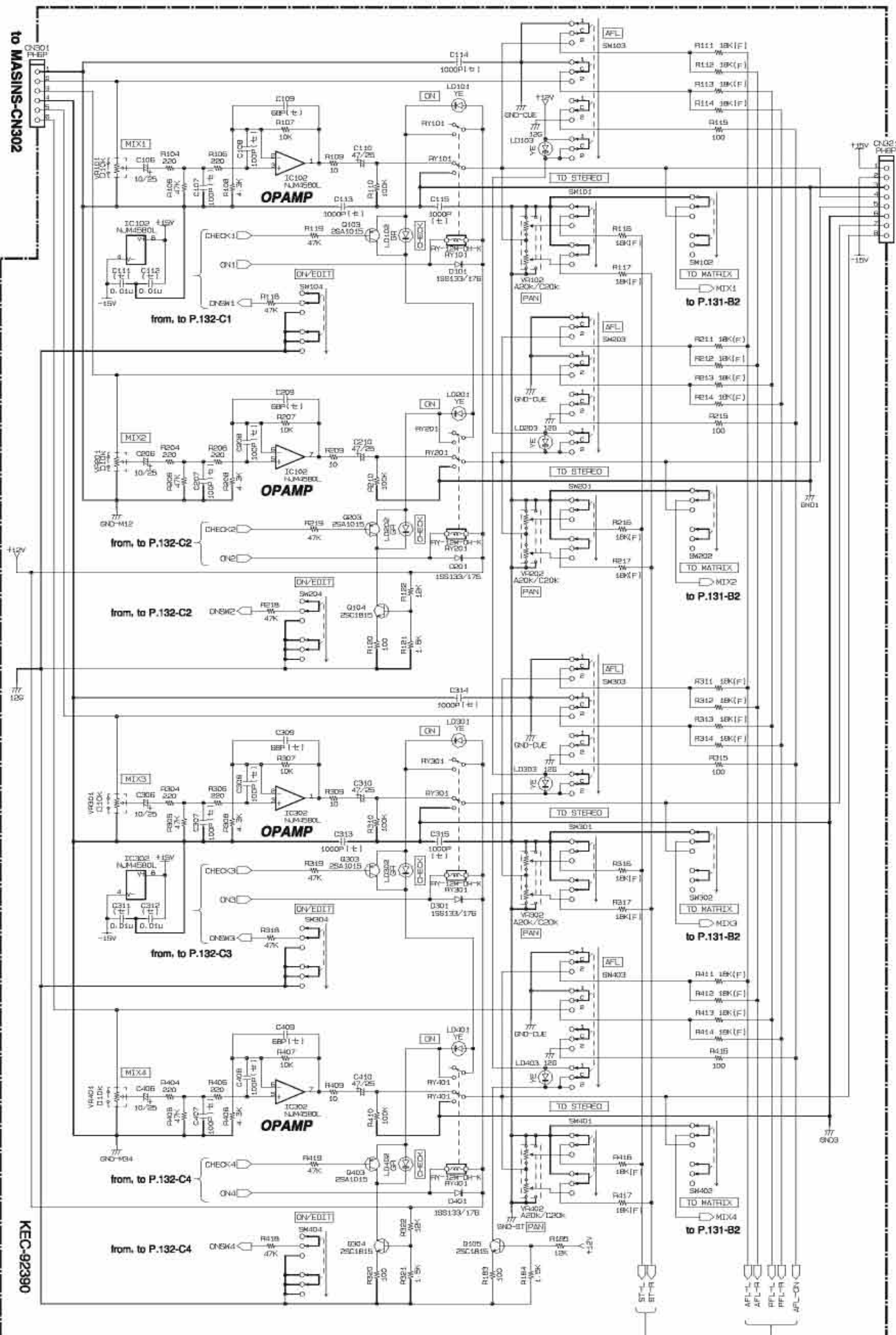
125

6

A B C D E F G H

MASTER CIRCUIT DIAGRAM 1/7

to MASOUT1-CN321



126 M3000A

M3000A

KEC-92390

M3000A

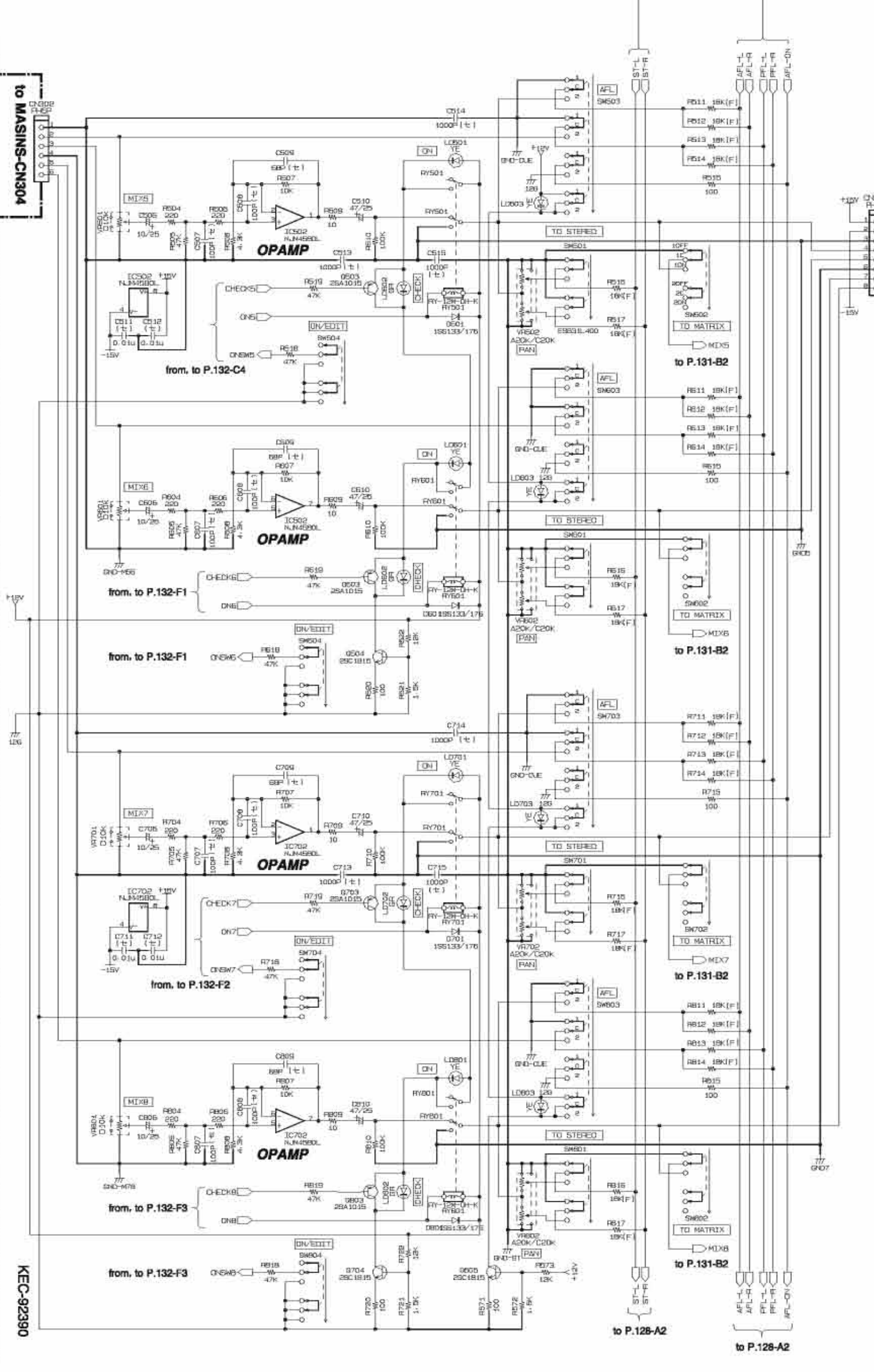
A B C D E F G H

A B C D E F G H

A B C D E F G H

MASTER CIRCUIT DIAGRAM 2/7

to MASOUT1-CN321



M3000A

to MASINS-CN304

M3000A

KEC-92390

M3000A

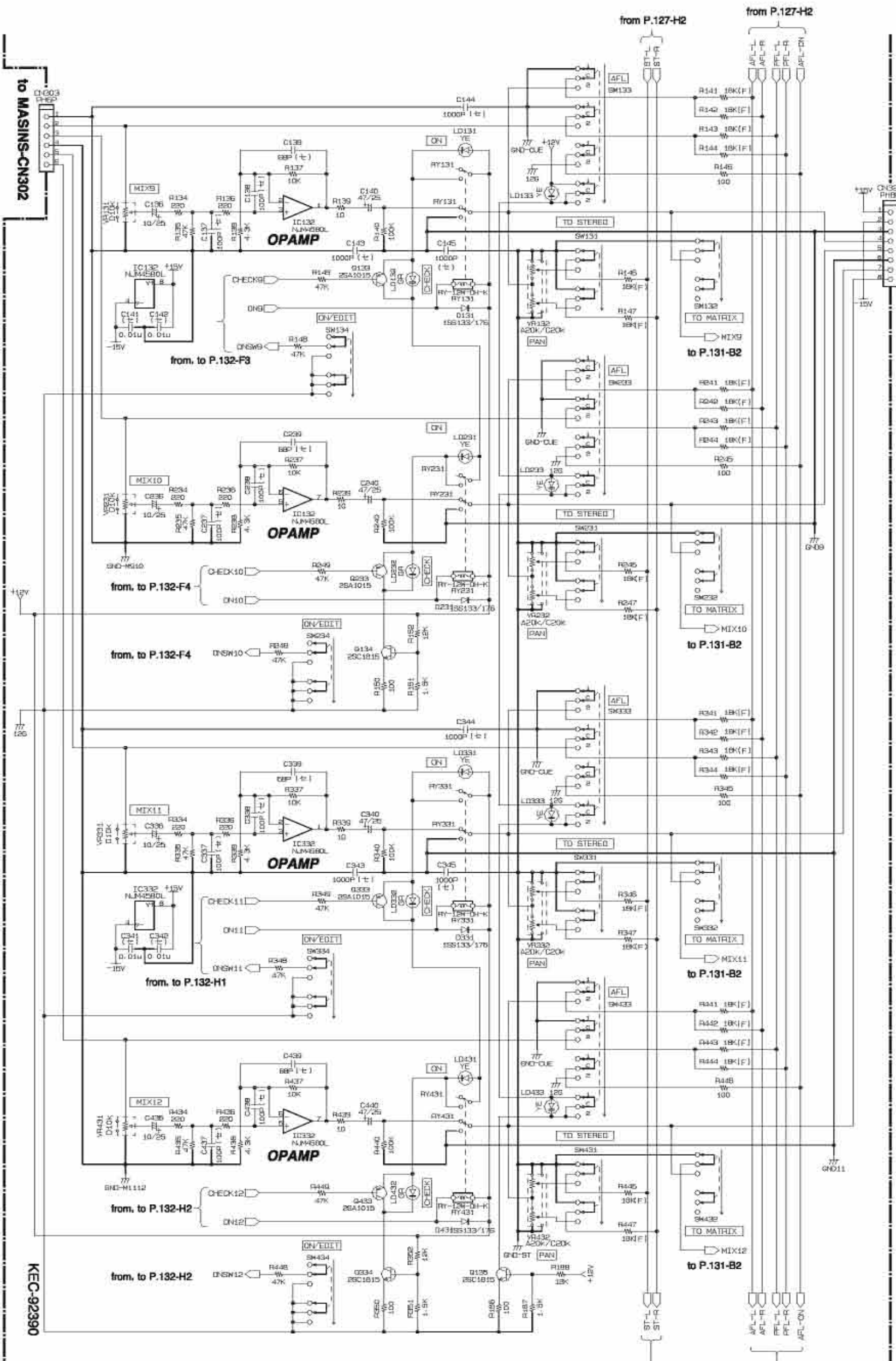
to P.128-A2

to P.128-A2

MASTER CIRCUIT DIAGRAM 3/7

to MASOUT1-CN321

M3000A



128 M3000A

M3000A

A B C D E F G H

A B C D E F G H

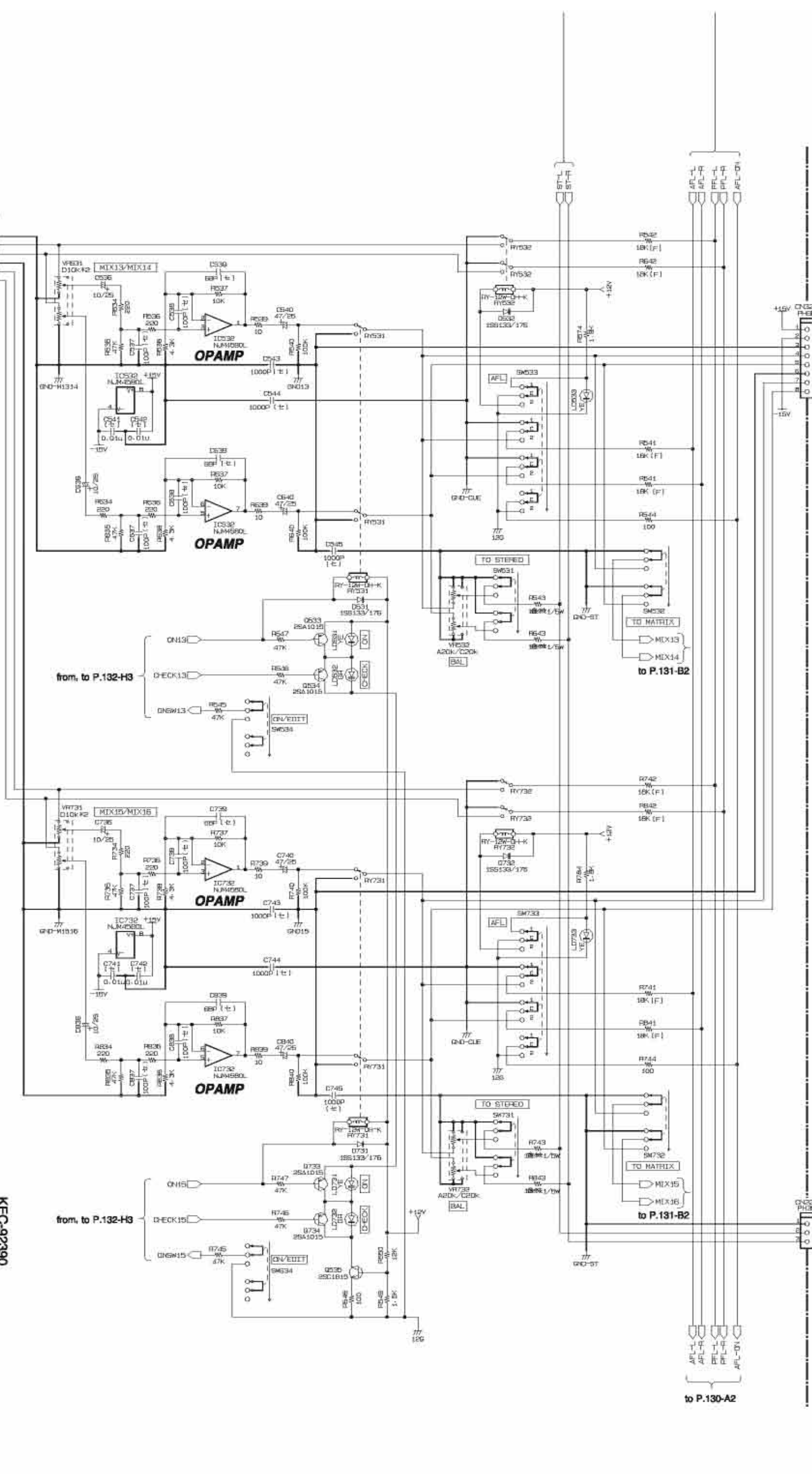
A B C D E F G H

MASTER CIRCUIT DIAGRAM 4/7

to MASOUT1-CN321

to SUBIN-CN222

M3000A



to MASINS-CN303

M3000A

129

KEC-92390

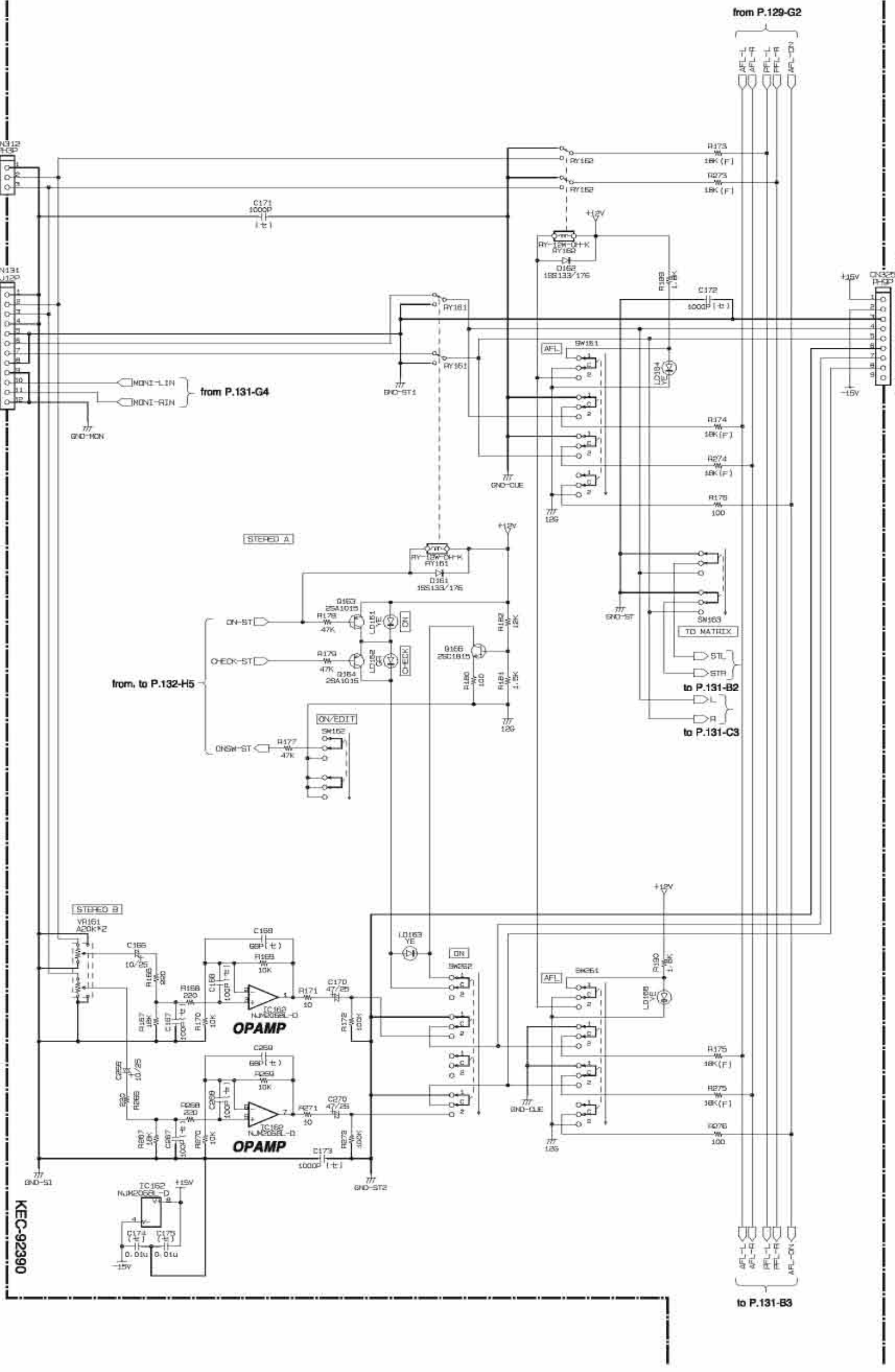
A B C D E F G H

6 5 4 3 2 1

MASTER CIRCUIT DIAGRAM 5/7

to MASOUT2-CN321

M3000A



M3000A

M3000A

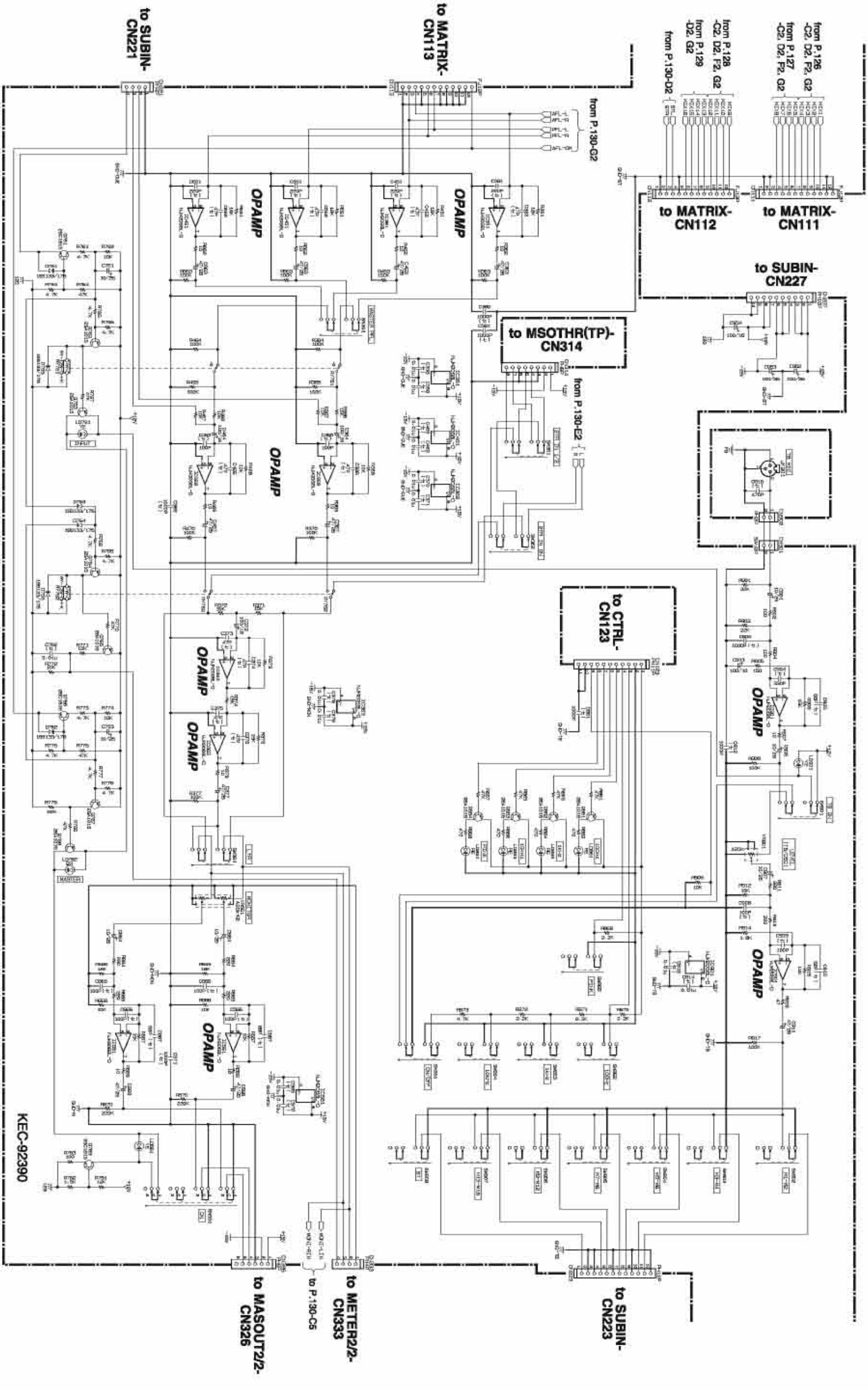
A B C D E F G H

A B C D E F G H

A B C D E F G H

MASTER CIRCUIT DIAGRAM 6/7

M3000A



M3000A

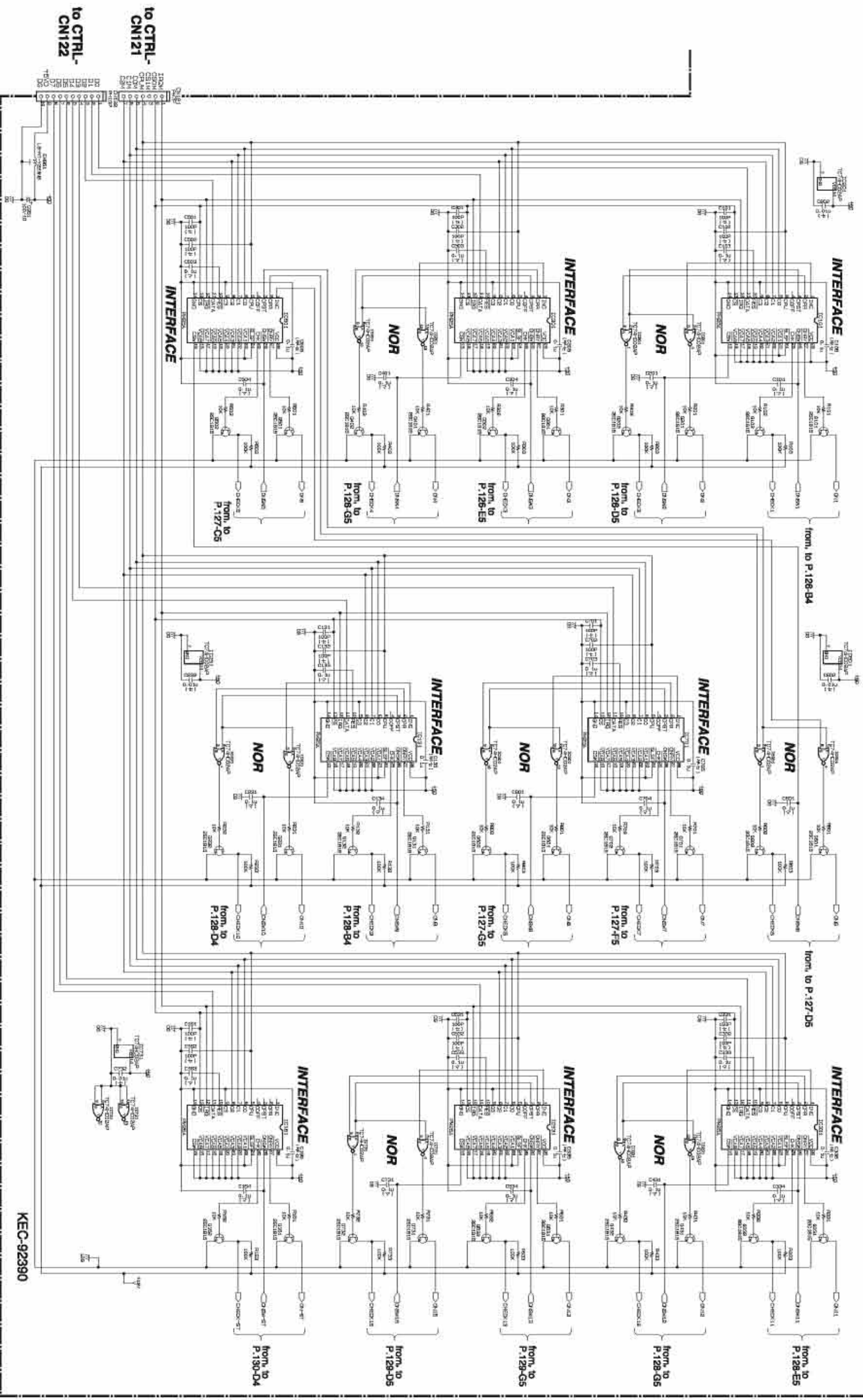
M3000A

A B C D E F G H

1 2 3 4 5 6

MASTER CIRCUIT DIAGRAM 717

M3000A



KEC-92390

M3000A

M3000A

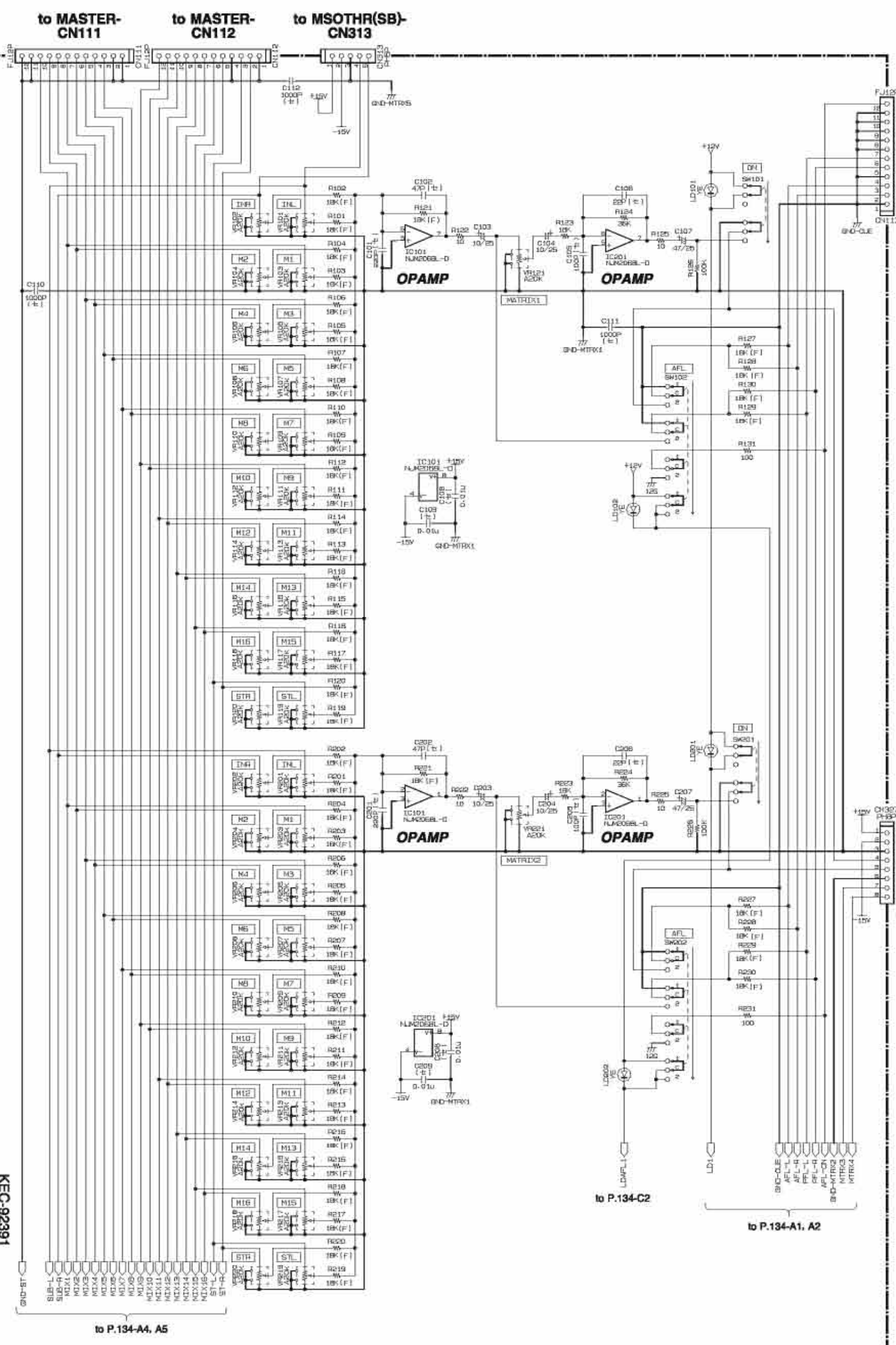
A B C D E F G H

MATRIX CIRCUIT DIAGRAM 1/4

to MASTER-CN113

to MASOUT1-CN321

M3000A



M3000A

M3000A

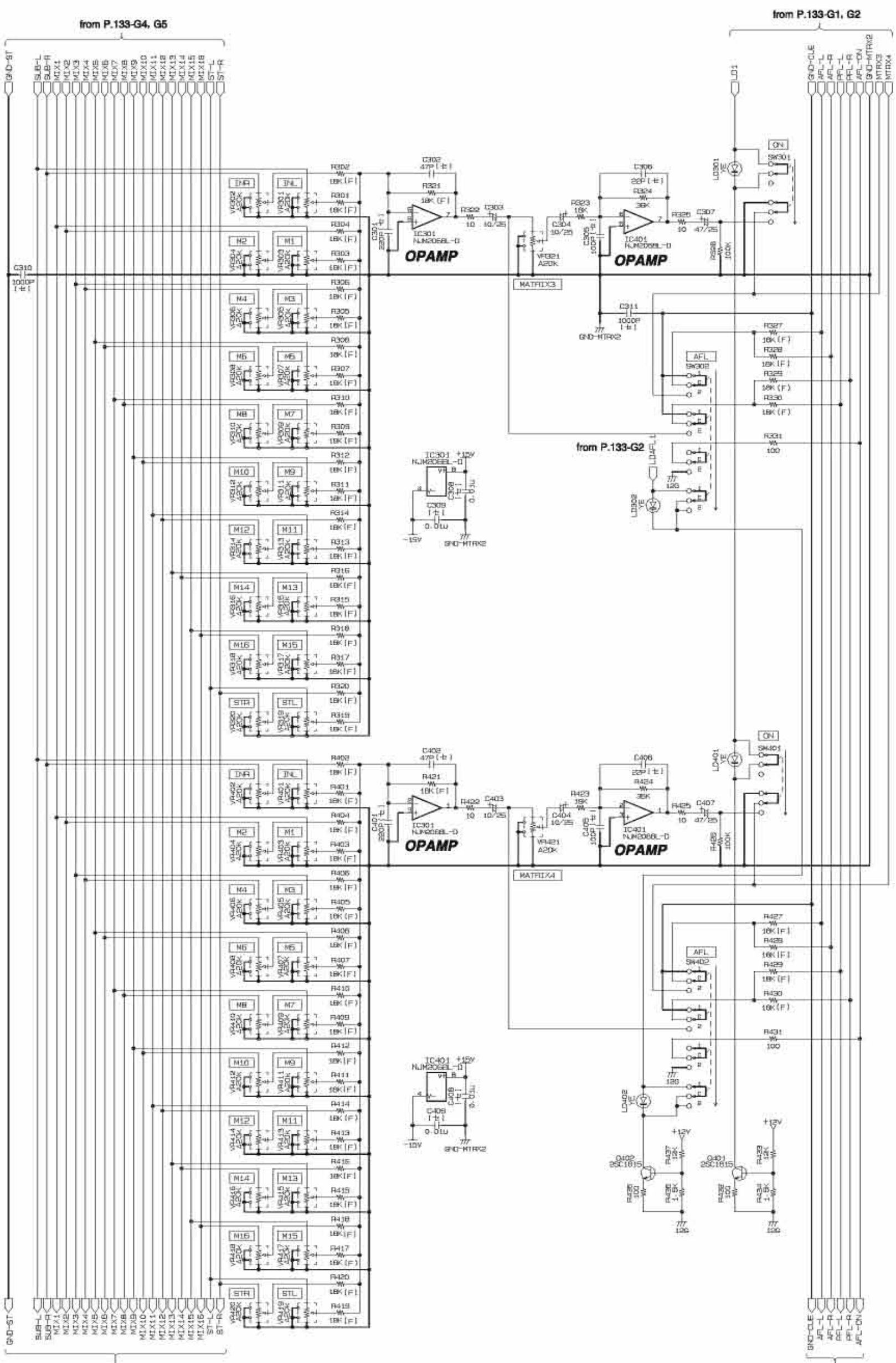
KEC-92391

A B C D E F G H

1 2 3 4 5 6

MATRIX CIRCUIT DIAGRAM 2/4

M3000A



134 M3000A

KEC-92326

M3000A

6

5

4

3

2

1

A

B

C

D

E

F

G

H

A

B

C

D

E

F

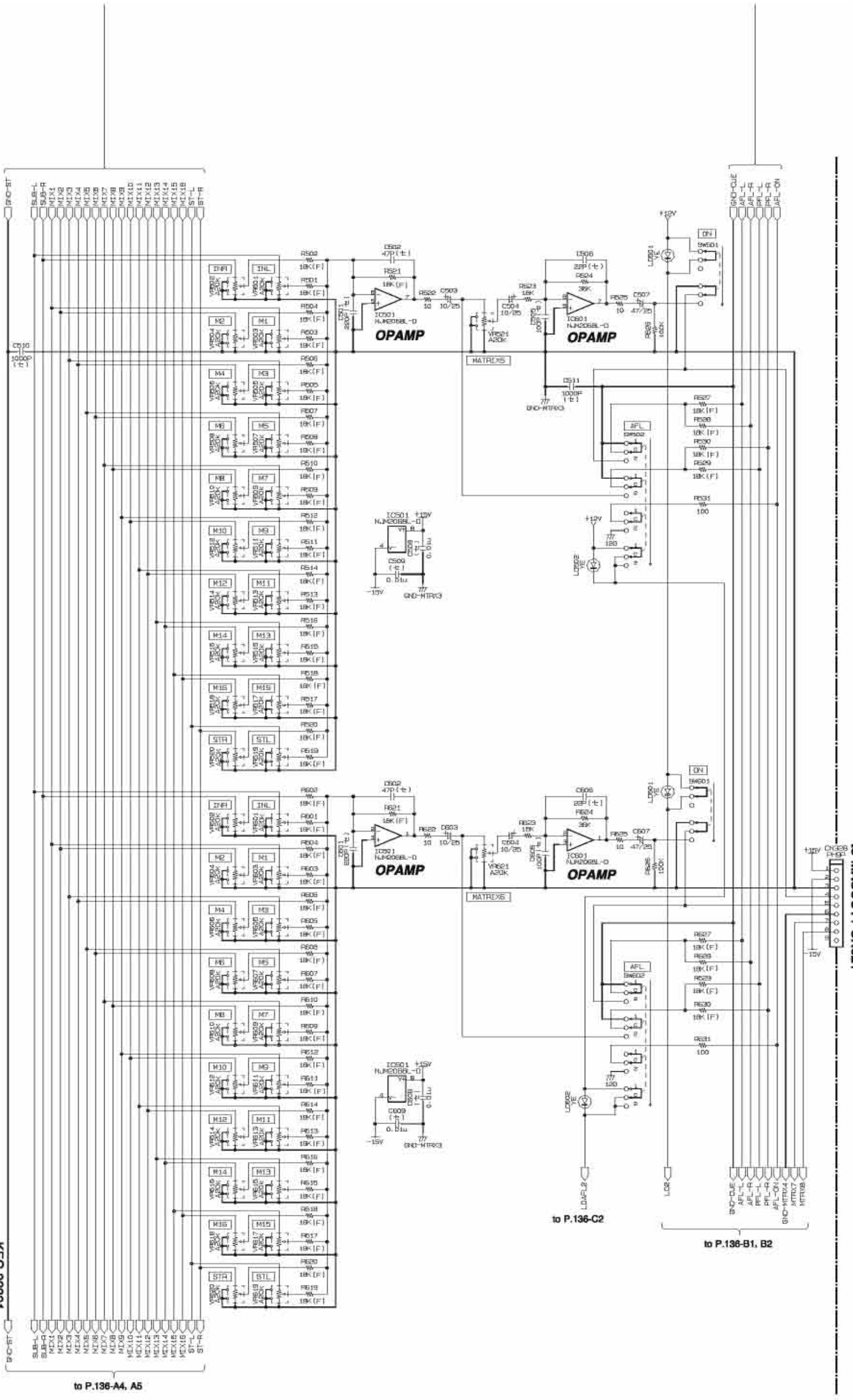
G

H

A B C D E F G H

■ MATRIX CIRCUIT DIAGRAM 3/4

M3000A



M3000A

KEC-92391

M3000A

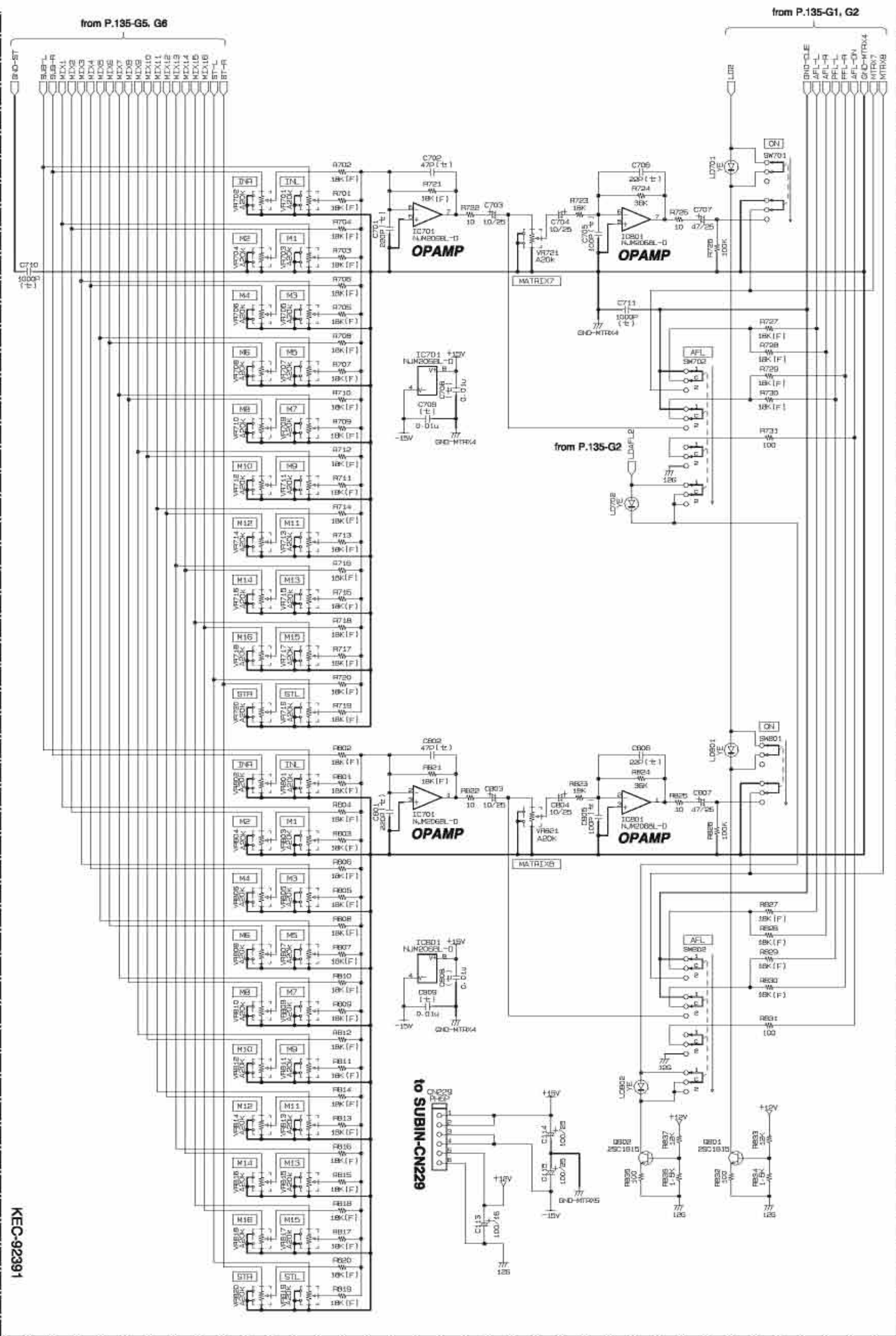
135

A B C D E F G H

6 5 4 3 2 1

MATRIX CIRCUIT DIAGRAM 4/4

M3000A



KEC-92391

136 M3000A

M3000A

A

B

C

D

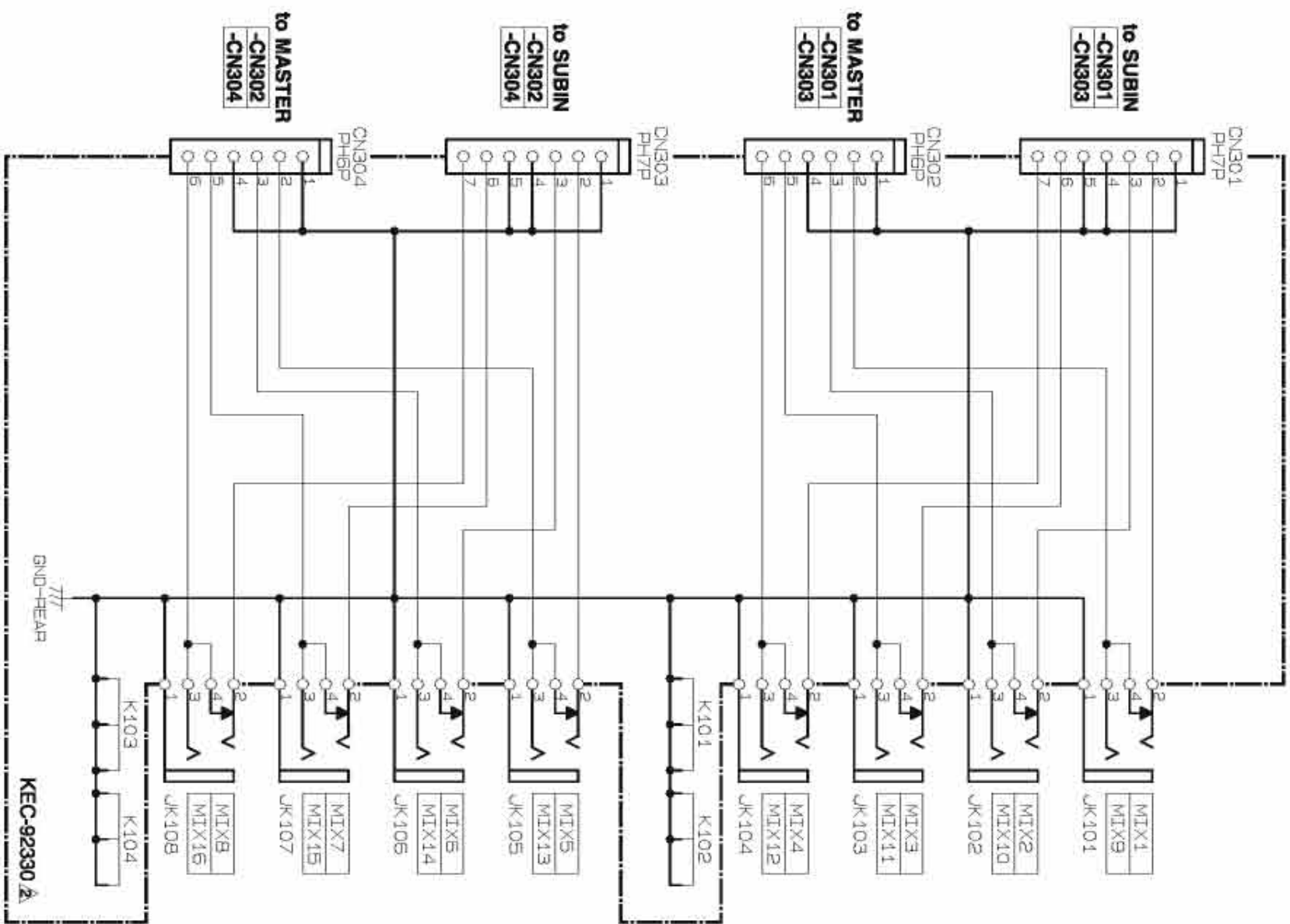
E

F

G

H

MASINS CIRCUIT DIAGRAM



M3000A

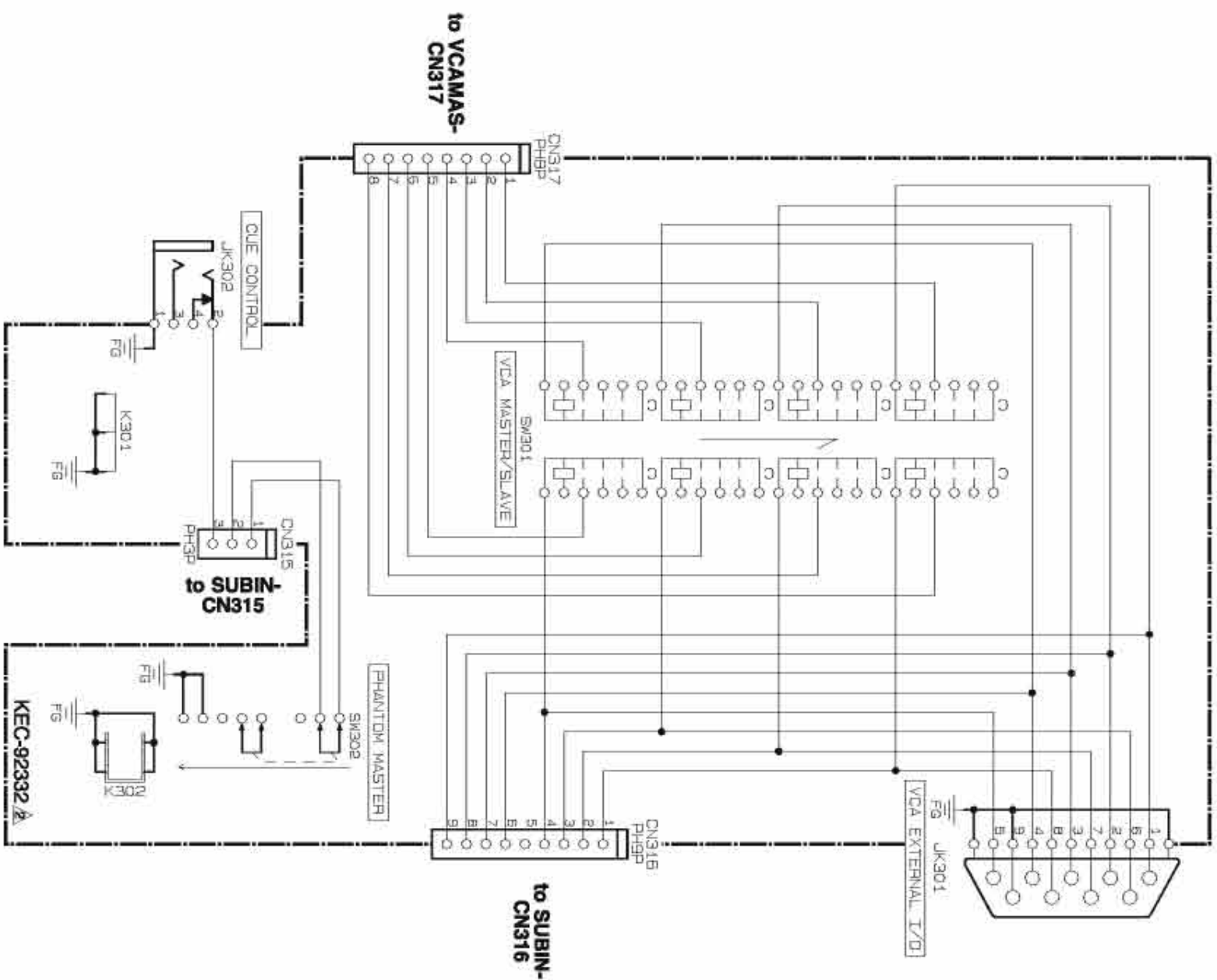
A

B

C

D

MASINS CIRCUIT DIAGRAM



M3000A

E

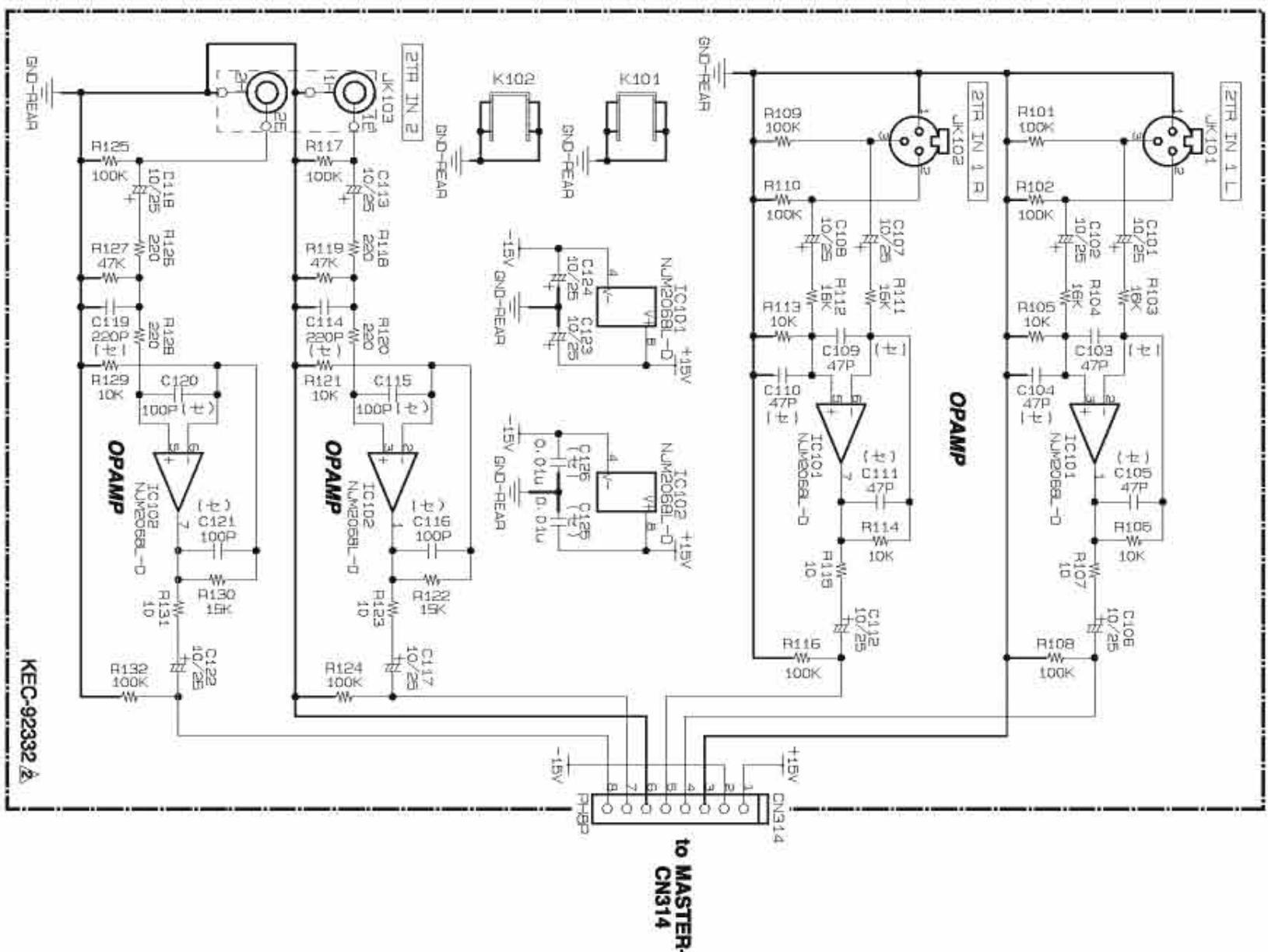
F

G

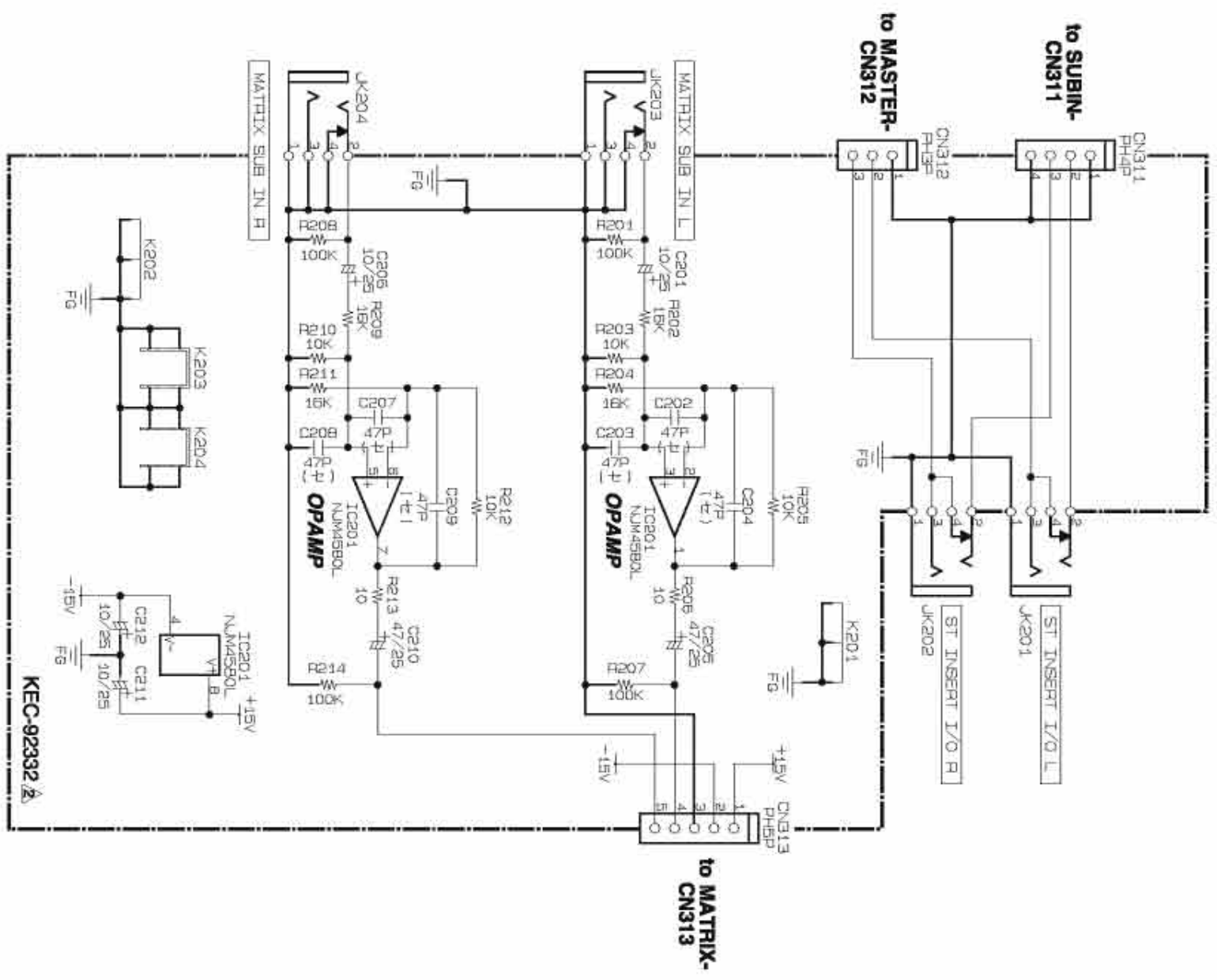
H

M3000A

MSOTHR (TP) CIRCUIT DIAGRAM

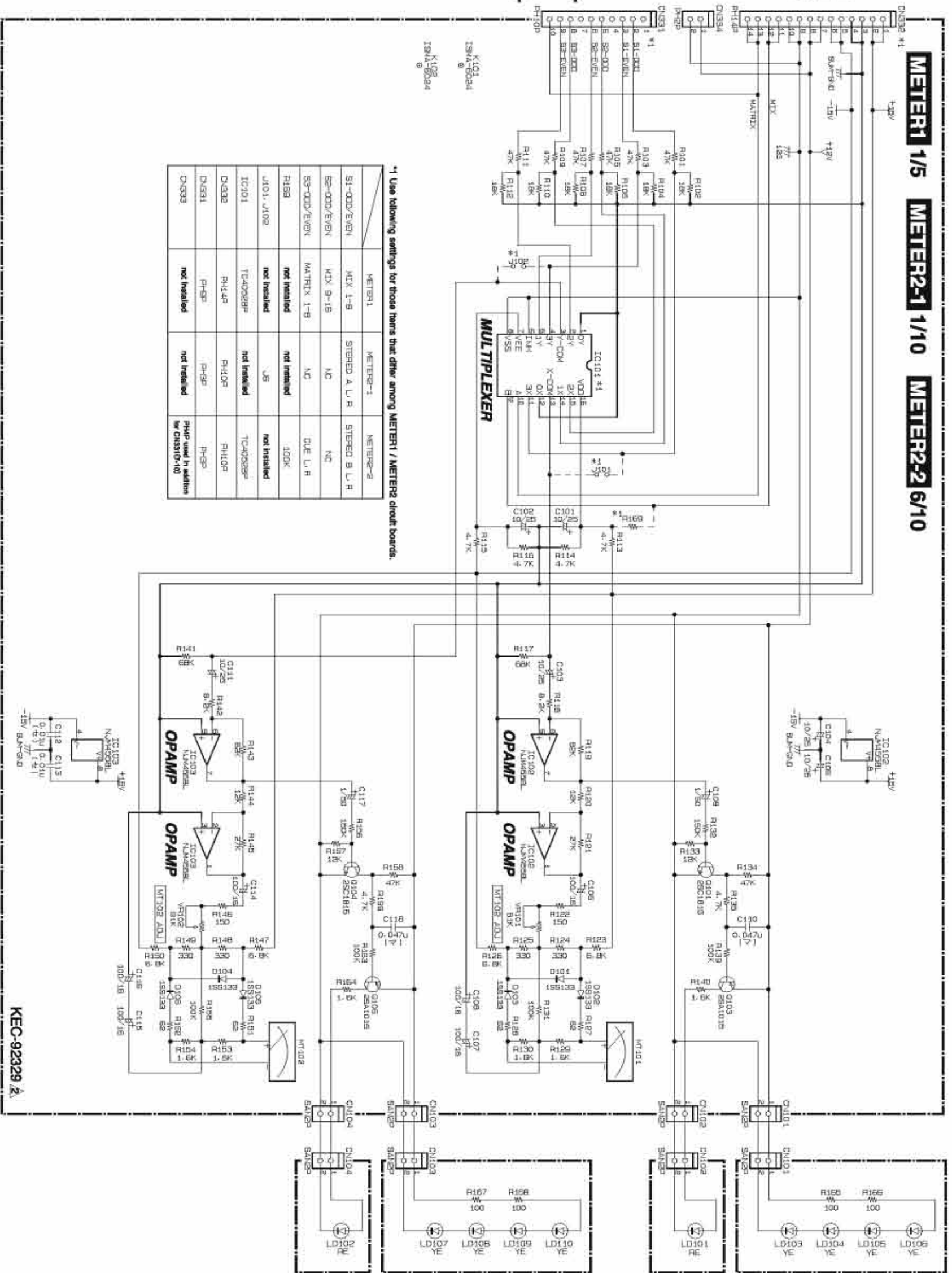


MSOTHR (SB) CIRCUIT DIAGRAM



METER [1/2] CIRCUIT DIAGRAM

METER1 1/5 METER2-1 1/10 METER2-2 6/10

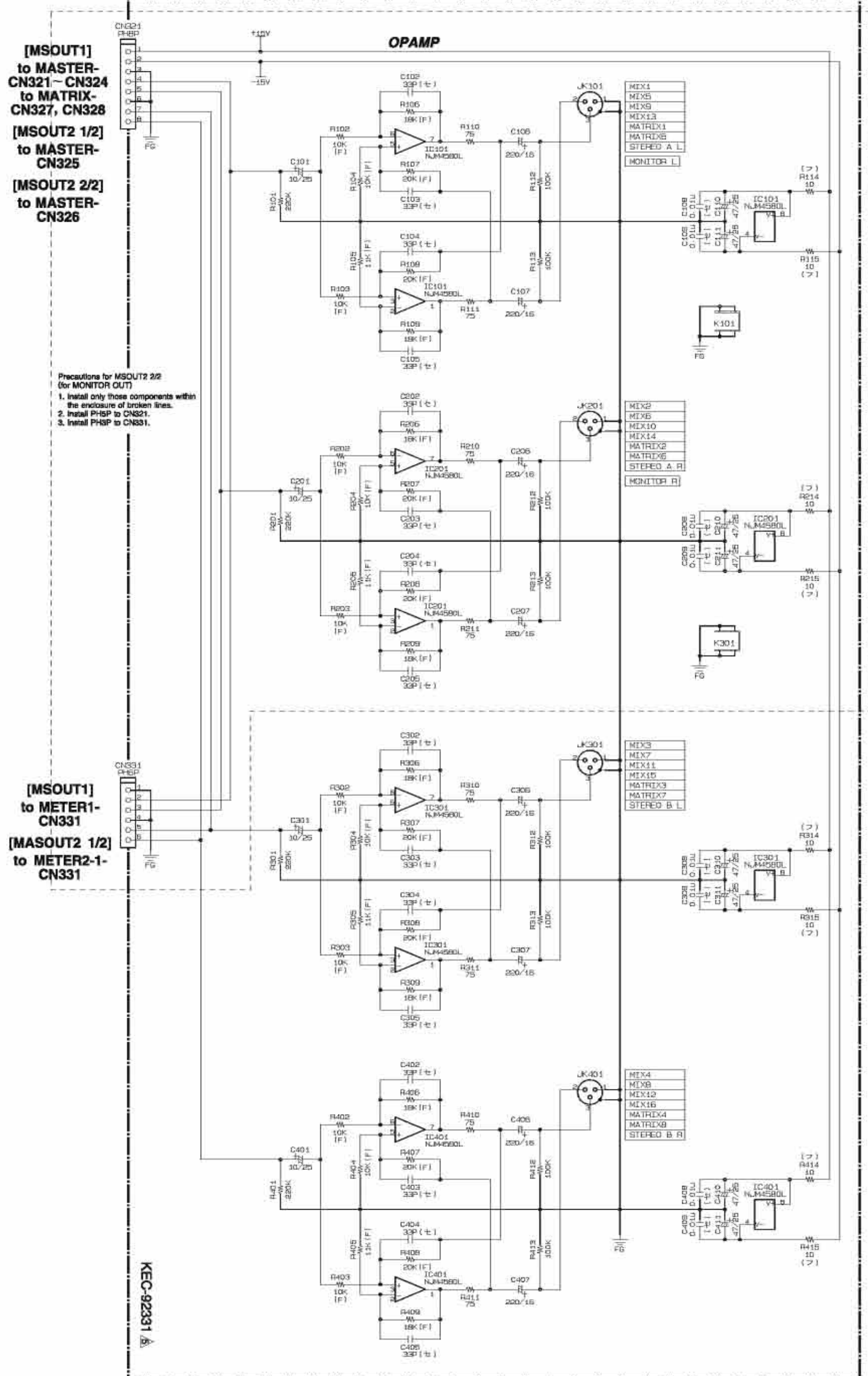


† Use following settings for those items that differ among METER1 / METER2 circuit boards.

	METER1	METER2-1	METER2-2
SI-ODD/EVEN	MIX 1-B	STEREO A L,R	STEREO B L,R
SE-ODD/EVEN	MIX 9-1B	NC	NC
SE-ODD/EVEN	MATRIX 1-B	NC	DUE L,R
R15B	not installed	not installed	100K
J101, J102	not installed	JS	not installed
IC101	TC4028BF	not installed	TC4028BF
CH42A	PH42P	PH10P	PH10P
CH43A	PH43P	PH43P	PH43P
CH43B	not installed	not installed	PH43P used in addition to CH43B-10

KEC-92329 &

MSOUT [1/2] CIRCUIT DIAGRAM



[MSOUT1] to MASTER-CN321 ~ CN324
 [MSOUT2 1/2] to MASTER-CN325
 [MSOUT2 2/2] to MASTER-CN326

[MSOUT1] to METER1-CN331
 [MASOUT2 1/2] to METER2-1-CN331

- Precautions for MSOUT2 2/2 (for MONITOR OUT)
1. Install only those components within the enclosure of broken lines.
 2. Install PH5P to CNS21.
 3. Install PH5P to CNS31.

140 M3000A

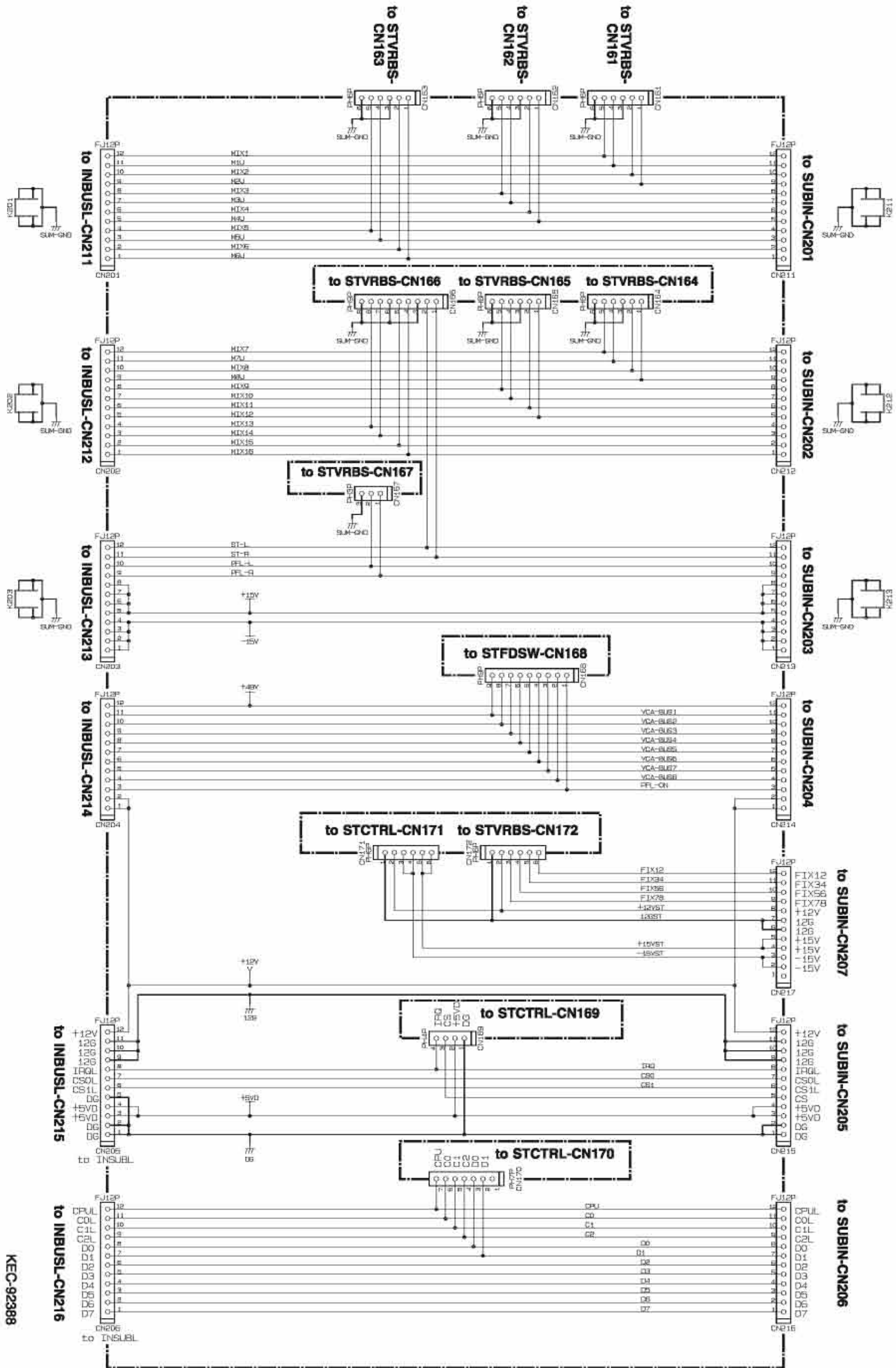
M3000A

M3000A

A B C D E F G H

A B C D E F G H

STBUS CIRCUIT DIAGRAM



M3000A

KEC-92388

M3000A

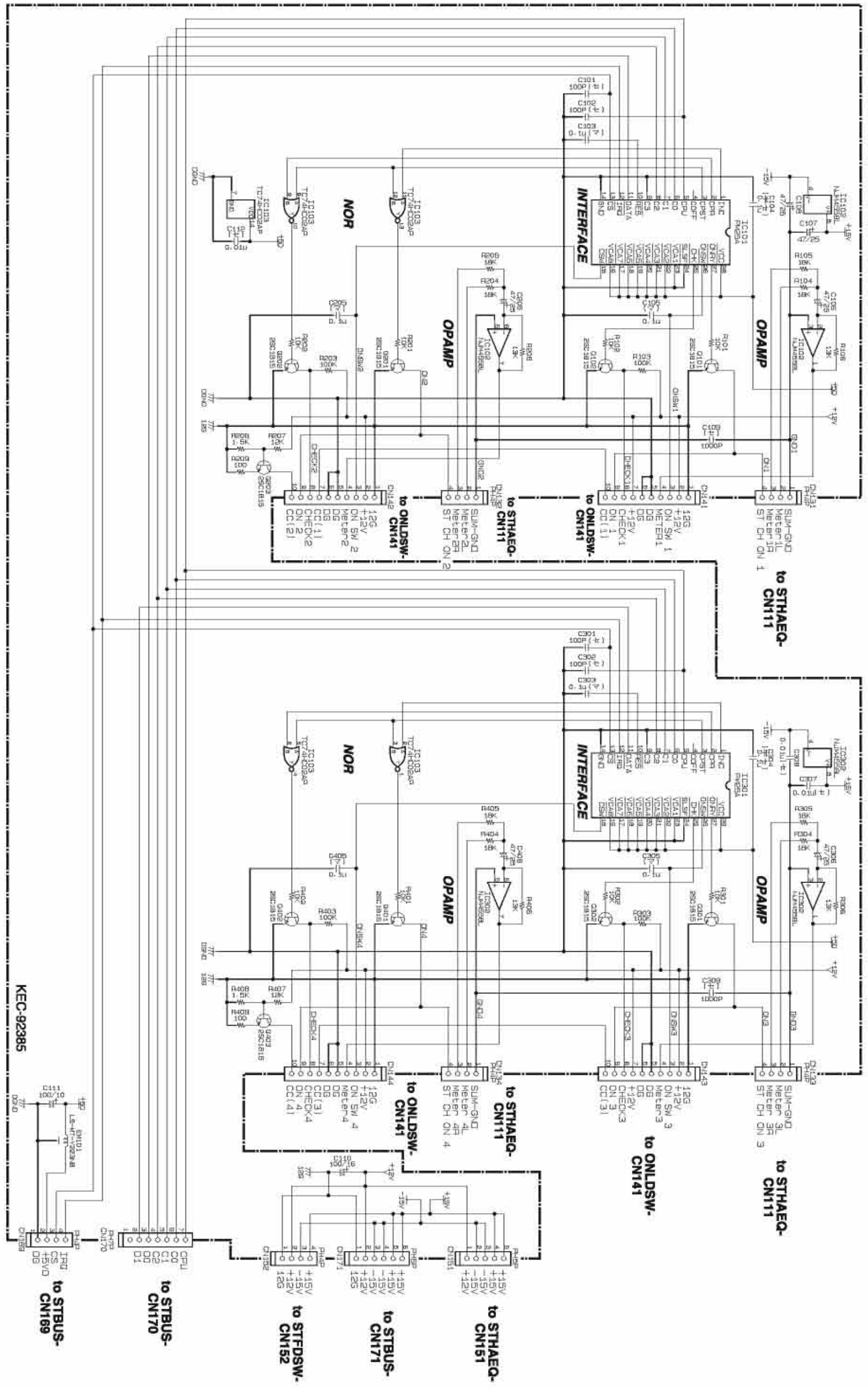
141

M3000A

A B C D E F G H

1 2 3 4 5 6

STCTRL CIRCUIT DIAGRAM



M3000A

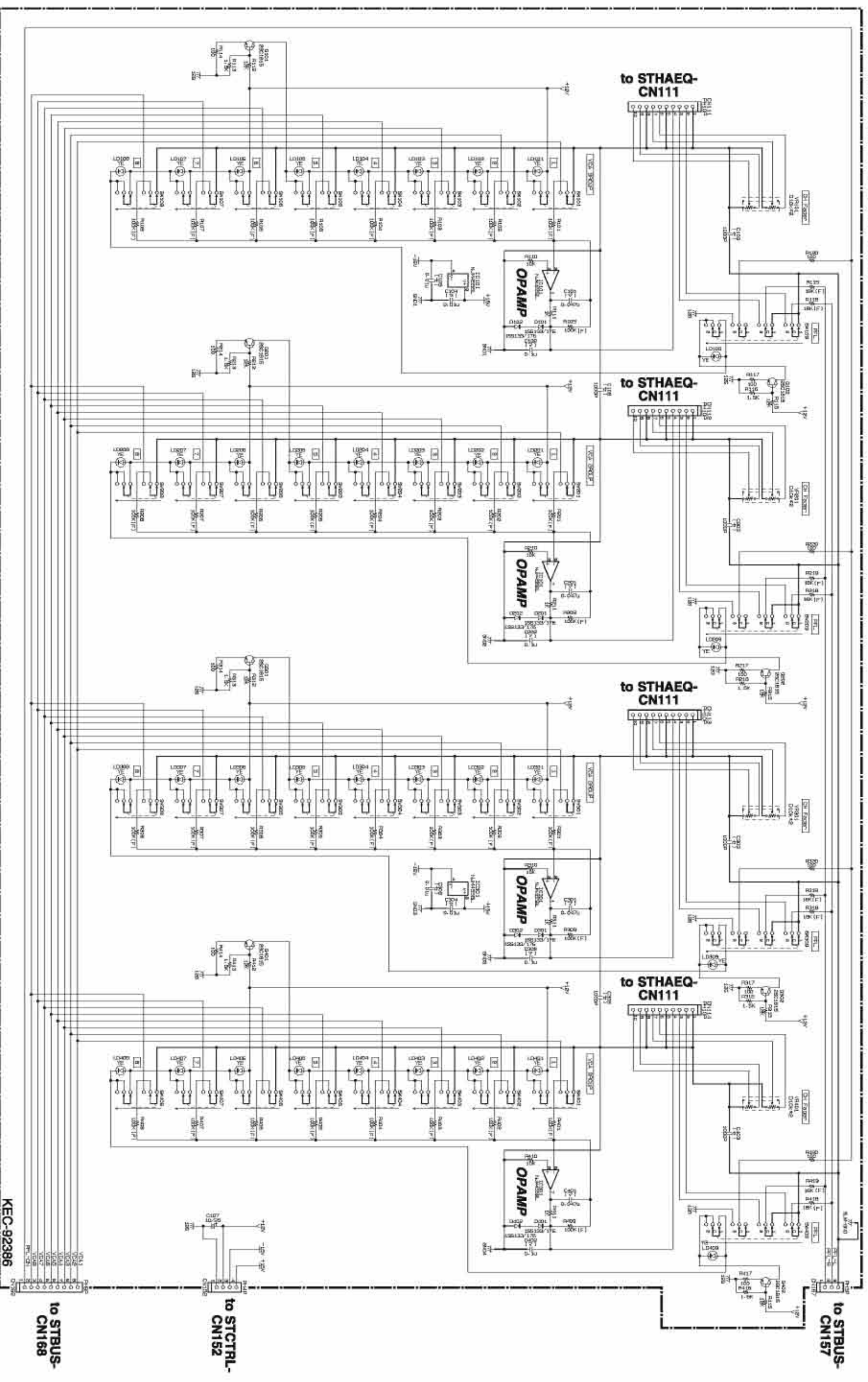
142 M3000A

KEC-92385

M3000A

A B C D E F G H

STFDSW CIRCUIT DIAGRAM



M3000A

M3000A

143

KEC-92396

to STBUS-CN168

to STCTRL-CN152

to STHAEQ-CN111

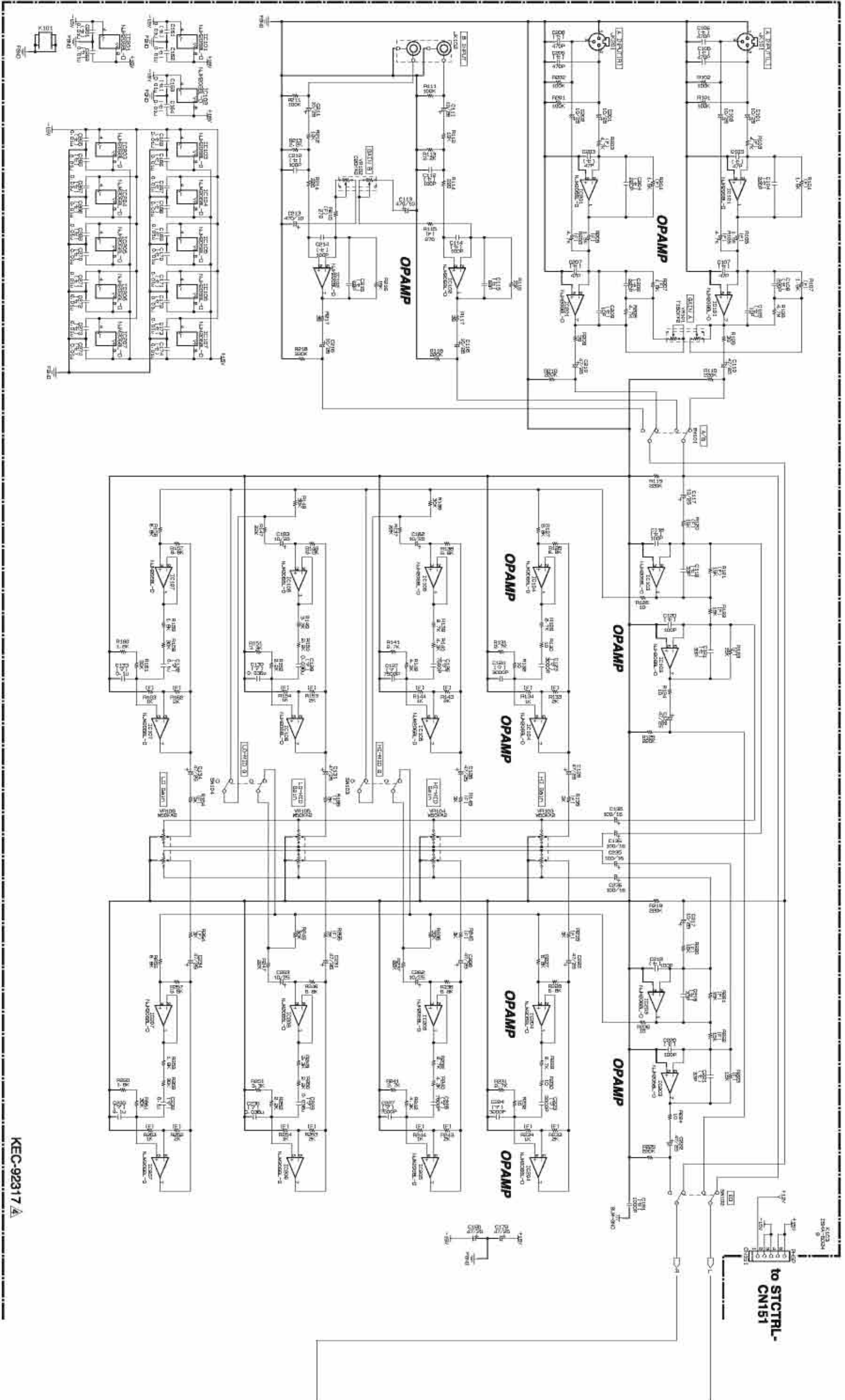
to STBUS-CN157

A B C D E F G H

1 2 3 4 5 6

STHAEQ CIRCUIT DIAGRAM 1/2

M3000A



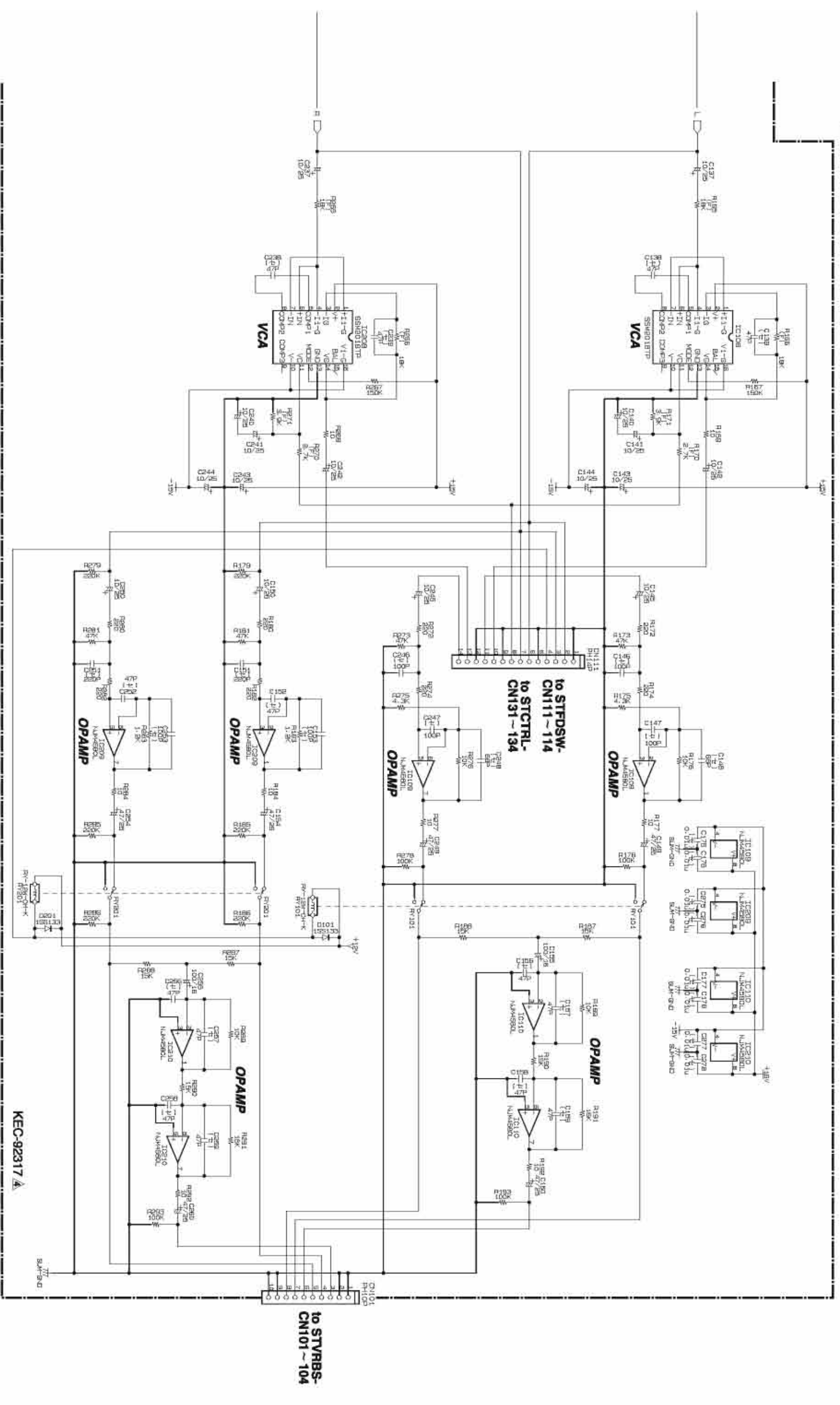
KEC-92317 A

144 M3000A

M3000A

A B C D E F G H

STHAEQ CIRCUIT DIAGRAM 2/2



M3000A

1

M3000A

M3000A

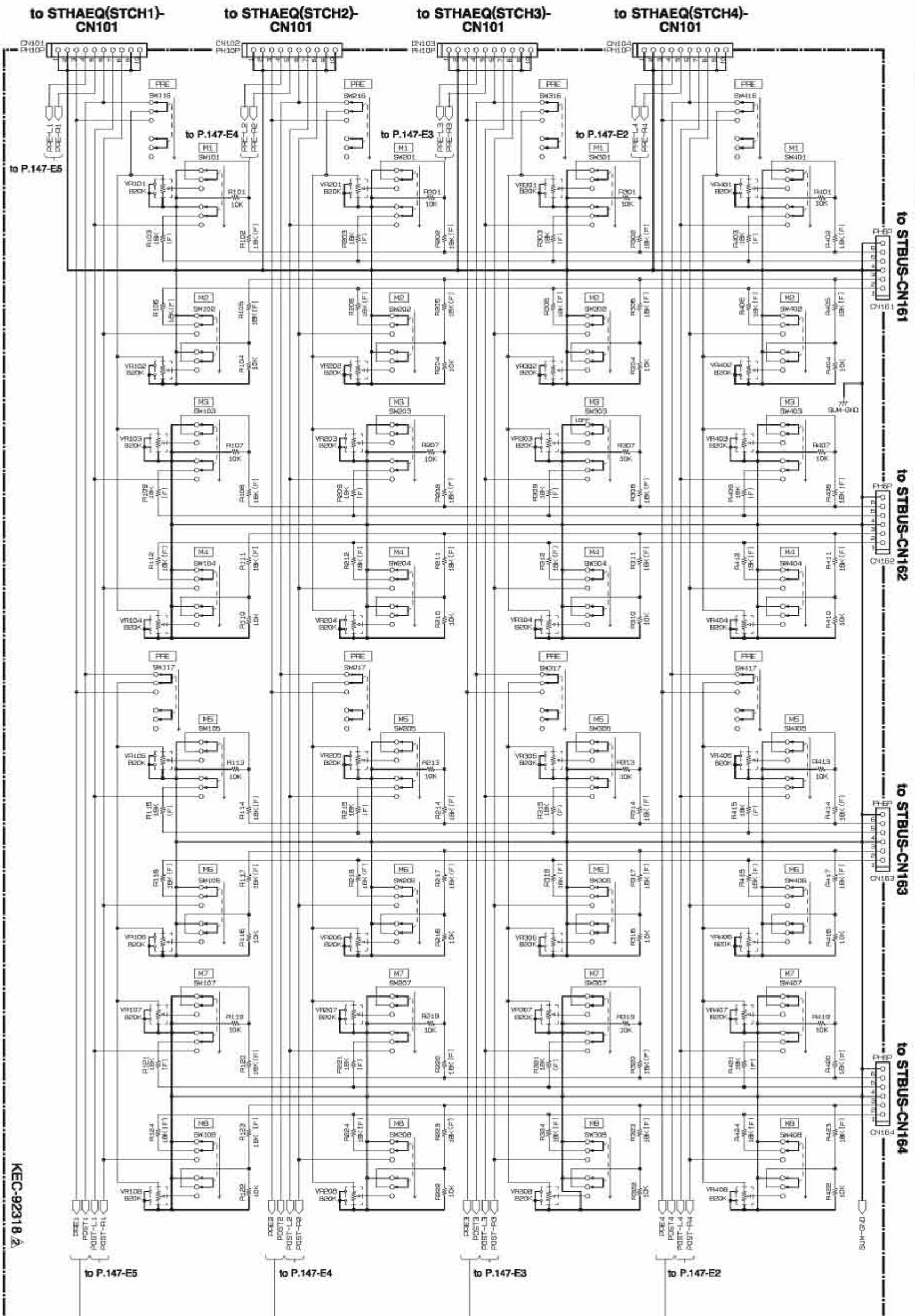
145

6

A B C D E F G H

STVRBS CIRCUIT DIAGRAM 1/3

M3000A



146 M3000A

KEC-92318 A

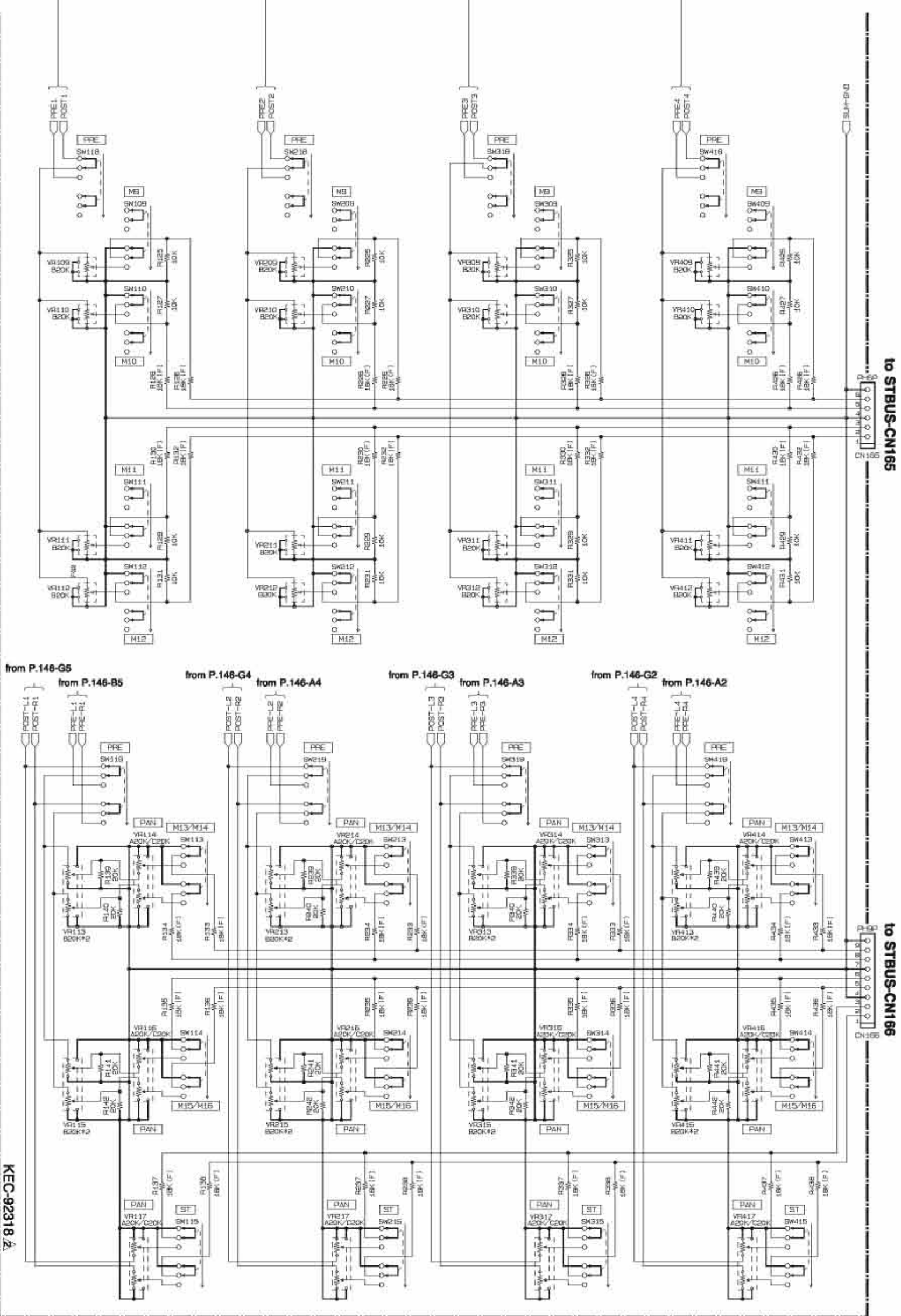
M3000A

A B C D E F G H

6 5 4 3 2 1

A B C D E F G H

STVRBS CIRCUIT DIAGRAM 2/3



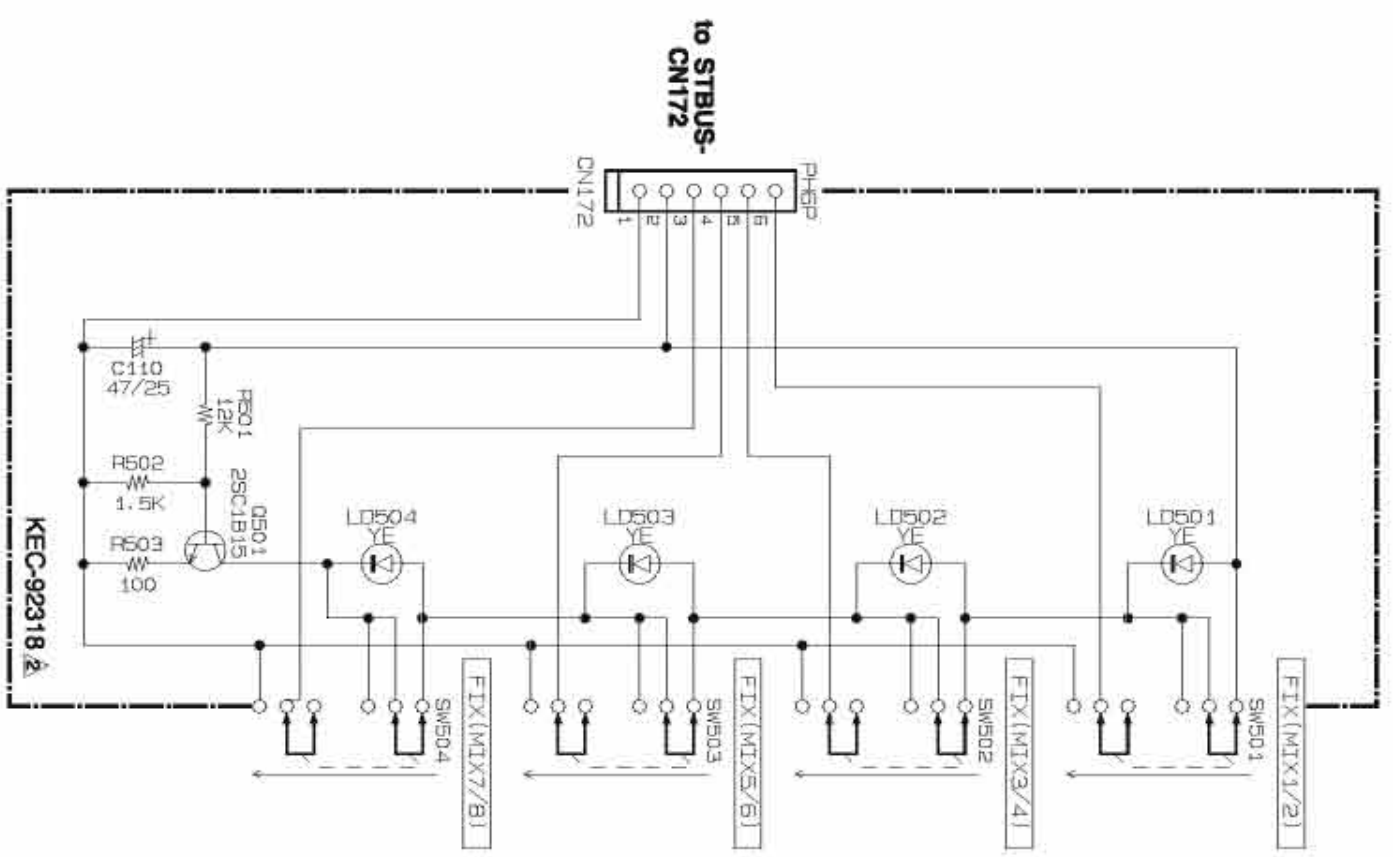
M3000A

M3000A

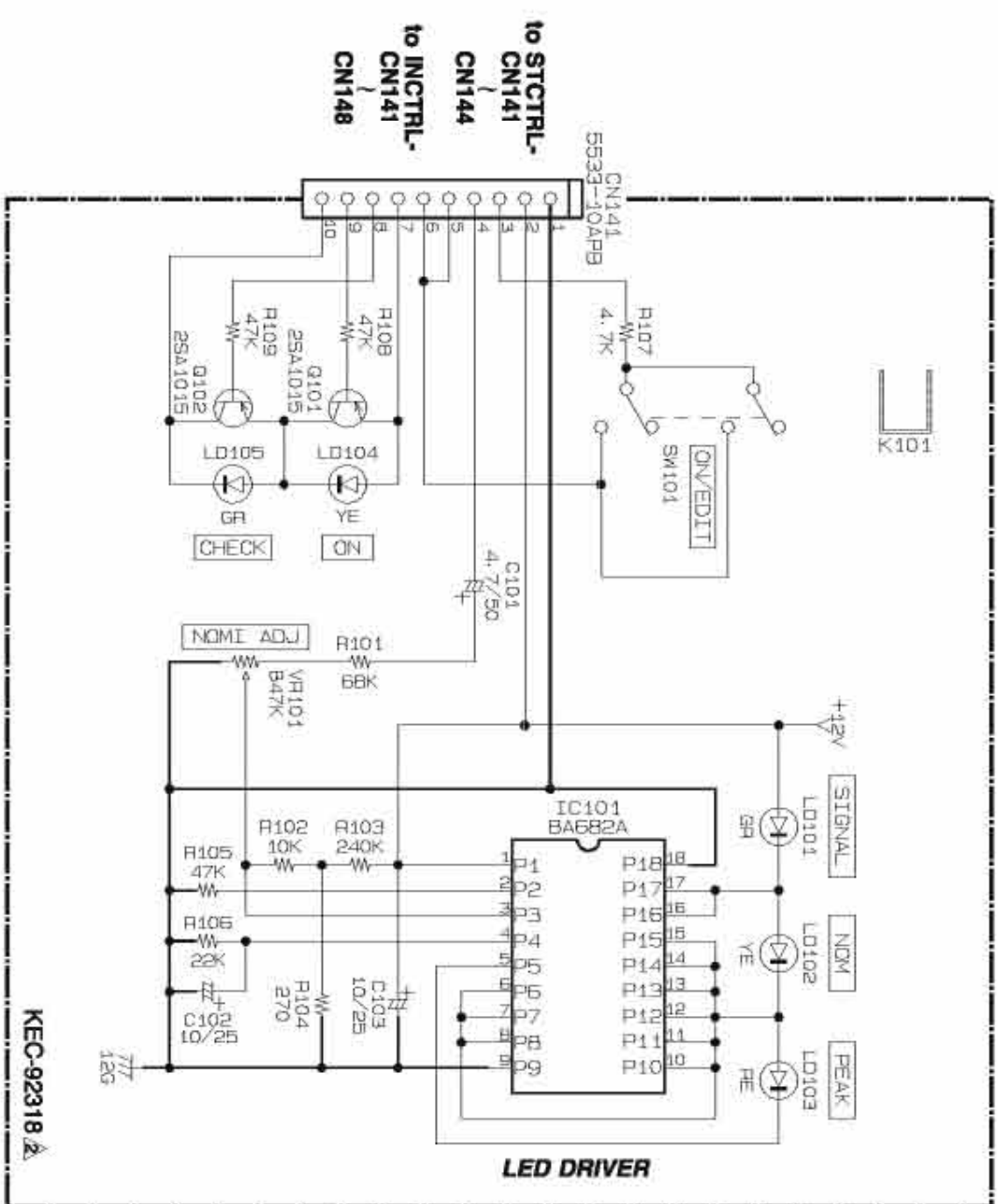
A B C D E F G H

6 5 4 3 2 1

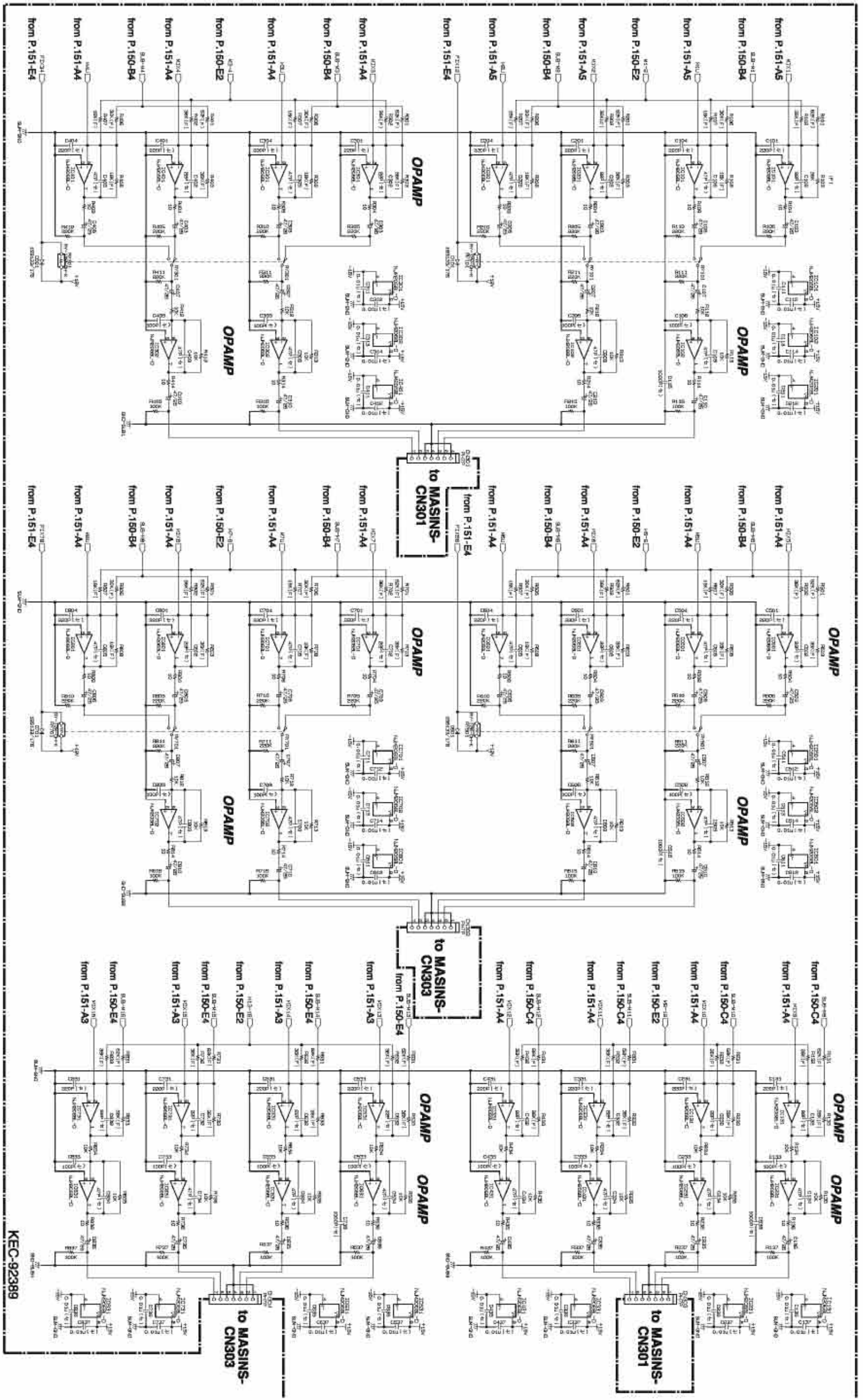
1 ■ STVRBS CIRCUIT DIAGRAM 3/3



2 ■ ONLDSW CIRCUIT DIAGRAM



■ SUBIN CIRCUIT DIAGRAM 1/3



M3000A

M3000A

M3000A

KEC-92389

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

1

2

3

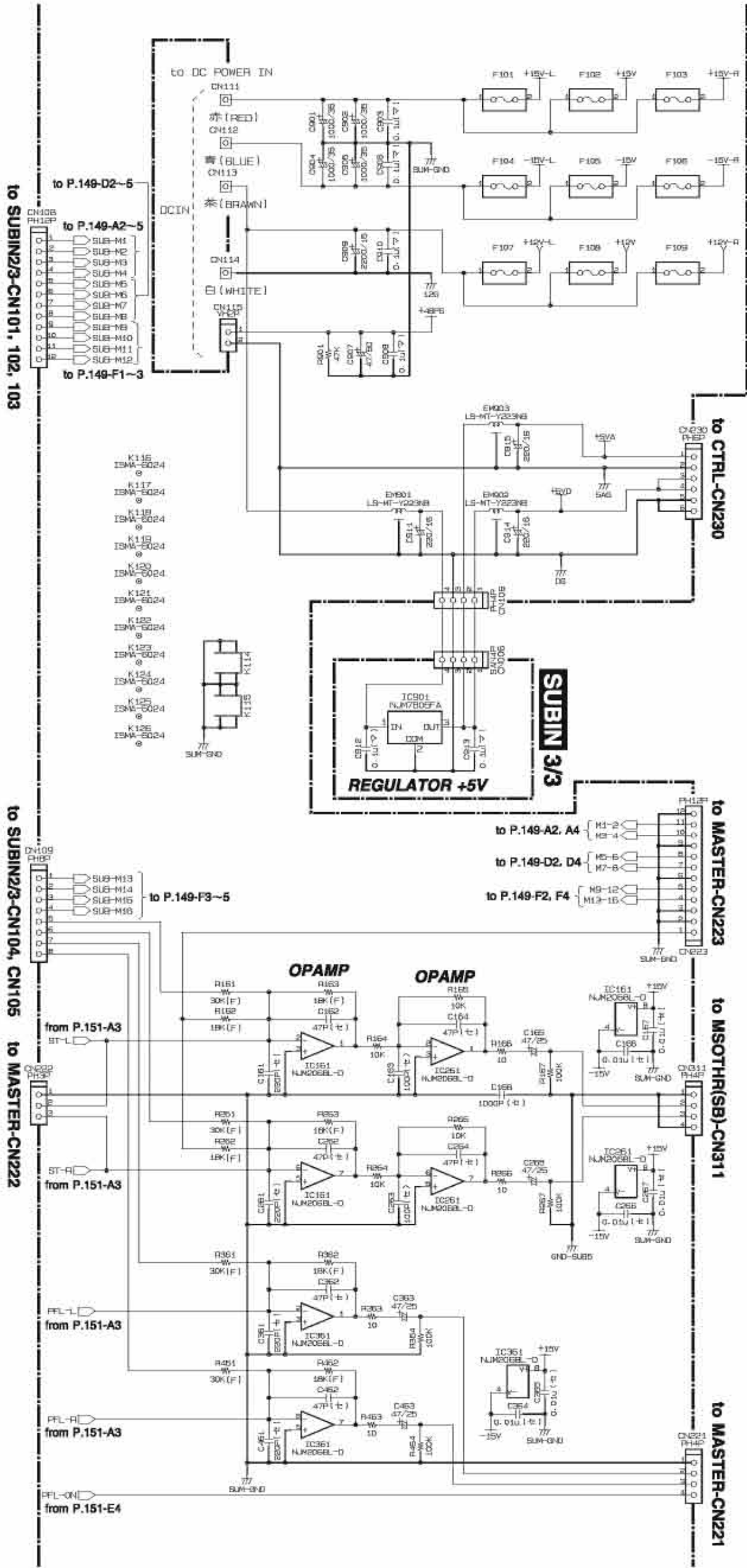
4

5

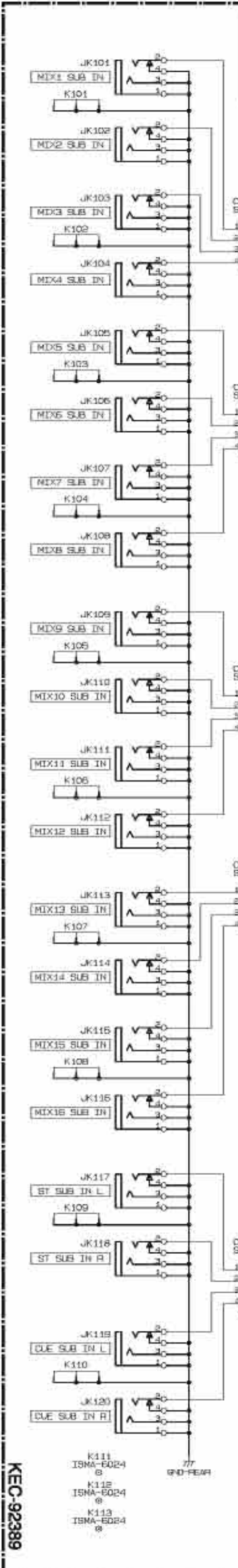
6

SUBIN CIRCUIT DIAGRAM 2/3

M3000A



SUBIN 2/3

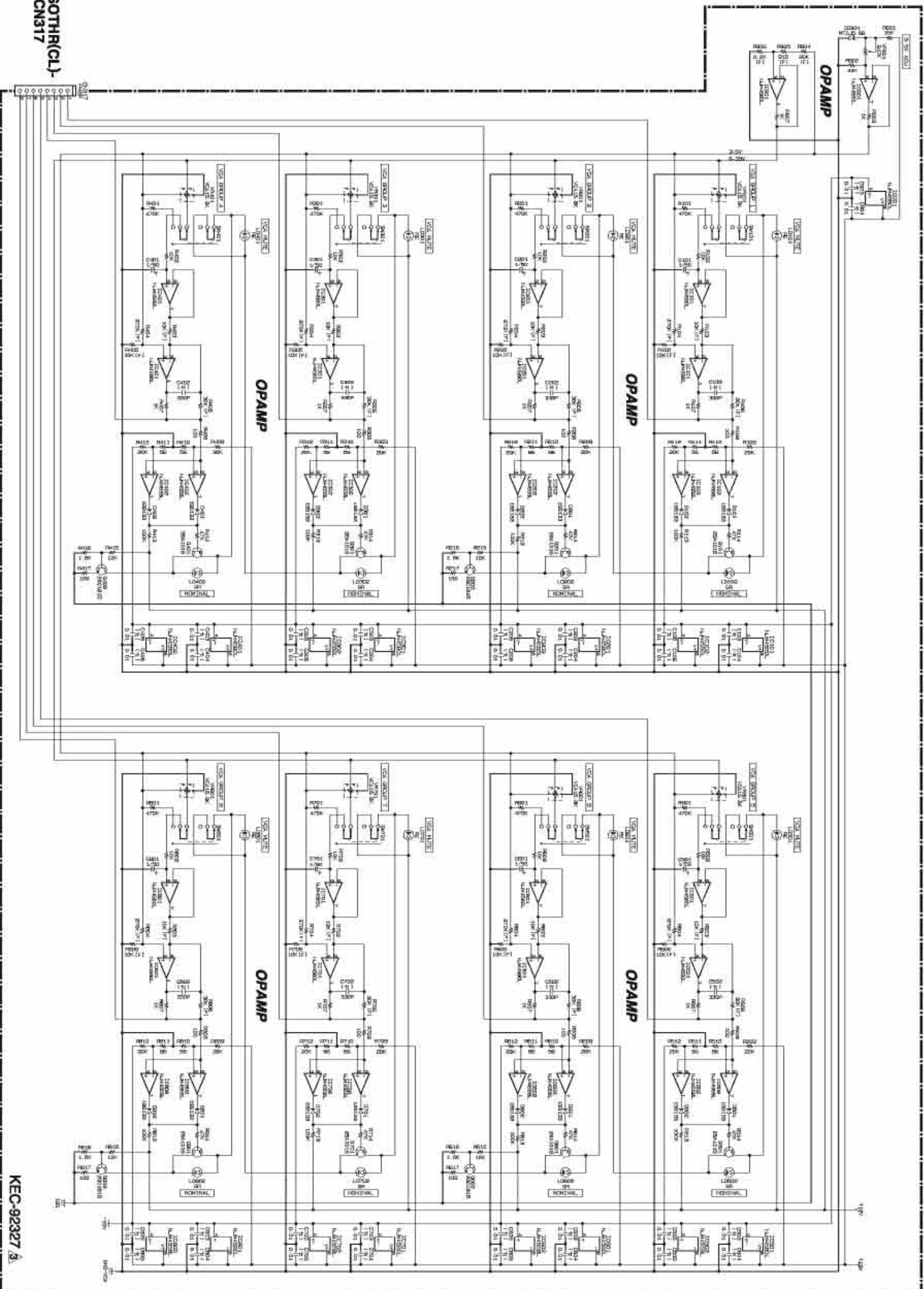


150 M3000A

M3000A

VCAMAS CIRCUIT DIAGRAM 1/2

M3000A



152 M3000A

M3000A

A

B

C

D

E

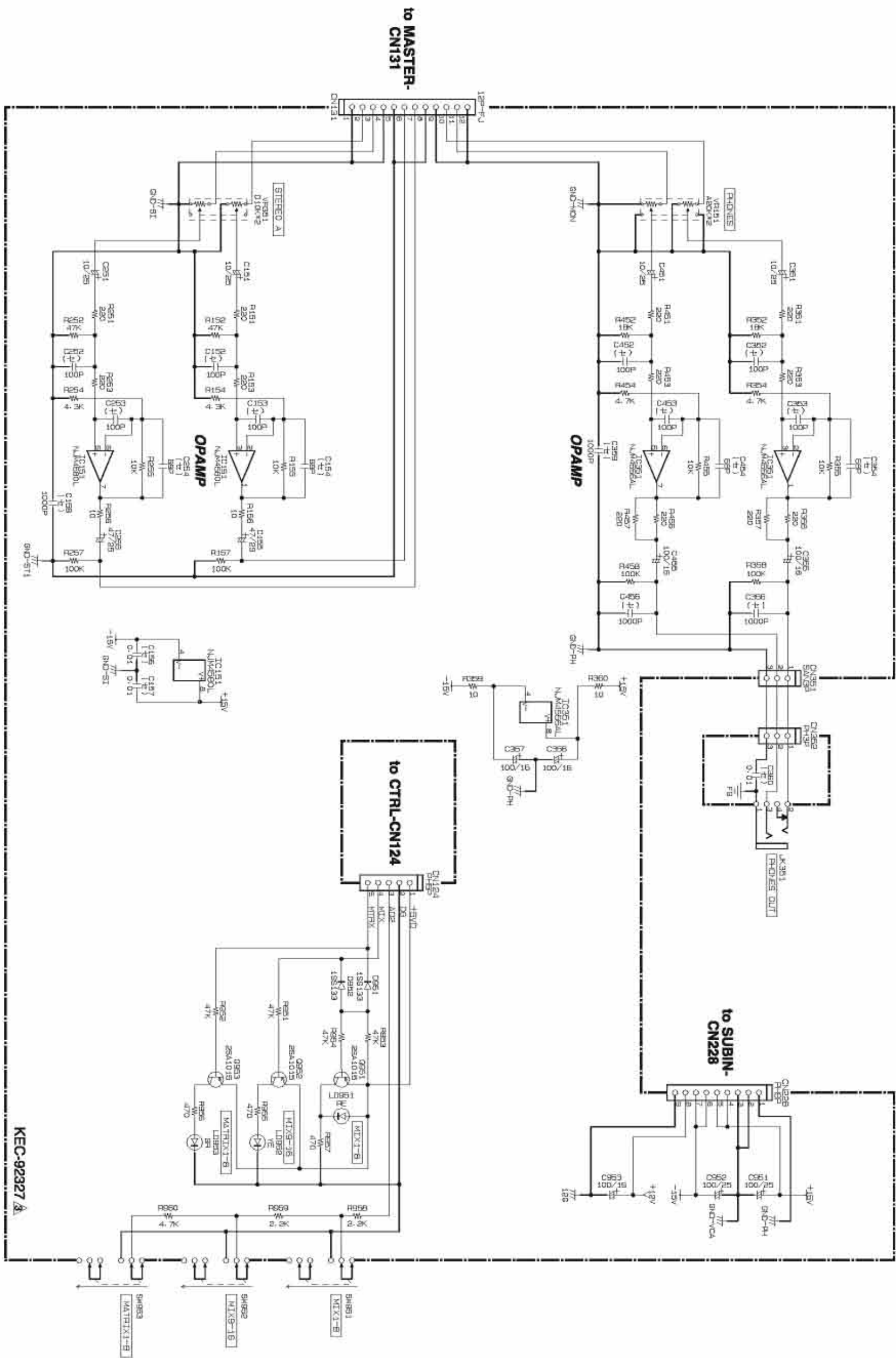
F

G

H

VCAMAS CIRCUIT DIAGRAM 2/2

M3000A



M3000A

M3000A

A

B

C

D

E

F

G

H

1

2

3

4

5

6

MIXING CONSOLE

M3000A-24/32 /40C/56C

PARTS LIST


■ CONTENTS

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MASTER ASSEMBLY	10
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MONO IN ASSEMBLY	15
METER PANEL ASSEMBLY	17
ELECTRICAL PARTS	19

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

■ WARNING

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

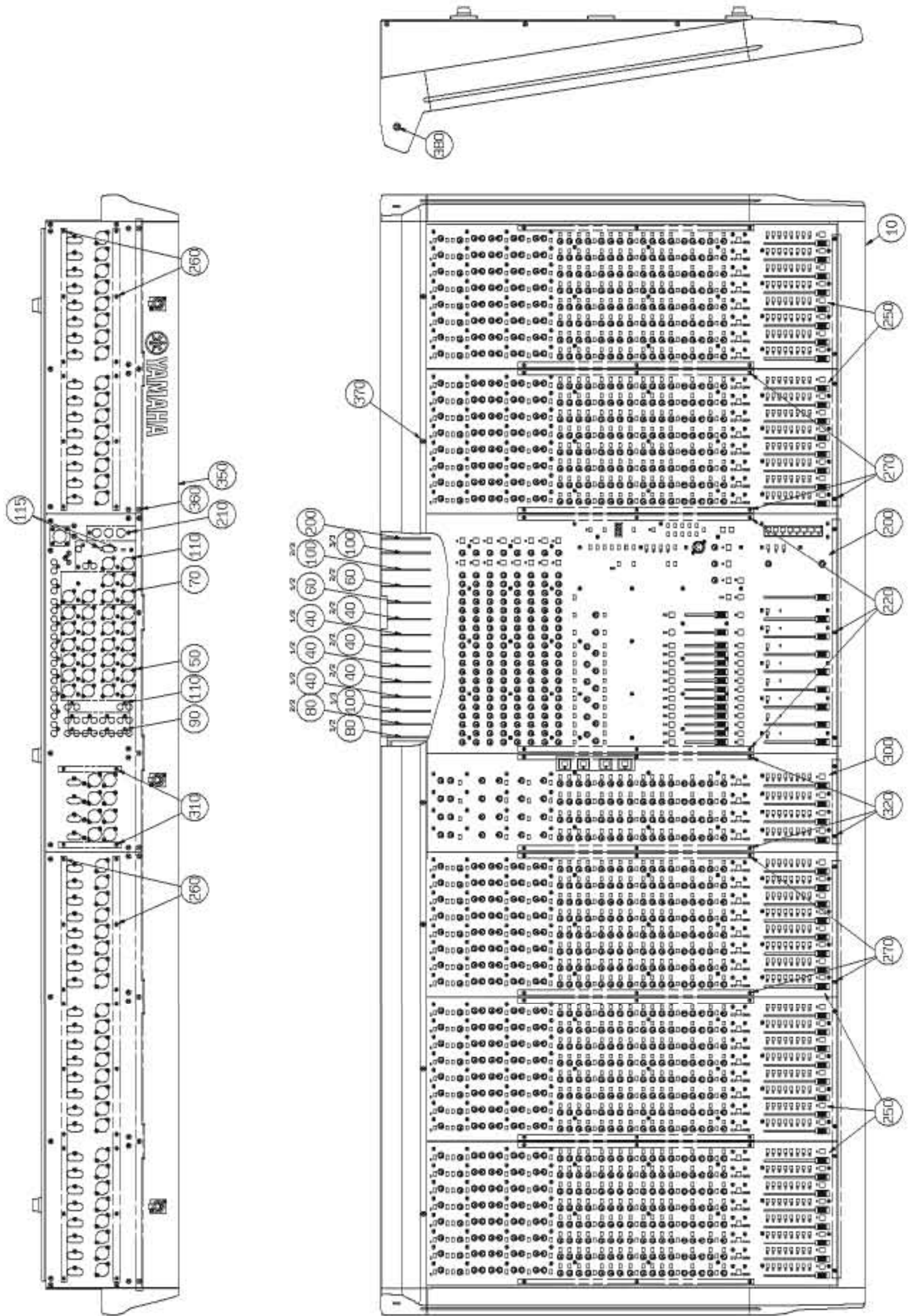
- The numbers "QTY" show quantities for each unit.
- The parts with "--" in "PART NO." are not available as spare parts.
- This mark "}" in the REMARKS column means these parts are interchangeable.
- The second letter of the shaded (■) part number is O, not zero.
- The second letter of the shaded (■)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

OVERALL ASSEMBLY

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
		OVERALL ASSEMBLY		M3000MA-24/32/40/56		
	--	Overall Assembly	24CH	(V527910)		
	--	Overall Assembly	32CH	(V527920)		
	--	Overall Assembly	40CH	(V527930)		
	--	Overall Assembly	56CH	(V527960)		
10	--	Chassis Assembly	24CH	(V527970)		
10	--	Chassis Assembly	32CH	(V527980)		
10	--	Chassis Assembly	40CH	(V527990)		
10	--	Chassis Assembly	56CH	(V528010)		
40	NX819680	Circuit Board	MSOUT1		3	
50	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		60	01
60	NX819720	Circuit Board	MSOUT2			13
70	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		16	01
80	NX819690	Circuit Board	MASINS			09
90	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		8	01
100	V2307400	Circuit Board	MSOTHR			
110	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		11	01
115	V2902400	Hexagonal Rock Screw	HEXSCREW 4#-40 UNC		2	01
200	V5285400	Master Assembly				
210	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		2	01
220	EC030030	Flat Head Screw	3.0X6 MFZN2BL		11	01
250	V5285200	Mono Input Assembly			3	
260	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL	24CH	18	01
260	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL	32CH	24	01
260	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL	40CH	30	01
260	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL	56CH	42	01
270	EC030030	Flat Head Screw	3.0X6 MFZN2BL	24CH	30	01
270	EC030030	Flat Head Screw	3.0X6 MFZN2BL	32CH	40	01
270	EC030030	Flat Head Screw	3.0X6 MFZN2BL	40CH	50	01
270	EC030030	Flat Head Screw	3.0X6 MFZN2BL	56CH	70	01
300	V5285300	Stereo Input Assembly				
310	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		4	01
320	EC030030	Flat Head Screw	3.0X6 MFZN2BL		10	01
350	--	Meter Panel Assembly		(V528020)		
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	24CH	8	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	32CH	9	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	40CH	11	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	56CH	13	01
370	EG340360	Bind Head Screw	4.0X8 MFZN2BL	24CH	6	01
370	EG340360	Bind Head Screw	4.0X8 MFZN2BL	32CH	7	01
370	EG340360	Bind Head Screw	4.0X8 MFZN2BL	40CH	8	01
370	EG340360	Bind Head Screw	4.0X8 MFZN2BL	56CH	10	01
380	VB923200	Bind Head Screw	4.0X25 MFZN2BL		2	01
530	--	Connector Assembly	METER ASSY	(V523190)		
		ACCESSORIES				
	V5968300	DC Power Supply Cable	(L)			
a	V3228500	Connector	10 PLS-2410-PMA			
b	V3228400	Connector	10 PLS-2410-PFA			

*: New Parts

RANK: Japan only



<40CH>

■ CHASSIS ASSEMBLY

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
		CHASSIS ASSEMBLY		M3000MA-24/32/40/56		
	--	Chassis Assembly	24CH	(V527970)		
	--	Chassis Assembly	32CH	(V527980)		
	--	Chassis Assembly	40CH	(V527990)		
	--	Chassis Assembly	56CH	(V528010)		
* 10	V5281000	Bottom Shassis		24CH		
* 10	V5281100	Bottom Shassis		32CH		
* 10	V5281200	Bottom Shassis		40CH		
* 10	V5281400	Bottom Chassis		56CH		
40	VV085600	Foot		24CH	6	01
40	VV085600	Foot		32CH	6	01
40	VV085600	Foot		40CH	6	01
40	VV085600	Foot		56CH	8	01
50	VR138400	Bind Head Tapping Screw-B	4.0X12 MFZN2BL		6	01
100	--	Side Frame	LEFT	(V528240)		
110	--	Side Frame	RIGHT	(V528250)		
120	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		8	01
135	V2428500	Corner Pad Angle Bracket	FRONT LEFT			05
140	V2428600	Corner Pad Angle Bracket	FRONT RIGHT			05
145	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		8	01
150	V2311400	Corner Pad	FRONT LEFT			06
155	V2311500	Corner Pad	FRONT RIGHT			06
160	VS205900	Bind Head Tapping Screw-B	4.0X20 MFZN2BL		10	01
165	V2428700	Corner Pad Angle Bracket	REAR LEFT			05
170	V2428800	Corner Pad Angle Bracket	REAR RIGHT			05
175	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		8	01
180	V2311600	Corner Pad	REAR LEFT			05
190	V2311700	Corner Pad	REAR RIGHT			05
200	VS205900	Bind Head Tapping Screw-B	4.0X20 MFZN2BL		8	01
220	V2311200	Side Pad			2	16
230	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		16	01
300	V2308700	Center Frame	LEFT	24CH	5	08
300	V2308700	Center Frame	LEFT	32CH	6	08
300	V2308700	Center Frame	LEFT	40CH	7	08
300	V2308700	Center Frame	LEFT	56CH	9	08
310	V2308800	Center Frame	RIGHT	24CH	5	08
310	V2308800	Center Frame	RIGHT	32CH	6	08
310	V2308800	Center Frame	RIGHT	40CH	7	08
310	V2308800	Center Frame	RIGHT	56CH	9	08
320	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	24CH	68	01
320	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	32CH	81	01
320	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	40CH	94	01
320	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	56CH	120	01
330	V2310900	Shaft		24CH	6	01
330	V2310900	Shaft		32CH	7	01
330	V2310900	Shaft		40CH	8	01
330	V2310900	Shaft		56CH	10	01
350	V2337800	Front Pad	24CH	24CH		23
* 350	V5282100	Front Pad	32CH	32CH		
350	V2311100	Front Pad	40CH	40CH		27
* 350	V5282300	Front Pad	56CH	56CH		
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	24CH	12	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	32CH	14	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	40CH	16	01
360	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	56CH	20	01
400	V2308900	Rear Panel	LEFT	24CH, 40CH		15
* 400	V5283100	Rear Panel	32L	32CH, 56CH		
410	V2405000	Rear Panel	CENTER	24CH, 32CH		16
410	V2309000	Rear Panel	C	40CH, 56CH		16
420	V2309100	Rear Panel	R	40CH		12
* 420	V5283300	Rear Panel	24R2	56CH		
430	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	24CH	22	01
430	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	32CH	25	01
430	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	40CH	29	01
430	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL	56CH	35	01
500	V2311000	Holder, P.C.B.			3	05
510	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		9	01
* 520	V4768900	Circuit Board	SUBIN			
530	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL		16	01
540	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		10	01

* New Parts

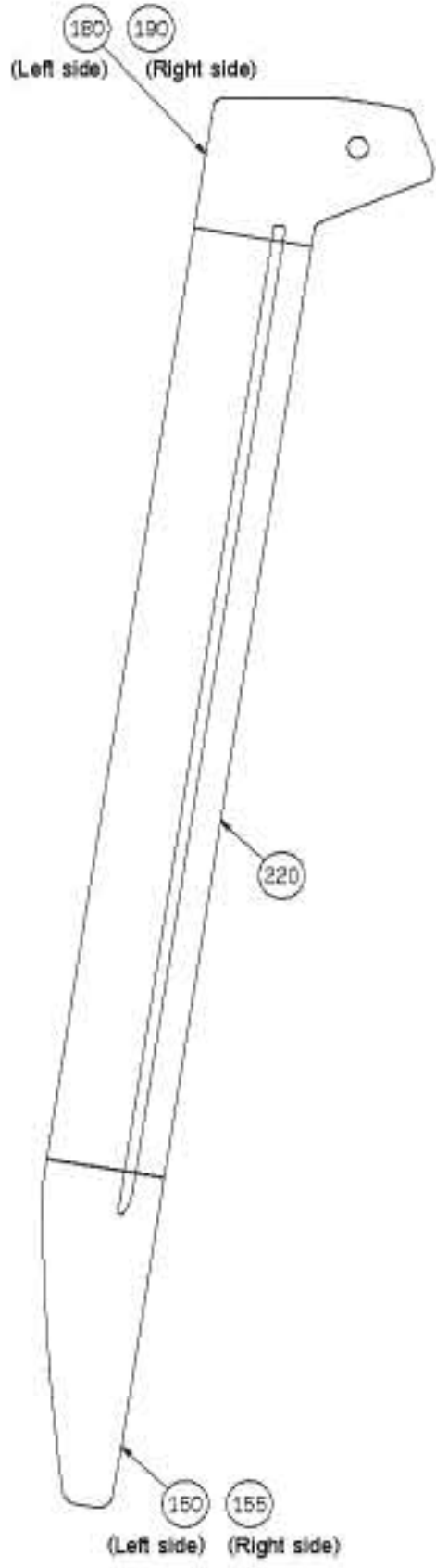
RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
* 600	V4768400	Circuit Board	INBUSL		24CH	3
* 600	V4768400	Circuit Board	INBUSL		32CH	4
* 600	V4768400	Circuit Board	INBUSL		40CH	3
* 600	V4768400	Circuit Board	INBUSL		56CH	4
* 610	V4768500	Circuit Board	INBUSR1		40CH	
* 610	V4768500	Circuit Board	INBUSR1		56CH	
* 615	V4768700	Circuit Board	INBUSR2		40CH	
* 615	V4768700	Circuit Board	INBUSR2		56CH	2
* 620	V4768800	Circuit Board	STBUS			
630	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL			36 01
700	V2425100	Earth Bar	LARGE			05
710	EG340360	Bind Head Screw	4.0X8 MFZN2BL			7 01
720	V3076600	Earth Bar 1			24CH	4 04
720	V3076600	Earth Bar 1			32CH	5 04
720	V3076600	Earth Bar 1			40CH	5 04
720	V3076600	Earth Bar 1			56CH	7 04
730	EG340360	Bind Head Screw	4.0X8 MFZN2BL		24CH	48 01
730	EG340360	Bind Head Screw	4.0X8 MFZN2BL		32CH	60 01
730	EG340360	Bind Head Screw	4.0X8 MFZN2BL		40CH	60 01
730	EG340360	Bind Head Screw	4.0X8 MFZN2BL		56CH	84 01
* 750	--	Connector Assembly	DC IN ASSY	(V530830)		
760	EG340360	Bind Head Screw	4.0X8 MFZN2BL			3 01
770	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL			4 01
780	V3091100	Connector Assembly	2426&2426 12P 120L			2 04
781	--	Connector Assembly	C&C12P120L BROWN	(V370280)		2
782	--	Connector Assembly	C&C12P120L ORANGE	(V370290)		2
790	--	Earth Bar 2		(V307670)	40CH	
790	--	Earth Bar 2		(V307670)	50CH	
800	EG340360	Bind Head Screw	4.0X8 MFZN2BL		40CH	12 01
800	EG340360	Bind Head Screw	4.0X8 MFZN2BL		50CH	12 01
900	VZ765100	Cord Binder	TS-0708 KSS		24CH	5 02
900	VZ765100	Cord Binder	TS-0708 KSS		32CH	6 02
900	VZ765100	Cord Binder	TS-0708 KSS		40CH	7 02
900	VZ765100	Cord Binder	TS-0708 KSS		56CH	9 02
750a	V2558000	Connector, DC	10 PLS-2410-RF			11

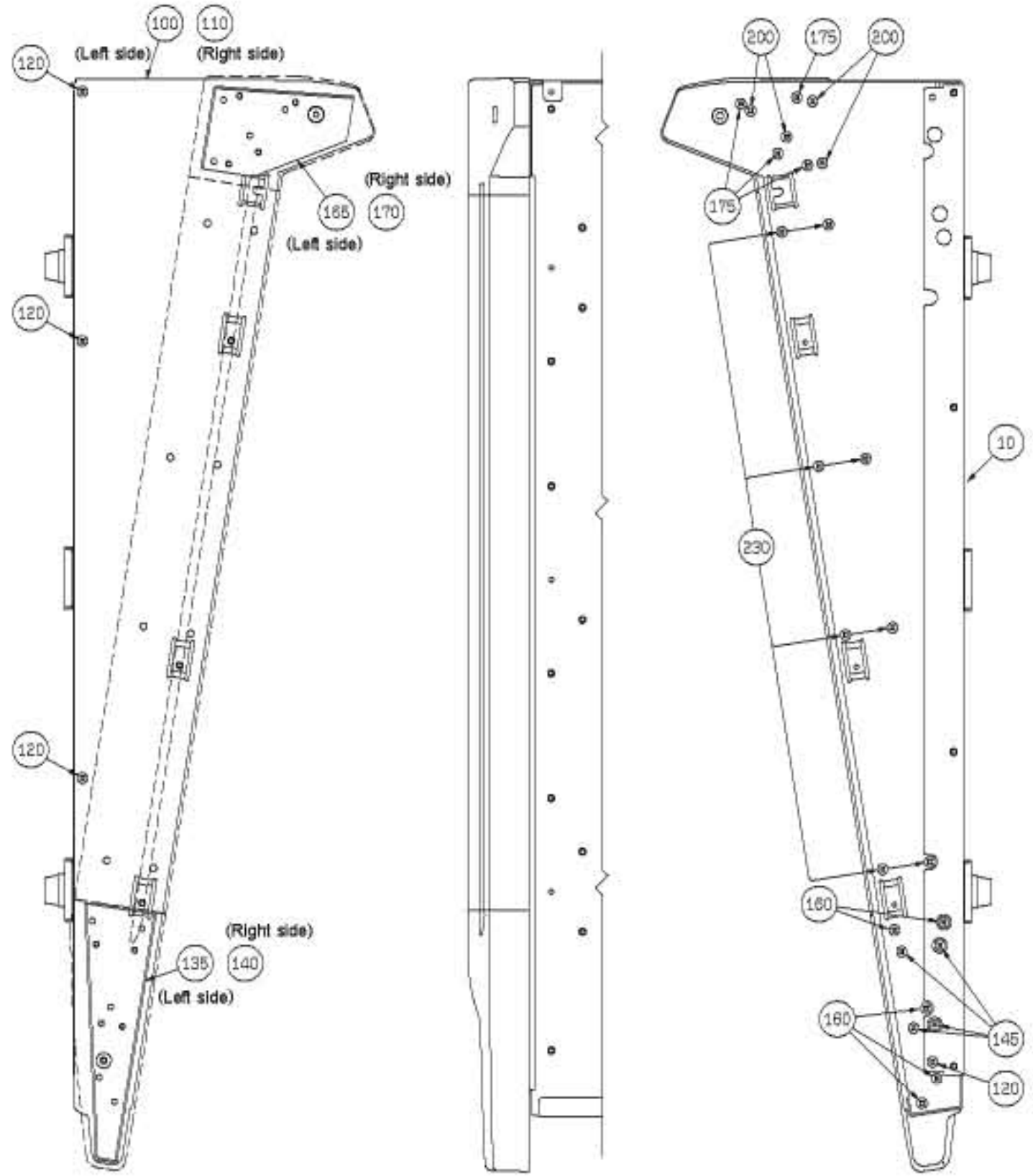
*: New Parts

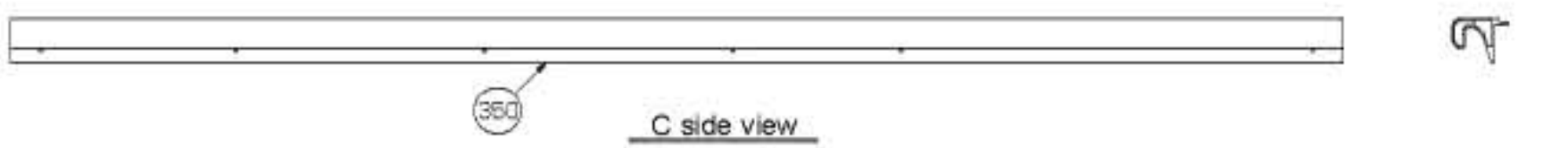
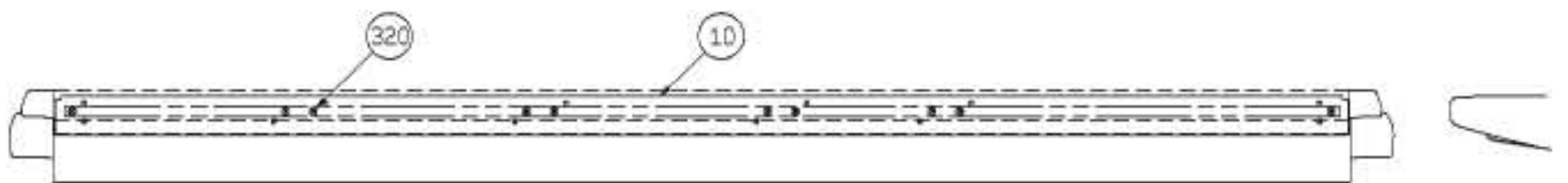
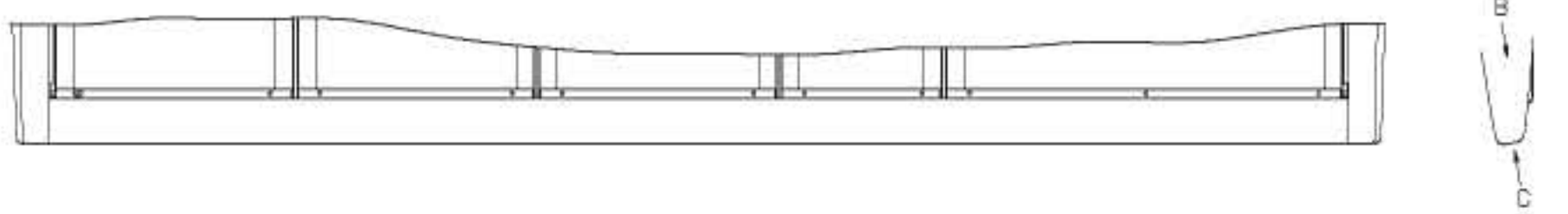
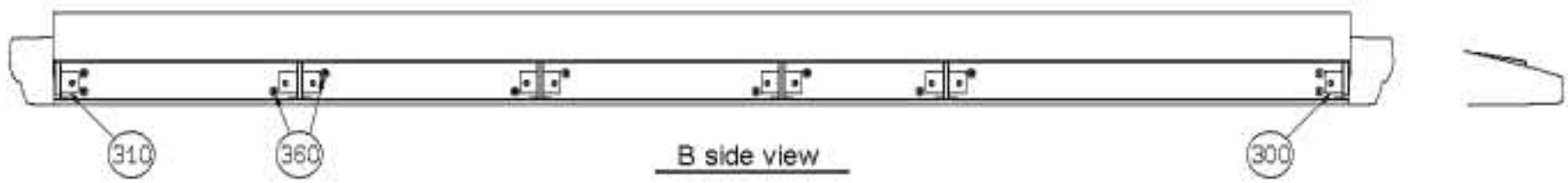
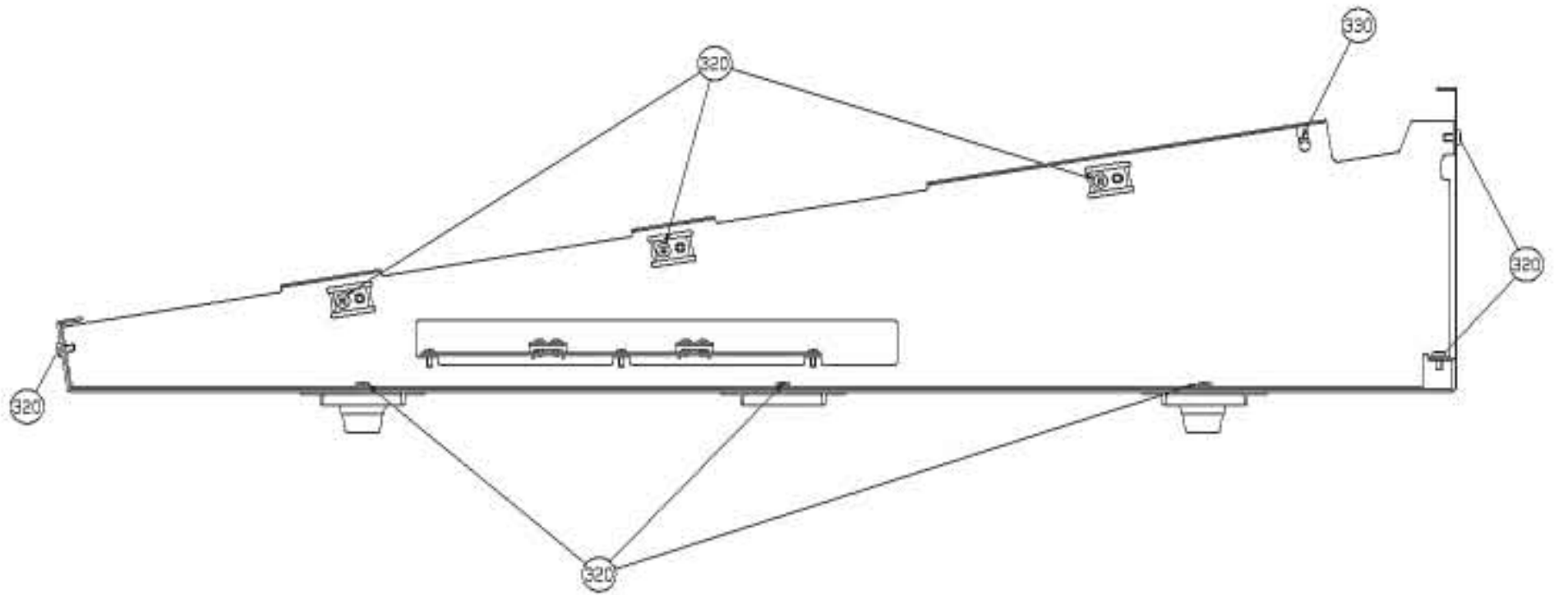
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• Left side view

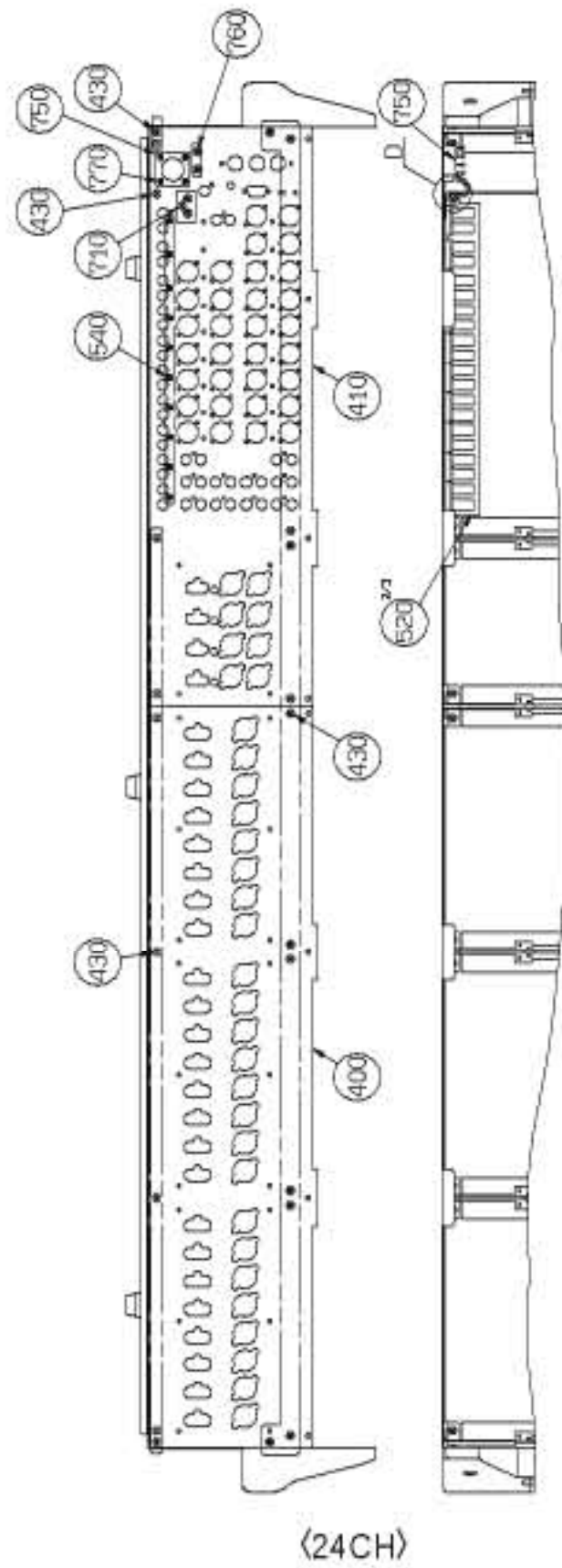
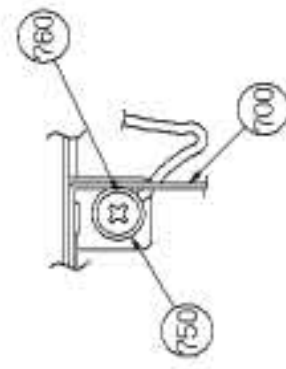
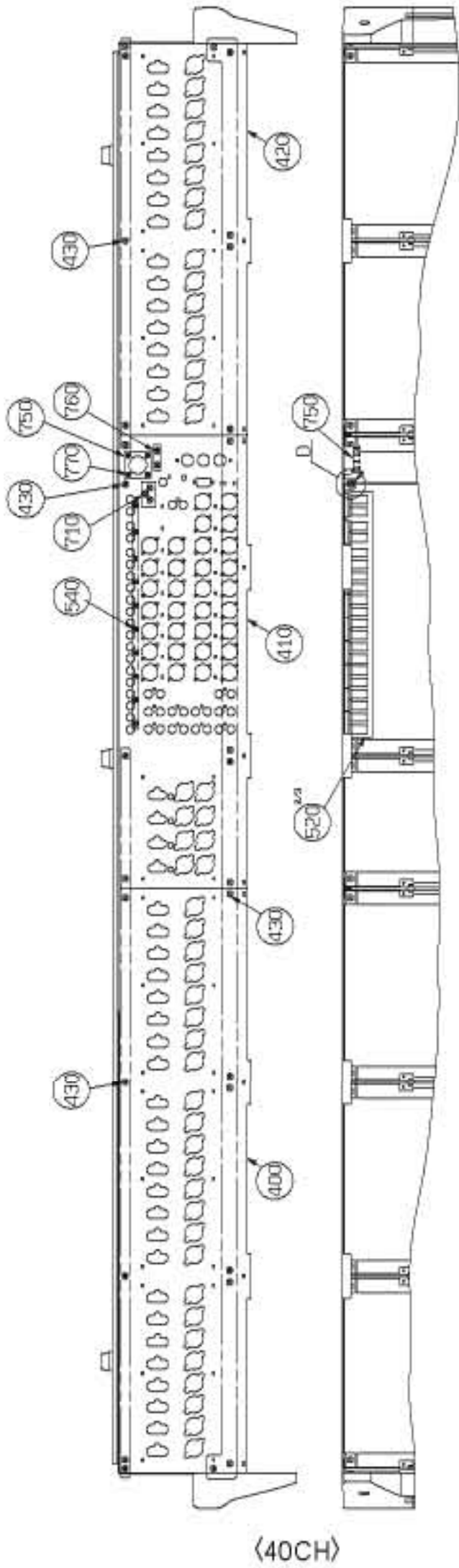


• Right side view





(24CH)



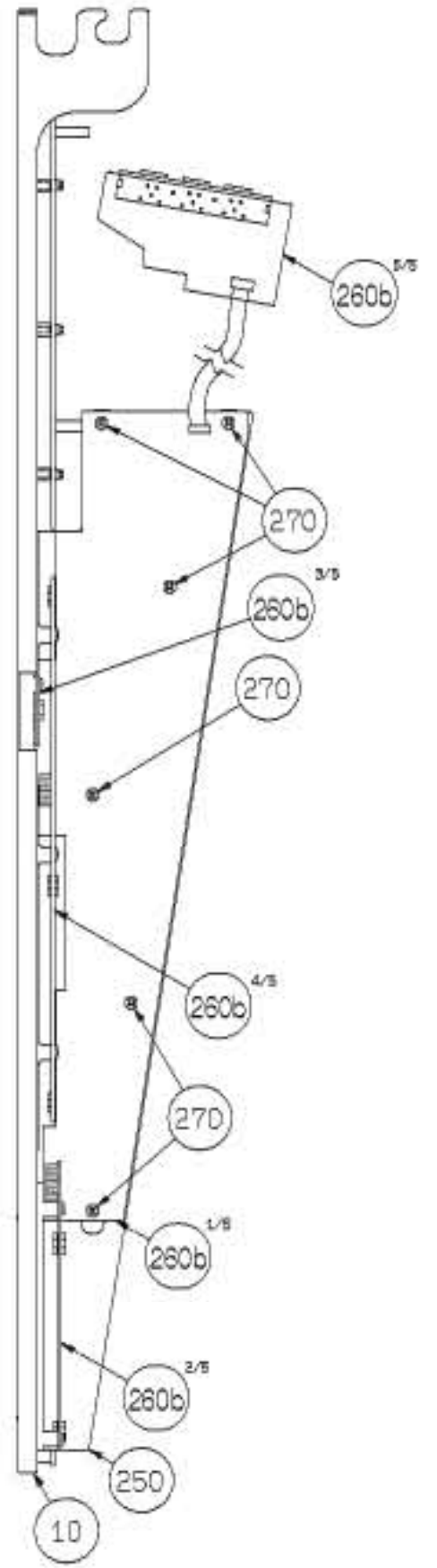
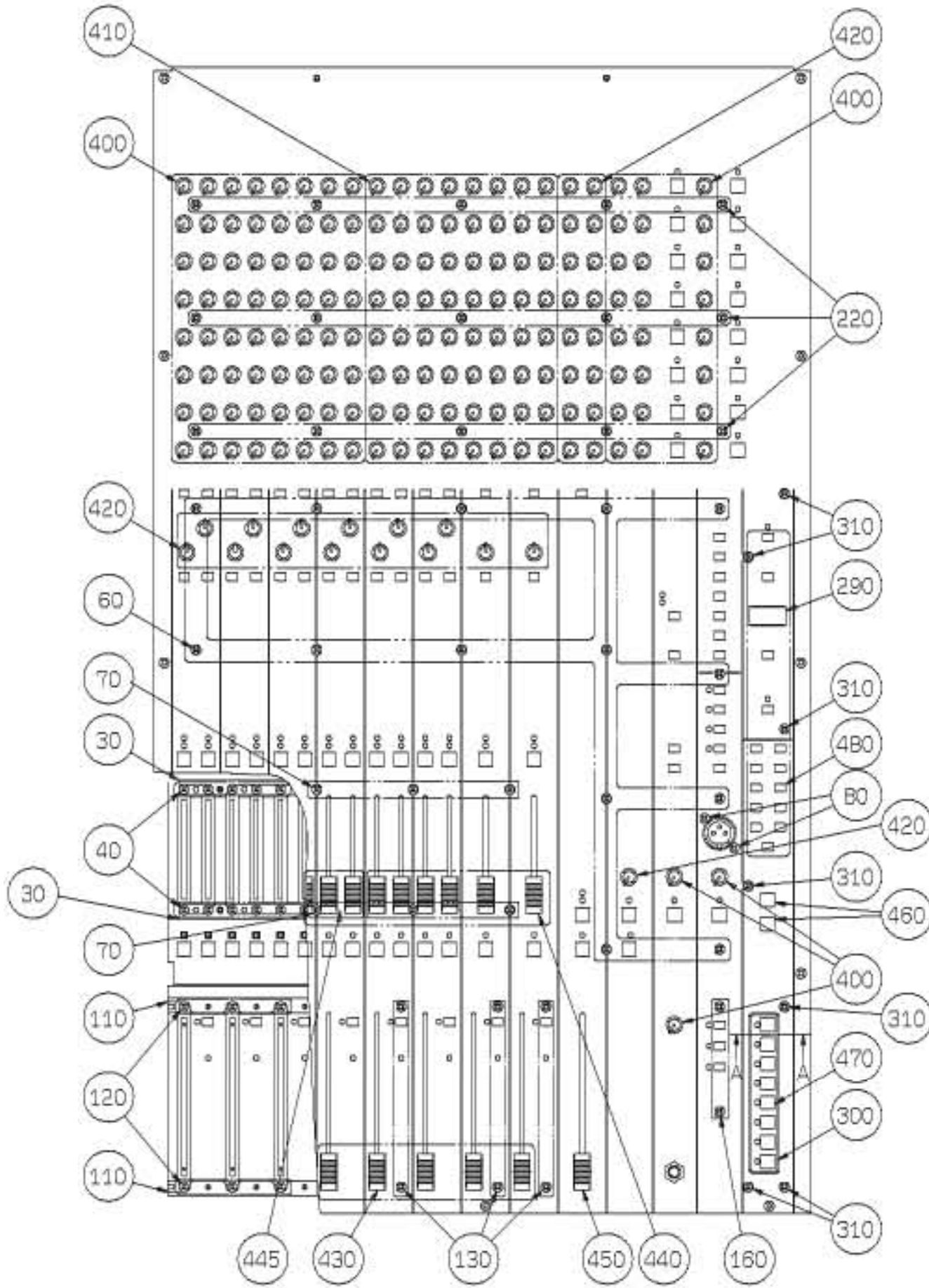
■ MASTER ASSEMBLY

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
	V5285400	MASTER ASSEMBLY				
*		Master Assembly				
* 10	V5280900	Control Panel	MASTER			
* 20	V4769000	Circuit Board	MASTER			
30	--	Fader Angle Bracket	MASTER	(V231010)	2	
40	VR139400	Bind Head Screw	3.0X4 MFZN2BL		28	01
50	VV069200	PCB Support	NEW NIFCO		14	01
55	--	Earth Film		(V318570)		
60	VV095300	Flat Head Tapping Screw-B	3.0X25 MFZN2BL		14	01
70	EC030030	Flat Head Screw	3.0X6 MFZN2BL		8	01
80	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		2	01
* 100	V5286800	Circuit Board	VCAMAS			
110	--	Fader Angle Bracket	VCO	(V231020)	2	
120	VR139400	Bind Head Screw	3.0X4 MFZN2BL		18	01
130	EC030030	Flat Head Screw	3.0X6 MFZN2BL		12	01
150	VV069200	PCB Support	NEW NIFCO		2	01
160	VV095300	Flat Head Tapping Screw-B	3.0X25 MFZN2BL		2	01
* 200	V4769100	Circuit Board	MATRIX			
210	VV069200	PCB Support	NEW NIFCO		15	01
220	VV095300	Flat Head Tapping Screw-B	3.0X25 MFZN2BL		15	01
250	--	Shield Plate	CONTROL	(V230960)		
260a	VN103500	Lithium Battery	CR2032			03
* 260b	V4314600	Circuit Board	CTRL			
270	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL		12	01
* 290	V2311800	Window				
* 300	V2311900	Guide				
310	EC030030	Flat Head Screw	3.0X6 MFZN2BL		7	01
400	VU859700	Knob	N-GRAY/D-GRAY	MATRIX1-8(M1-M8, SUBIN(L,R,LEVEL), MONITOR LEVEL	91	01
410	VU860300	Knob	MX-BLUE/D-GRAY	TALKBACK LEVEL, PHONE	64	01
420	VU860400	Knob	RED/D-GRAY	MATRIX1-8(M9-M16) MATRIX1-8(STEREO A(L,R), STEREO B(LEVEL), PAN(MIX1/2-MIX11/12), BAL(MIX13/14-MIX15/16) VCA(MIX9/10-MIX15/16)	31	01
430	VU860500	Fader Knob	BLACK/CL-GRAY	MIX9/10-MIX15/16	8	01
440	V2946900	Fader Knob	BLACK/MX-BLUE	MIX1/2-MIX7-8	6	01
445	V2947000	Fader Knob	BLACK/N-GRAY	STEREO A	8	01
450	VU860600	Fader Knob	CL-GRAY/RED			01
460	VZ968600	Button	NO.947 CD-GRAY	△,▽	2	01
470	VZ968700	Button	NO.946 CL-GRAY	DIRECT RECALL	8	01
480	VZ968500	Button	NO.947 CD-GRAY	UTILITY, RECALL, STORE, CHECK, 1-0, ENTER	15	01
* 500	--	Cord Binder	KWS-2 KSS	(V2951600)	8	
640	V2958000	Connector Assembly	CTRL ASSY			11
650	V2958100	Connector Assembly	MAS ASSY			30

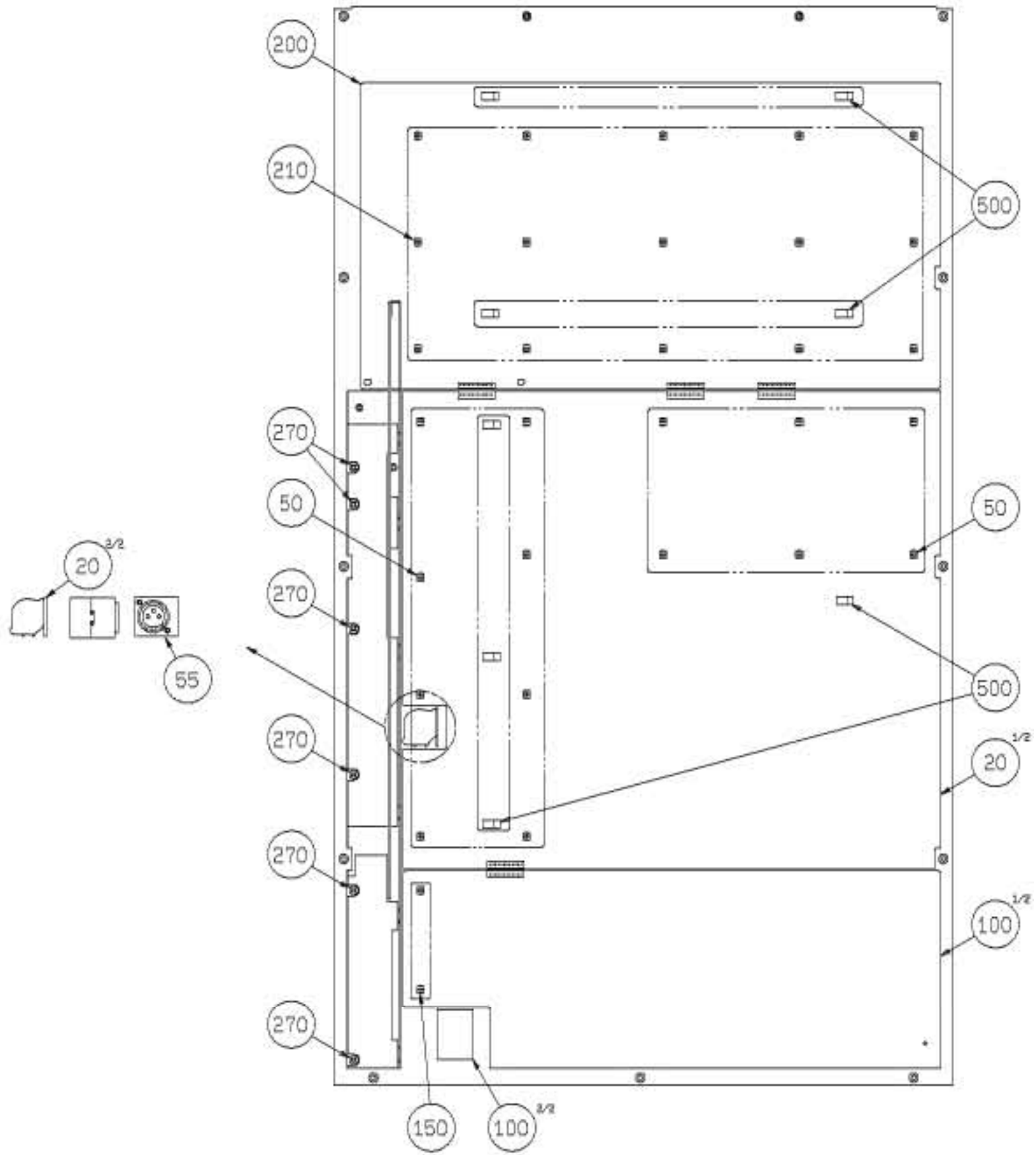
* : New Parts

RANK: Japan only

• Top view



• Rear view



(MASTER ASSEMBLY)

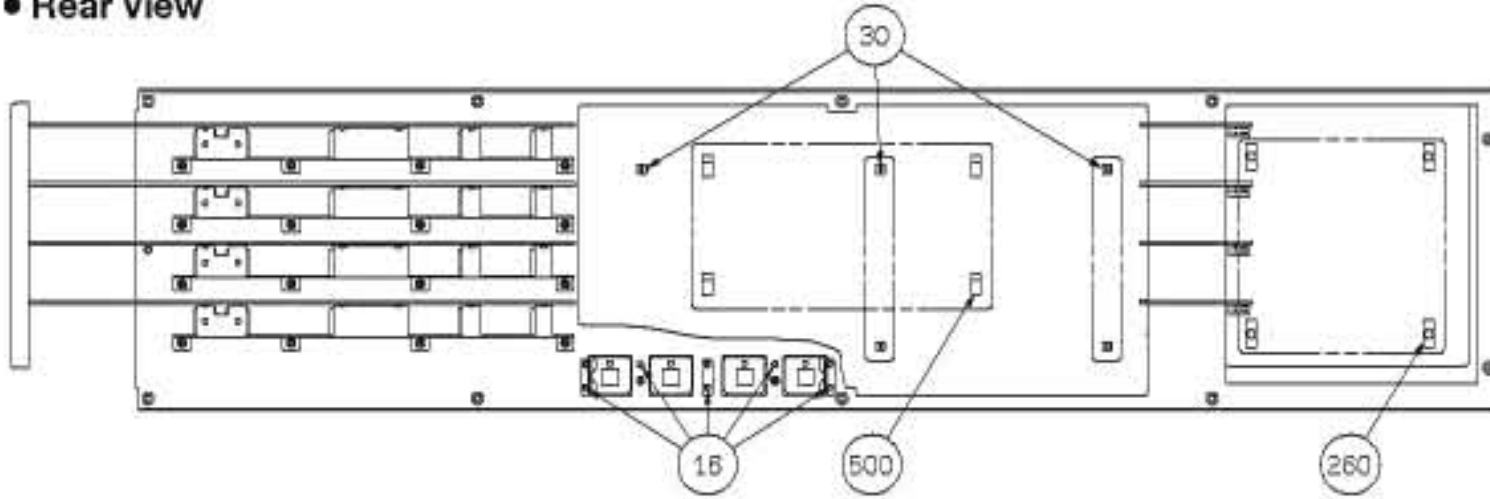
STEREO IN ASSEMBLY

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
	V5285300	STEREO INPUT ASSEMBLY				
*	V5285300	Stereo Input Assembly				
* 10	V5280800	Control Panel	TREREO INPUT			
15	V2500300	Protector				03
16	V2256500	Stop Ring	2.4		8	01
* 20	V5287000	Circuit Board	STVRBS			
30	VV069200	PCB Support	NEW NIFCO		6	01
40	VV095300	Flat Head Tapping Screw-B	3.0X25 MFZN2BL		6	01
* 100	V4768300	Circuit Board	STFDSW			
110	--	Fader Angle Bracket	STEREO INPUT	(V231000)	2	
120	VR139400	Bind Head Screw	3.0X4 MFZN2BL		8	01
130	EC030030	Flat Head Screw	3.0X6 MFZN2BL		6	01
* 150	V5287200	Circuit Board	STHAEQ		4	
180	EC030030	Flat Head Screw	3.0X6 MFZN2BL		16	01
* 210	--	Rear Sub Panel	STEREO INPUT	(V231070)		
220	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL		24	01
* 250	AAX14900	Circuit Board	STCTRL			
260	VZ336600	PCB Support	CBS-6K GIN LIAN		4	01
300	NX819730	Circuit Board	ONLDSW			10
310	EC030030	Flat Head Screw	3.0X6 MFZN2BL		8	01
400	VU859700	Knob	N-GRAY/D-GRAY	GAIN(A,B), M1-M8 mix level	40	01
410	VU860200	Knob	MX-GREEN/D-GRAY	HI, LO-MID	8	01
415	VZ968800	Knob	556C-LGREEN/D-GRAY	HI-MID, LO	8	01
420	VU860300	Knob	MX-BLUE/D-GRAY	M9-M12 mix level, M13/M14, M15/M16 BAL	24	01
425	V2947100	Knob	543C BLUE/D-GRAY	M13/M14, M15/M16 mix level	8	01
430	VU860400	Knob	RED/D-GRAY	BAL	4	01
440	VV135600	Fader Knob	RED/CD-GRAY	Fader	4	01
450	VZ968600	Button	NO.947 CD-GRAY	ON/EDIT	4	01
* 500	--	Cord Binder	KWS-2 KSS	(V295160)	4	
700	V2505400	Connector Assembly	2426&2426 10P 80L		4	04
710	V2505300	Connector Assembly	2426&2426 4P 60L			03
720	V2957200	Connector Assembly	ST POWER ASSY			05
730	V2506100	Connector Assembly	ST-CH1 ASSY			09
740	V2506200	Connector Assembly	ST-CH2 ASSY			09
750	V2506300	Connector Assembly	ST-CH3 ASSY			09
760	V2506400	Connector Assembly	ST-CH4 ASSY			09
770	--	Connector Assembly	ST BUS ASSY	(V523180)		
800	ES200180	Hexagonal Nut	7.0 10X2 MFZN2BL		16	01

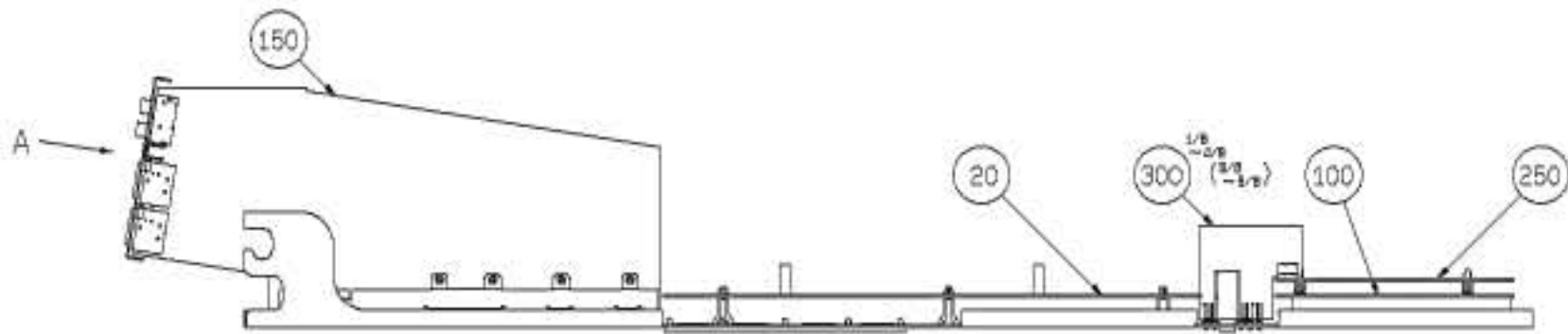
* New Parts

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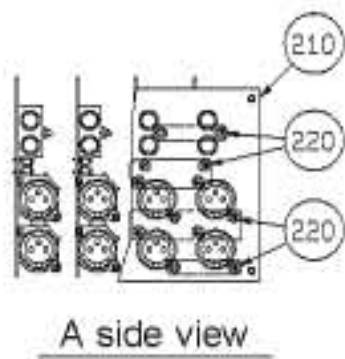
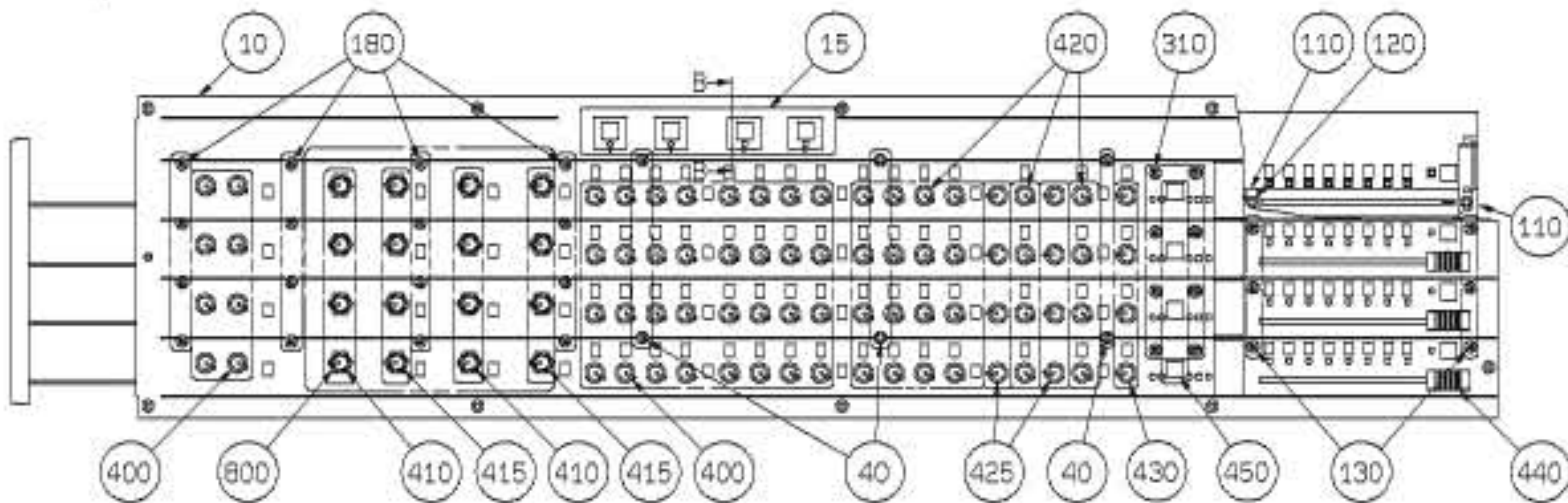
• Rear view



• Right side view



• Top view



(STEREO INPUT ASSEMBLY)

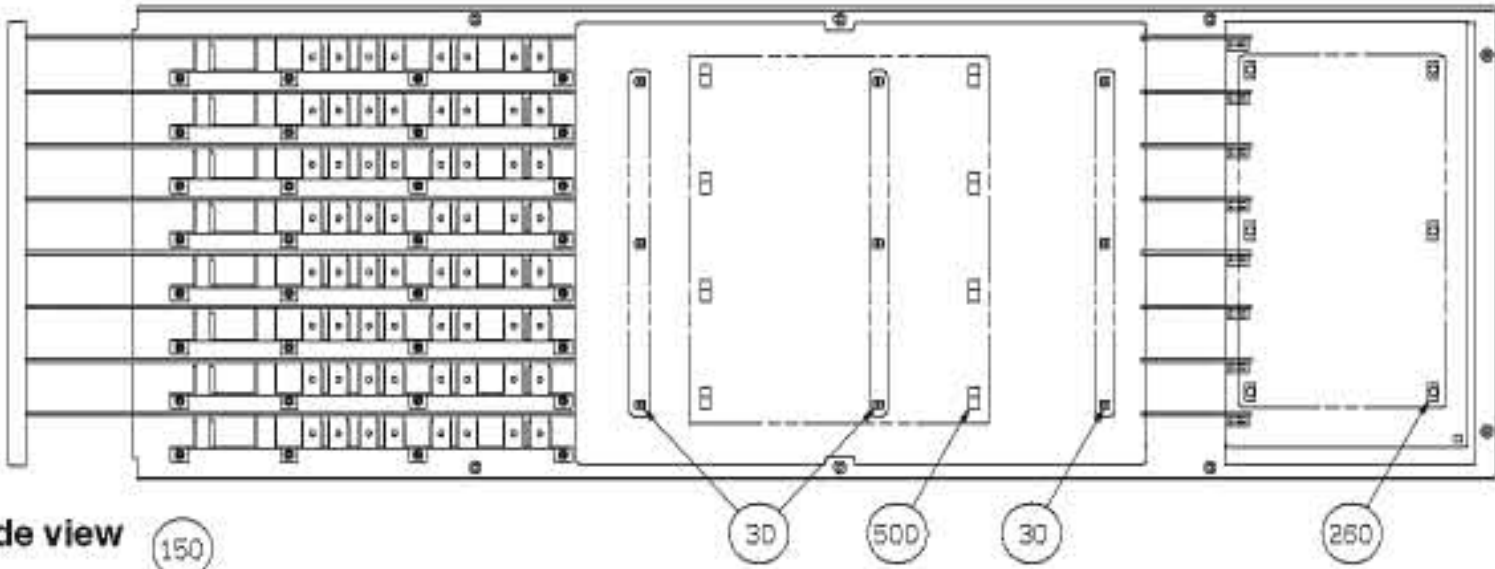
MONO IN ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
		MONO INPUT ASSEMBLY			
*	V5285200	Mono Input Assembly			
* 10	V5280700	Control Panel	MONO INPUT		
* 20	V5286900	Circuit Board	INVRBS		
30	VV069200	PCB Support	NEW NIFCO	9	01
40	VV095300	Flat Head Tapping Screw-B	3.0X25 MFZN2BL	9	01
* 100	V4768100	Circuit Board	INFDSW		
110	--	Feder Angle Bracket	MONO INPUT	(V230990)	2
120	VR139400	Bind Head Screw	3.0X4 MFZN2BL	16	01
130	EC030030	Flat Head Screw	3.0X6 MFZN2BL	8	01
* 150	V5287100	Circuit Board	INHAEQ	8	
180	EC030030	Flat Head Screw	3.0X6 MFZN2BL	32	01
210	--	Rear Sub Panel	MONO INPUT	(V231060)	
220	VN413300	Bonding Tapping Screw-B	3.0X8 MFZN2BL	24	01
* 250	AA14890	Circuit Board	INCTRL		
260	VZ336600	PCB Support	CBS-6K GIN LIAN	6	01
300	NX819730	Circuit Board	ONLDSW		
310	EC030030	Flat Head Screw	3.0X6 MFZN2BL	16	01
400	VU859700	Knob	N-GRAY/D-GRAY	80	01
			GAIN, APF, M1-M8 mix level		
410	VU860200	Knob	MX-GREEN/D-GRAY	32	01
420	VZ968800	Knob	556C-LGREEN/D-GRAY	32	01
430	VU860300	Knob	MX-BLUE/D-GRAY	48	01
			M9-M12 mix level, M13/M14, M15/M16, M13/M14, M15/M16 PAN		
435	V2947100	Knob	543C BLUE/D.GRAY	16	01
440	VU860400	Knob	RED/D-GRAY	8	01
450	VU860500	Fader Knob	BLACK/CL-GRAY	8	01
460	VZ968600	Button	NO.947 CD-GRAY	8	01
* 500	--	Cord Binder	KWS-2 KSS	(V2951600)	8
510	VV104600	Cord Holder	CV-100		01
700	V2505200	Connector Assembly	2426&2426 6P 80L	8	03
710	V2505300	Connector Assembly	2426&2426 4P 60L		03
720	V2957100	Connector Assembly	IN POWER ASSY		06
730	V2505700	Connector Assembly	IN-CH1 ASSY	2	08
740	V2505800	Connector Assembly	IN-CH2 ASSY	2	08
750	V2505900	Connector Assembly	IN-CH3 ASSY	2	08
760	V2506000	Connector Assembly	IN-CH4 ASSY	2	08
770	--	Connector Assembly	IN BUSS ASSY	(V523170)	
800	VJ388000	Hexagonal Nut	9.0 11X2 MFZN2BL	8	01

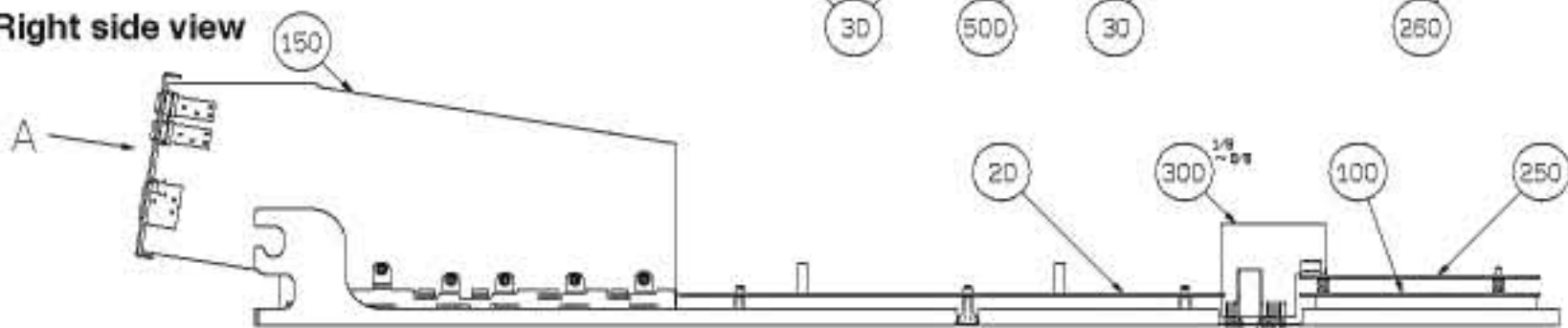
* New Parts

RANK: Japan only

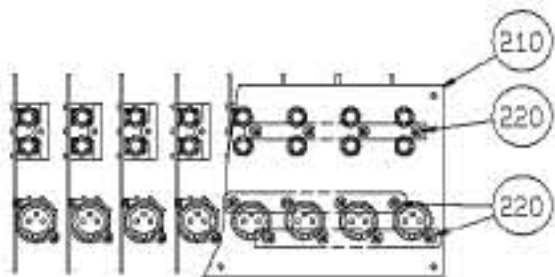
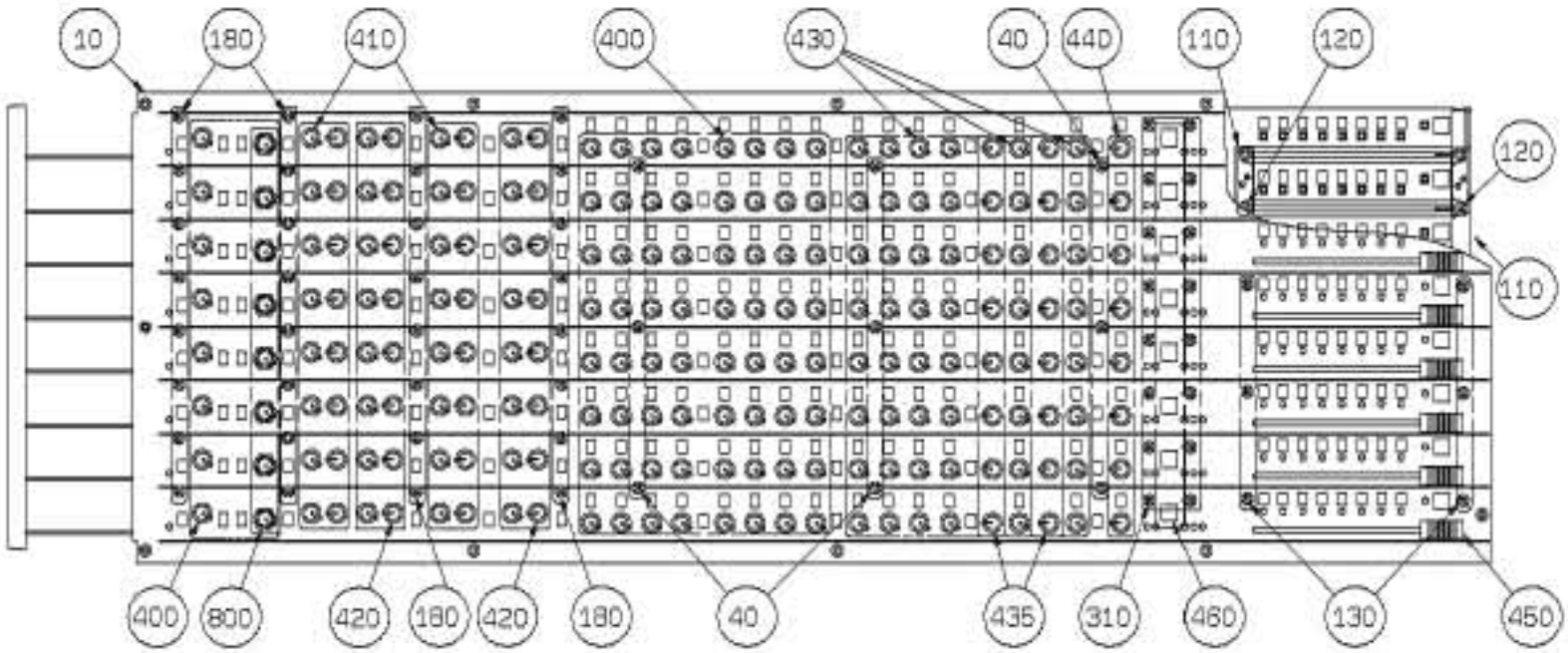
• Rear view



• Right side view



• Top view



A side view

(MONO INPUT ASSEMBLY)

METER PANEL ASSEMBLY

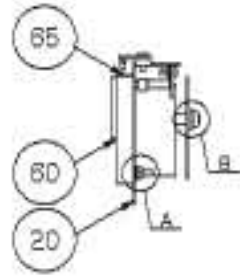
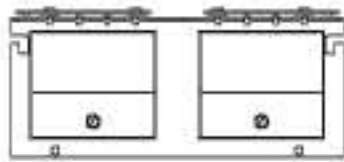
REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
	--	METER PANAL ASSEMBLY				
	--	Meter Pane Assembly	40CH	(V528040)		
	--	Meter Panel Assembly	56CH	(V528060)		
* 10	V5281500	Meter Panel	24CH			
* 10	V5281600	Meter Panel	32CH			
* 10	V5281700	Meter Panel	40CH			
* 10	V5281900	Meter Panel	56CH			
20	--	Meter Bracket		(V231030)	6	
30a	NX819700	Circuit Board	METER1 1/5-5/5			17
30b	--	Circuit Board	METER1 2/5	(NX81974)		
30c	--	Circuit Board	METER1 3/5	(NX81975)		
30d	--	Circuit Board	METER1 4/5	(NX81976)		
30e	--	Circuit Board	METER1 5/5	(NX81977)		
40a	NX819710	Circuit Board	METER2-1 1/10			17
40b	--	Circuit Board	METER2 2/10	(NX81978)		
40c	--	Circuit Board	METER2 3/10	(NX81979)		
40d	--	Circuit Board	METER2 4/10	(NX81980)		
40e	--	Circuit Board	METER2 5/10	(NX81981)		
40f	NX819820	Circuit Board	METER2-2 6/10			17
40g	--	Circuit Board	METER2 7/10	(NX81983)		
40h	--	Circuit Board	METER2 8/10	(NX81984)		
40i	--	Circuit Board	METER2 9/10	(NX81985)		
40j	--	Circuit Board	METER2 10/10	(NX81986)		
60	VZ661500	Analog Meter	VU DE-670		12	11
65	V2428400	Photo Diffusion Tape			12	01
80	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL		36	01
90	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		24	01
120	--	Connector Assembly	LAMP L ASSY	40CH, 56CH (V591520)		
120a	FG644100	Ceramic Capacitor-F	0.01 50V Z	40CH		01
120a	FG644100	Ceramic Capacitor-F	0.01 50V Z	56CH		01
120b	VS647300	XLR Connector	HA16PRK-4S	LAMP (40CH)		07
120b	VS647300	XLR Connector	HA16PRK-4S	LAMP (56CH)		07
125	--	Connector Assembly	LAMP S ASSY	24CH, 32CH (V591530)	3	
125	--	Connector Assembly	LAMP S ASSY	40CH (V591530)	2	
125	V5915300	Connector Assembly	LAMP S ASSY	56CH	2	
125a	FG644100	Ceramic Capacitor-F	0.01 50V Z	24CH, 32CH		01
125b	VS647300	XLM Connector	HA16PRK-4S	LAMP (24CH, 32CH)		07
130	EE620190	Pan Head Screw	2.6X8 MFNI33		6	01
150	--	Meter Panel Bracket	LEFT	(V231040)		
160	--	Meter Panel Bracket	RIGHT	(V231050)		
170	EG340190	Bind Head Tapping Screw-B	4.0X8 MFZN2BL		6	01

* New Parts

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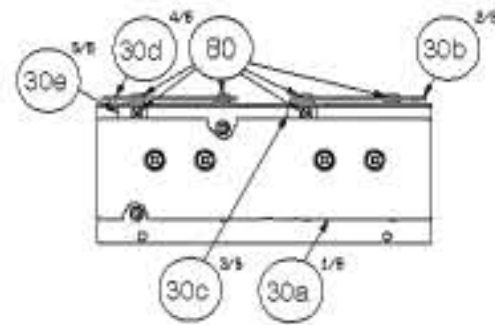
• Front view

1



• Rear view

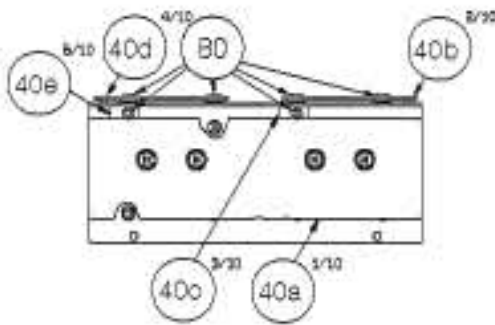
2



MIX / MATRIX(4PCS.)

• Rear view

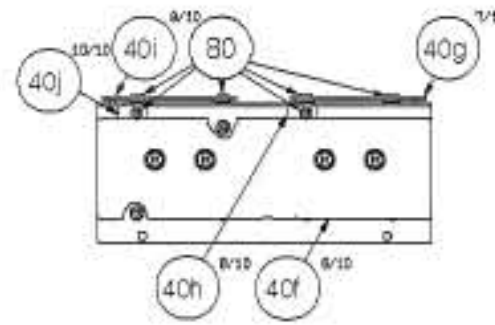
3



STEREO A(1PC.)

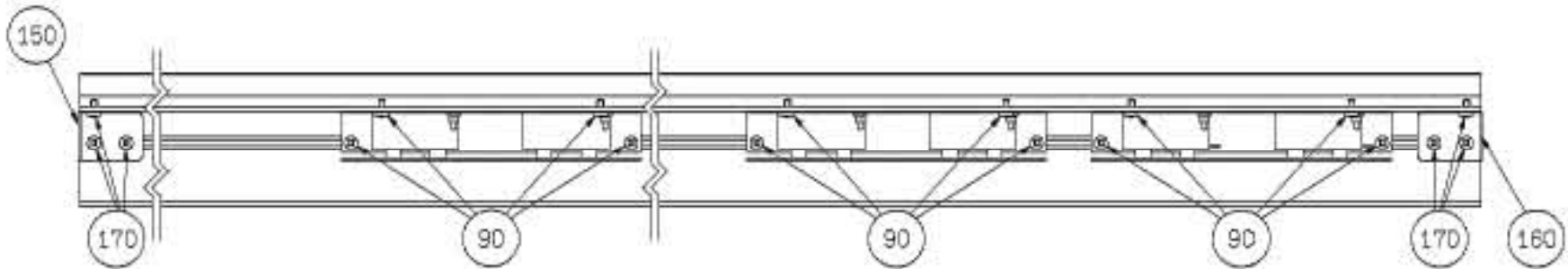
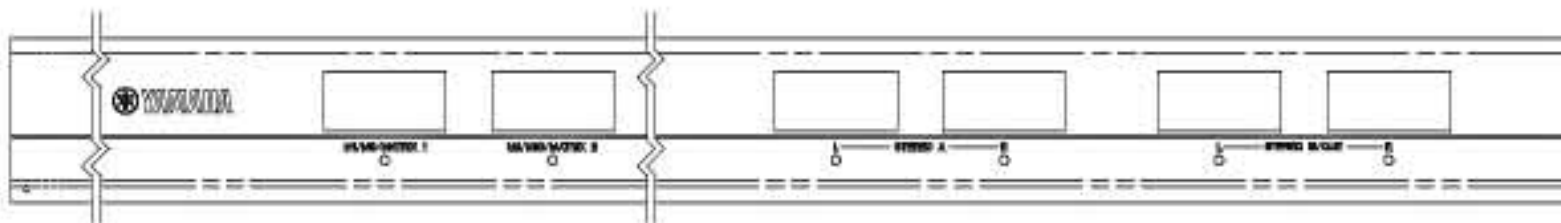
• Rear view

4

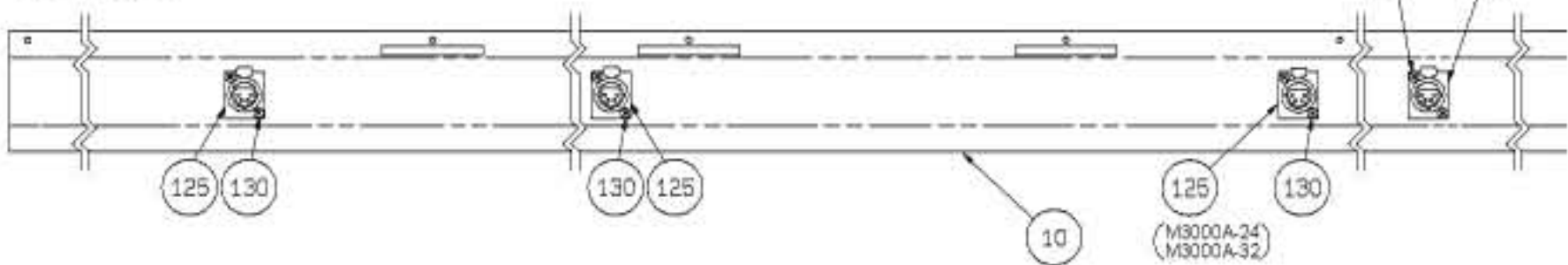


STEREO B / CUE(1PC.)

• Front view



• Rear view



(M3000A-40C)
(M3000A-56C)

(M3000A-34)
(M3000A-32)

(METER PANEL ASSEMBLY)

ELECTRICAL PARTS

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
		ELECTRICAL PARTS				
*	V4314600	Circuit Board	CTRL	(XW219B0)		
*	V4768400	Circuit Board	INBUSL	(XW958B0)		
*	V4768500	Circuit Board	INBUSR1	40CH, 56CH (XW959B0)		
*	V4768700	Circuit Board	INBUSR2	40CH, 56CH (XW959B0)		
*	AAX14890	Circuit Board	INCTRL	(XW954B0)		
*	V4768100	Circuit Board	INFDSW	(XW955B0)		
*	V5287100	Circuit Board	INHAEQ	(XU199D0)		
*	V5286900	Circuit Board	INVRBS	(XU200C0)		
*	NX819690	Circuit Board	MASINS	(XU211B0)		09
*	V4769000	Circuit Board	MASTER	(XW962B0)		
*	V4769100	Circuit Board	MATRIX	(XW963B0)		
	NX819700	Circuit Board	METER1 1/5-5/5	(XU213C0)		17
	--	Circuit Board	METER1 2/5	(NX81974)(XU213C0)		
	--	Circuit Board	METER1 3/5	(NX81975)(XU213C0)		
	--	Circuit Board	METER1 4/5	(NX81976)(XU213C0)		
	--	Circuit Board	METER1 5/5	(NX81977)(XU213C0)		
	NX819710	Circuit Board	METER2-1 1/10	(XU857C0)		17
	--	Circuit Board	METER2 2/10	(NX81978)(XU857C0)		
	--	Circuit Board	METER2 3/10	(NX81979)(XU857C0)		
	--	Circuit Board	METER2 4/10	(NX81980)(XU857C0)		
	--	Circuit Board	METER2 5/10	(NX81981)(XU857C0)		
	NX819820	Circuit Board	METER2-2 6/10	(XU857C0)		17
	--	Circuit Board	METER2 7/10	(NX81983)(XU857C0)		
	--	Circuit Board	METER2 8/10	(NX81984)(XU857C0)		
	--	Circuit Board	METER2 9/10	(NX81985)(XU857C0)		
	--	Circuit Board	METER2 10/10	(NX81986)(XU857C0)		
*	V2307400	Circuit Board	MSOTHR	(XU212C0)		
	NX819680	Circuit Board	MSOUT1	(XV388D0)		15
	NX819720	Circuit Board	MSOUT2	(XV388D0)		13
	NX819730	Circuit Board	ONLDSW	(XU209D0)		10
*	V4768800	Circuit Board	STBUS	(XW960B0)		
*	AAX14900	Circuit Board	STCTRL	(XW956B0)		
*	V4768300	Circuit Board	STFDSW	(XW957B0)		
*	V5287200	Circuit Board	STHAEQ	(XU203D0)		
*	V5287000	Circuit Board	STVRBS	(XU204C0)		
*	V4768900	Circuit Board	SUBIN	(XW961B0)		
*	V5286800	Circuit Board	VCAMAS	(XU218C0)		
	V4314600	Circuit Board	CTRL	(XW219B0)		
	CB056250	LED Spacer				01
BT101	VN103600	Battery Holder	CR2032			03
C101	UF038100	Electrolytic Cap. (chip)	100 16V			01
C101	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C102	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C103	UF038100	Electrolytic Cap. (chip)	100 16V			01
C103	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C104	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C105	UF038100	Electrolytic Cap. (chip)	100 16V			01
C105	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C106	UF038100	Electrolytic Cap. (chip)	100 16V			01
C106	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C107	UF038100	Electrolytic Cap. (chip)	100 16V			01
C107	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C108	UF038100	Electrolytic Cap. (chip)	100 16V			01
C108	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C109	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
-111	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C112	UF037100	Electrolytic Cap. (chip)	10 16V			01
C113	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C114	UF038100	Electrolytic Cap. (chip)	100 16V			01
C114	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C115	UF038100	Electrolytic Cap. (chip)	100 16V			01
C115	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C116	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
-136	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C137	UF038100	Electrolytic Cap. (chip)	100 16V			01
C137	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C138	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01

* New Parts

RANK: Japan only

M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C139	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C140	UF038100	Electrolytic Cap. (chip)	100 16V			01
C140	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C141	UB044100	Monolithic Ceramic Cap.	F 0.01 50V Z			01
-143	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C144	UF037100	Electrolytic Cap. (chip)	10 16V			01
C145	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
-149	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C151	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
-153	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C154	UF038100	Electrolytic Cap. (chip)	100 16V			01
C154	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C155	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C301	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C302	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
C303	UF038100	Electrolytic Cap. (chip)	100 16V			01
C303	UG038100	Electrolytic Cap. (chip)	100UF 16V			01
C304	UB245100	Monolithic Ceramic Cap.	F 0.1 25V Z			01
CN001	VN304300	Connector	5532-NA 6P TE			01
-007	VN304300	Connector	5532-NA 6P TE			01
CN008	VB390000	Connector Base Post	PH- 4P TE			01
CN101	VN304000	Connector	5533-NAPB 6P SE			01
-107	VN304000	Connector	5533-NAPB 6P SE			01
CN108	V2504100	Connector Assembly	SAN&PH 4P 350L			05
CN121	VB390300	Connector Base Post	PH- 7P TE			01
CN122	VB390600	Connector Base Post	PH-10P TE			01
CN123	VB390700	Connector Base Post	PH-11P TE			01
CN124	VB390100	Connector Base Post	PH- 5P TE			01
CN224	VB390800	Connector Base Post	PH-12P TE			01
CN225	VB390400	Connector Base Post	PH- 8P TE			01
CN226	VB390500	Connector Base Post	PH- 9P TE			03
CN230	VB390200	Connector Base Post	PH- 6P TE			01
D101	VT332900	Diode	1SS355 TE-17			01
D201	VT332900	Diode	1SS355 TE-17			01
-225	VT332900	Diode	1SS355 TE-17			01
D301	VT332900	Diode	1SS355 TE-17			01
EM101	FZ006970	LC Filter	LS MT Y223NB			02
EM102	FZ006970	LC Filter	LS MT Y223NB			02
IC101	VL184700	IC Socket	DICF-28CS-E			02
IC101	XW642D00	IC	M27C512-12F1	MASK ROM 512K		07
IC102	XV411A00	IC	W24258S-70LE-EL10	SRAM 256K		05
IC102	XW433A00	IC	CY62256LL-70SNCT	SRAM 256K		09
IC103	XK278A00	IC	HD6435208A00P	CPU		07
IC104	XM047A00	IC	YSP99 LZ95D59	GATE ARRAY		20
IC105	XQ962D00	IC	YSS228E-F	DSP3		07
IC106	XR361A00	IC	AK4320-VM-E1	DAC		04
IC107	XI686A00	IC	M62021FP	RESET		02
IC108	XN797A00	IC	NJM2082M(T1)	OP AMP		01
IC109	XD830A00	IC	SN74HC04NSR	INVERTER		03
IC110	XC725A00	IC	SN74HC14NSR	INVERTER		01
IC111	XE165A00	IC	SN74HC00NSR	NAND		01
IC112	XD833A00	IC	SN74HC32NSR	OR		04
IC121	XD838A00	IC	SN74HC245NSR	BUFFER		03
IC122	XQ042A00	IC	SN74HC374ANSR	D-FF		02
IC123	XD836A00	IC	SN74HC174NSR	D FF		02
IC124	XD835A00	IC	SN74HC138NSR	DECODER		04
IC125	XD838A00	IC	SN74HC245NSR	BUFFER		04
IC131	XD838A00	IC	SN74HC245NSR	BUFFER		01
IC132	XH223A00	IC	SN74HC273NSR	D-FF		03
IC133	XJ467A00	IC	TD62503F	DRIVER		03
IC134	XJ467A00	IC	TD62503F	DRIVER		05
IC301	VD473200	Photo Coupler	6N137			03
IC302	XC725A00	IC	SN74HC14NSR	INVERTER		04
JK301	VI466400	DIN Connector	3-DIN YKF51-5046			01
K101	VB966900	Style Pin	IMSA-6024			01
-105	VB966900	Style Pin	IMSA-6024			03
L101	VS740100	Chip Inductance	BLM21B751S 2125			03
-144	VS740100	Chip Inductance	BLM21B751S 2125			03
L151	VS740100	Chip Inductance	BLM21B751S 2125			03
-169	VS740100	Chip Inductance	BLM21B751S 2125			03

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
L307	VS740100	Chip Inductance	BLM21B751S 2125			03
-309	VS740100	Chip Inductance	BLM21B751S 2125			03
L311	VS740100	Chip Inductance	BLM21B751S 2125			03
-316	VS740100	Chip Inductance	BLM21B751S 2125			03
LD201	V2693000	LED Yellow	SLR-342YY3F YE	DIRECT RECALL		01
-208	V2693000	LED Yellow	SLR-342YY3F YE			01
LD209	VR080300	LED Green	SLR-342MG3F GR	CHECK UTILITY		01
LD210	V2693000	LED Yellow	SLR-342YY3F YE			01
LD211	VN135500	LED Display	LB-303VA			06
Q101	VQ736500	Digital Transistor	DTB123EK			01
-104	VQ736500	Digital Transistor	DTB123EK			01
R101	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
-105	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R106	RD254330	Carbon Resistor (chip)	33.0 0.1 J			01
-113	RD254330	Carbon Resistor (chip)	33.0 0.1 J			01
R114	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
-130	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R131	RD259470	Carbon Resistor (chip)	4.7M 0.1 J			01
R132	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R133	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R139	RD255220	Carbon Resistor (chip)	220.0 0.1 J			01
R140	RD259470	Carbon Resistor (chip)	4.7M 0.1 J			01
R141	RD259470	Carbon Resistor (chip)	4.7M 0.1 J			01
R142	RD154820	Carbon Resistor (chip)	82.0 1/4 J			01
R143	RD254330	Carbon Resistor (chip)	33.0 0.1 J			01
R144	RD256220	Carbon Resistor (chip)	2.2K 0.1 J			01
R145	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
-147	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R148	RD256220	Carbon Resistor (chip)	2.2K 0.1 J			01
-155	RD256220	Carbon Resistor (chip)	2.2K 0.1 J			01
R156	RD256100	Carbon Resistor (chip)	1.0K 0.1 J			01
-163	RD256100	Carbon Resistor (chip)	1.0K 0.1 J			01
R164	RD255220	Carbon Resistor (chip)	220.0 0.1 J			01
R165	RD255220	Carbon Resistor (chip)	220.0 0.1 J			01
R166	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
-168	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
R169	RD256100	Carbon Resistor (chip)	1.0K 0.1 J			01
R170	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
-177	RD257220	Carbon Resistor (chip)	22.0K 0.1 J			01
* R178	RD155150	Carbon Resistor (chip)	150.0 1/4 J			01
* -186	RD155150	Carbon Resistor (chip)	150.0 1/4 J			01
R187	HV753100	Flame Proof C. Resistor	1.0 1/4 J			01
R188	VC744700	Metal Oxide Film Resistor	75.0 1W J			01
R189	VC744700	Metal Oxide Film Resistor	75.0 1W J			01
R301	RD255220	Carbon Resistor (chip)	220.0 0.1 J			01
-305	RD255220	Carbon Resistor (chip)	220.0 0.1 J			01
R306	RD256100	Carbon Resistor (chip)	1.0K 0.1 J			01
SW201	V3835200	Push Switch	2C-2S Non-Lock	DIRECT RECALL1-8, SCENE MEMORY Number0-9, ENTER,CHECK,STORE, MEMORY,RECALL,UTILITY		01
-225	V3835200	Push Switch	2C-2S Non-Lock			01
X101	V4584600	Ceramic Resonator	20.00M CSTCV20.00			01
X102	V4440400	Ceramic Resonator	11.2M CSTCV11.2			02
X103	V3743900	Ceramic Resonator	30.00M CSTCV30MX			02
*	V4768400	Circuit Board	INBUSL	(XW958B0)		
CN161	VV066600	Connector Base Post	M2426XX 6P TE			01
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066800	Connector Base Post	M2426XX 8P TE			01
CN171	VV066700	Connector Base Post	M2426XX 7P TE			01
CN201	VK217500	Receptacle	FJ 12P			02
-206	VK217500	Receptacle	FJ 12P			02
CN211	VL548900	Short Plug	FJ 12P			02
-216	VL548900	Short Plug	FJ 12P			02
K201	V2402600	Terminal Angle Bracket				01
-203	V2402600	Terminal Angle Bracket				01

*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
K211	V2402600	Terminal Angle Bracket				01
-213	V2402600	Terminal Angle Bracket				01
SW101	V4584400	Slide Switch	SSSF122NA1	ON/OFF		02
SW102	V4584500	Slide Switch	SSSF142NA1	ON/OFF		02
* CN161	V4768500	Circuit Board	INBUSR1	40CH, 56CH (XW959B0)		
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066800	Connector Base Post	M2426XX 8P TE			01
CN171	VV066700	Connector Base Post	M2426XX 7P TE			01
CN201	VV068600	Connector Base Post	M2426XXR 12P SE			01
-206	VV068600	Connector Base Post	M2426XXR 12P SE			01
CN211	VK217500	Receptacle	FJ 12P			02
-216	VK217500	Receptacle	FJ 12P			02
K201	V2402600	Terminal Angle Bracket				01
-203	V2402600	Terminal Angle Bracket				01
K211	V2402600	Terminal Angle Bracket				01
-213	V2402600	Terminal Angle Bracket				01
SW101	V4584400	Slide Switch	SSSF122NA1	ON/OFF		02
SW102	V4584500	Slide Switch	SSSF142NA1	ON/OFF		02
* CN161	V4768700	Circuit Board	INBUSR2	40CH, 56CH (XW959B0)		
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066800	Connector Base Post	M2426XX 8P TE			01
CN171	VV066700	Connector Base Post	M2426XX 7P TE			01
CN201	VK217500	Receptacle	FJ 12P			02
-206	VK217500	Receptacle	FJ 12P			02
CN211	VL548900	Short Plug	FJ 12P			02
-216	VL548900	Short Plug	FJ 12P			02
K201	V2402600	Terminal Angle Bracket				01
-203	V2402600	Terminal Angle Bracket				01
K211	V2402600	Terminal Angle Bracket				01
-213	V2402600	Terminal Angle Bracket				01
SW101	V4584400	Slide Switch	SSSF122NA1	ON/OFF		02
SW102	V4584500	Slide Switch	SSSF142NA1	ON/OFF		02
* C101	AAX14890	Circuit Board	INCTRL	(XW954B0)		
C102	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C103	VV062800	Mylar Capacitor	0.1 50V J			01
C104	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C105	VV062800	Mylar Capacitor	0.1 50V J			01
C106	UJ828100	Electrolytic Cap.	100.00 10.0V			01
C107	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C108	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C205	VV062800	Mylar Capacitor	0.1 50V J			01
C301	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C302	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C303	VV062800	Mylar Capacitor	0.1 50V J			01
C304	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C305	VV062800	Mylar Capacitor	0.1 50V J			01
C405	VV062800	Mylar Capacitor	0.1 50V J			01
C501	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C502	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C503	VV062800	Mylar Capacitor	0.1 50V J			01
C504	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C505	VV062800	Mylar Capacitor	0.1 50V J			01
C506	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C605	VV062800	Mylar Capacitor	0.1 50V J			01
C701	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C702	VZ353500	Ceramic Capacitor-SL	100P 50V J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C703	VV062800	Mylar Capacitor	0.1 50V J			01
C704	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C705	VV062800	Mylar Capacitor	0.1 50V J			01
C805	VV062800	Mylar Capacitor	0.1 50V J			01
Q101	IC1815M0	Transistor	2SC1815Y,GR			01
Q102	IC1815M0	Transistor	2SC1815Y,GR			01
Q201	IC1815M0	Transistor	2SC1815Y,GR			01
-203	IC1815M0	Transistor	2SC1815Y,GR			01
CN131	VV066300	Connector Base Post	M2426XX 3P TE			01
-138	VV066300	Connector Base Post	M2426XX 3P TE			01
CN141	VG207800	Connector	5532-NA 10P TE			01
-148	VG207800	Connector	5532-NA 10P TE			01
CN151	VV066500	Connector Base Post	M2426XX 5P TE			01
CN152	VV066400	Connector Base Post	M2426XX 4P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066800	Connector Base Post	M2426XX 8P TE			01
CN171	VV066700	Connector Base Post	M2426XX 7P TE			01
EM101	VV056900	Noise Filter	ZJSR5101-223TA			01
IC101	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC102	IR000200	IC	TC74HC02AP	NOR		03
IC301	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC501	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC502	IR000200	IC	TC74HC02AP	NOR		03
IC701	XP451A00	IC	PM25 LZ95300	INTERFACE		04
Q301	IC1815M0	Transistor	2SC1815Y,GR			01
Q302	IC1815M0	Transistor	2SC1815Y,GR			01
Q401	IC1815M0	Transistor	2SC1815Y,GR			01
Q402	IC1815M0	Transistor	2SC1815Y,GR			01
Q403	IC1815M0	Transistor	2SC1815Y,GR			01
Q501	IC1815M0	Transistor	2SC1815Y,GR			01
Q502	IC1815M0	Transistor	2SC1815Y,GR			01
Q601	IC1815M0	Transistor	2SC1815Y,GR			01
-603	IC1815M0	Transistor	2SC1815Y,GR			01
Q701	IC1815M0	Transistor	2SC1815Y,GR			01
Q702	IC1815M0	Transistor	2SC1815Y,GR			01
Q801	IC1815M0	Transistor	2SC1815Y,GR			01
Q802	IC1815M0	Transistor	2SC1815Y,GR			01
Q803	IC1815M0	Transistor	2SC1815Y,GR			01
R101	HF457100	Carbon Resistor	10.0K 1/4 J			01
R102	HF457100	Carbon Resistor	10.0K 1/4 J			01
R103	HF458100	Carbon Resistor	100.0K 1/4 J			01
R201	HF457100	Carbon Resistor	10.0K 1/4 J			01
R202	HF457100	Carbon Resistor	10.0K 1/4 J			01
R203	HF458100	Carbon Resistor	100.0K 1/4 J			01
R204	HF457120	Carbon Resistor	12.0K 1/4 J			01
R205	HF456150	Carbon Resistor	1.5K 1/4 J			01
R206	HF455100	Carbon Resistor	100.0 1/4 J			01
R301	HF457100	Carbon Resistor	10.0K 1/4 J			01
R302	HF457100	Carbon Resistor	10.0K 1/4 J			01
R303	HF458100	Carbon Resistor	100.0K 1/4 J			01
R401	HF457100	Carbon Resistor	10.0K 1/4 J			01
R402	HF457100	Carbon Resistor	10.0K 1/4 J			01
R403	HF458100	Carbon Resistor	100.0K 1/4 J			01
R404	HF457120	Carbon Resistor	12.0K 1/4 J			01
R405	HF456150	Carbon Resistor	1.5K 1/4 J			01
R406	HF455100	Carbon Resistor	100.0 1/4 J			01
R501	HF457100	Carbon Resistor	10.0K 1/4 J			01
R502	HF457100	Carbon Resistor	10.0K 1/4 J			01
R503	HF458100	Carbon Resistor	100.0K 1/4 J			01
R601	HF457100	Carbon Resistor	10.0K 1/4 J			01
R602	HF457100	Carbon Resistor	10.0K 1/4 J			01
R603	HF458100	Carbon Resistor	100.0K 1/4 J			01
R604	HF457120	Carbon Resistor	12.0K 1/4 J			01
R605	HF456150	Carbon Resistor	1.5K 1/4 J			01
R606	HF455100	Carbon Resistor	100.0 1/4 J			01
R701	HF457100	Carbon Resistor	10.0K 1/4 J			01
R702	HF457100	Carbon Resistor	10.0K 1/4 J			01
R703	HF458100	Carbon Resistor	100.0K 1/4 J			01
R801	HF457100	Carbon Resistor	10.0K 1/4 J			01
R802	HF457100	Carbon Resistor	10.0K 1/4 J			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R803	HF458100	Carbon Resistor	100.0K 1/4 J			01
R804	HF457120	Carbon Resistor	12.0K 1/4 J			01
R805	HF456150	Carbon Resistor	1.5K 1/4 J			01
R806	HF455100	Carbon Resistor	100.0 1/4 J			01
	V4768100	Circuit Board	INFDSW	(XW955B0)		
	V4467500	Push Button	CD-GRAY/WHITE	VCA1-8	64	01
	V4469400	Push Button	CL-GRAY/RED	PFL	8	01
	VV307300	LED Spacer			72	01
C101	VV062400	Mylar Capacitor	0.047 50V J			01
C102	VV062800	Mylar Capacitor	0.1 50V J			01
C103	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C104	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C105	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C106	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C107	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C201	VV062400	Mylar Capacitor	0.047 50V J			01
C202	VV062800	Mylar Capacitor	0.1 50V J			01
C203	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C301	VV062400	Mylar Capacitor	0.047 50V J			01
C302	VV062800	Mylar Capacitor	0.1 50V J			01
C303	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C304	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C305	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C306	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C401	VV062400	Mylar Capacitor	0.047 50V J			01
C402	VV062800	Mylar Capacitor	0.1 50V J			01
C403	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C501	VV062400	Mylar Capacitor	0.047 50V J			01
C502	VV062800	Mylar Capacitor	0.1 50V J			01
C503	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C504	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C505	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C506	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C601	VV062400	Mylar Capacitor	0.047 50V J			01
C602	VV062800	Mylar Capacitor	0.1 50V J			01
C603	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C701	VV062400	Mylar Capacitor	0.047 50V J			01
C702	VV062800	Mylar Capacitor	0.1 50V J			01
C703	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C704	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C705	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C706	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C801	VV062400	Mylar Capacitor	0.047 50V J			01
C802	VV062800	Mylar Capacitor	0.1 50V J			01
C803	VZ353900	Ceramic Cap.-B	1000P 50V K			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D102	VD631600	Diode	1SS133,176,HSS104			01
D201	VD631600	Diode	1SS133,176,HSS104			01
D202	VD631600	Diode	1SS133,176,HSS104			01
D301	VD631600	Diode	1SS133,176,HSS104			01
D302	VD631600	Diode	1SS133,176,HSS104			01
D401	VD631600	Diode	1SS133,176,HSS104			01
D402	VD631600	Diode	1SS133,176,HSS104			01
D501	VD631600	Diode	1SS133,176,HSS104			01
D502	VD631600	Diode	1SS133,176,HSS104			01
D601	VD631600	Diode	1SS133,176,HSS104			01
D602	VD631600	Diode	1SS133,176,HSS104			01
D701	VD631600	Diode	1SS133,176,HSS104			01
D702	VD631600	Diode	1SS133,176,HSS104			01
D801	VD631600	Diode	1SS133,176,HSS104			01
D802	VD631600	Diode	1SS133,176,HSS104			01
Q101	IC1815M0	Transistor	2SC1815 Y,GR			01
Q102	IC1815M0	Transistor	2SC1815 Y,GR			01
Q103	IA101590	Transistor	2SA1015 O,Y			01
Q201	IC1815M0	Transistor	2SC1815 Y,GR			01
Q202	IC1815M0	Transistor	2SC1815 Y,GR			01
Q203	IA101590	Transistor	2SA1015 O,Y			01
Q301	IC1815M0	Transistor	2SC1815 Y,GR			01
Q302	IC1815M0	Transistor	2SC1815 Y,GR			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
Q303	IA101590	Transistor	2SA1015 O.Y		01
Q401	IC1815M0	Transistor	2SC1815Y,GR		01
Q402	IC1815M0	Transistor	2SC1815Y,GR		01
Q403	IA101590	Transistor	2SA1015 O.Y		01
Q501	IC1815M0	Transistor	2SC1815Y,GR		01
Q502	IC1815M0	Transistor	2SC1815Y,GR		01
Q503	IA101590	Transistor	2SA1015 O.Y		01
Q601	IC1815M0	Transistor	2SC1815Y,GR		01
Q602	IC1815M0	Transistor	2SC1815Y,GR		01
Q603	IA101590	Transistor	2SA1015 O.Y		01
Q701	IC1815M0	Transistor	2SC1815Y,GR		01
Q702	IC1815M0	Transistor	2SC1815Y,GR		01
Q703	IA101590	Transistor	2SA1015 O.Y		01
Q801	IC1815M0	Transistor	2SC1815Y,GR		01
Q802	IC1815M0	Transistor	2SC1815Y,GR		01
Q803	IA101590	Transistor	2SA1015 O.Y		01
R101	V2348800	Metal Film Resistor	100K 1/4 F		01
	-109	V2348800	Metal Film Resistor	100K 1/4 F	01
R110	HF457100	Carbon Resistor	10.0K 1/4 J		01
R111	HF456100	Carbon Resistor	1.0K 1/4 J		01
R112	HF457120	Carbon Resistor	12.0K 1/4 J		01
R113	HF456150	Carbon Resistor	1.5K 1/4 J		01
R114	HF455100	Carbon Resistor	100.0 1/4 J		01
R115	HF457120	Carbon Resistor	12.0K 1/4 J		01
R116	HF456150	Carbon Resistor	1.5K 1/4 J		01
R117	HF455100	Carbon Resistor	100.0 1/4 J		01
R118	VV065700	Metal Film Resistor	18K 1/4 F		01
R119	VV065700	Metal Film Resistor	18K 1/4 F		01
R120	HF455100	Carbon Resistor	100.0 1/4 J		01
R121	HF458100	Carbon Resistor	100.0K 1/4 J		01
R122	HF457220	Carbon Resistor	22.0K 1/4 J		01
R201	V2348800	Metal Film Resistor	100K 1/4 F		01
	-209	V2348800	Metal Film Resistor	100K 1/4 F	01
R210	HF457100	Carbon Resistor	10.0K 1/4 J		01
R211	HF456100	Carbon Resistor	1.0K 1/4 J		01
R212	HF457120	Carbon Resistor	12.0K 1/4 J		01
R213	HF456150	Carbon Resistor	1.5K 1/4 J		01
R214	HF455100	Carbon Resistor	100.0 1/4 J		01
R215	HF457120	Carbon Resistor	12.0K 1/4 J		01
R216	HF456150	Carbon Resistor	1.5K 1/4 J		01
R217	HF455100	Carbon Resistor	100.0 1/4 J		01
R218	VV065700	Metal Film Resistor	18K 1/4 F		01
R219	VV065700	Metal Film Resistor	18K 1/4 F		01
R220	HF455100	Carbon Resistor	100.0 1/4 J		01
R221	HF458100	Carbon Resistor	100.0K 1/4 J		01
R222	HF457220	Carbon Resistor	22.0K 1/4 J		01
R301	V2348800	Metal Film Resistor	100K 1/4 F		01
	-309	V2348800	Metal Film Resistor	100K 1/4 F	01
R310	HF457100	Carbon Resistor	10.0K 1/4 J		01
R311	HF456100	Carbon Resistor	1.0K 1/4 J		01
R312	HF457120	Carbon Resistor	12.0K 1/4 J		01
R313	HF456150	Carbon Resistor	1.5K 1/4 J		01
R314	HF455100	Carbon Resistor	100.0 1/4 J		01
R315	HF457120	Carbon Resistor	12.0K 1/4 J		01
R316	HF456150	Carbon Resistor	1.5K 1/4 J		01
R317	HF455100	Carbon Resistor	100.0 1/4 J		01
R318	VV065700	Metal Film Resistor	18K 1/4 F		01
R319	VV065700	Metal Film Resistor	18K 1/4 F		01
R320	HF455100	Carbon Resistor	100.0 1/4 J		01
R321	HF458100	Carbon Resistor	100.0K 1/4 J		01
R322	HF457220	Carbon Resistor	22.0K 1/4 J		01
R401	V2348800	Metal Film Resistor	100K 1/4 F		01
	-409	V2348800	Metal Film Resistor	100K 1/4 F	01
R410	HF457100	Carbon Resistor	10.0K 1/4 J		01
R411	HF456100	Carbon Resistor	1.0K 1/4 J		01
R412	HF457120	Carbon Resistor	12.0K 1/4 J		01
R413	HF456150	Carbon Resistor	1.5K 1/4 J		01
R414	HF455100	Carbon Resistor	100.0 1/4 J		01
R415	HF457120	Carbon Resistor	12.0K 1/4 J		01
R416	HF456150	Carbon Resistor	1.5K 1/4 J		01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R417	HF455100	Carbon Resistor	100.0 1/4 J			01
R418	VV065700	Metal Film Resistor	18K 1/4 F			
R419	VV065700	Metal Film Resistor	18K 1/4 F			
R420	HF455100	Carbon Resistor	100.0 1/4 J			01
R421	HF458100	Carbon Resistor	100.0K 1/4 J			01
R422	HF457220	Carbon Resistor	22.0K 1/4 J			01
R501	V2348800	Metal Film Resistor	100K 1/4 F			01
-509	V2348800	Metal Film Resistor	100K 1/4 F			01
R510	HF457100	Carbon Resistor	10.0K 1/4 J			01
R511	HF456100	Carbon Resistor	1.0K 1/4 J			01
R512	HF457120	Carbon Resistor	12.0K 1/4 J			01
R513	HF456150	Carbon Resistor	1.5K 1/4 J			01
R514	HF455100	Carbon Resistor	100.0 1/4 J			01
R515	HF457120	Carbon Resistor	12.0K 1/4 J			01
R516	HF456150	Carbon Resistor	1.5K 1/4 J			01
R517	HF455100	Carbon Resistor	100.0 1/4 J			01
R518	VV065700	Metal Film Resistor	18K 1/4 F			
R519	VV065700	Metal Film Resistor	18K 1/4 F			
R520	HF455100	Carbon Resistor	100.0 1/4 J			01
R521	HF458100	Carbon Resistor	100.0K 1/4 J			01
R522	HF457220	Carbon Resistor	22.0K 1/4 J			01
R601	V2348800	Metal Film Resistor	100K 1/4 F			01
-609	V2348800	Metal Film Resistor	100K 1/4 F			01
R610	HF457100	Carbon Resistor	10.0K 1/4 J			01
R611	HF456100	Carbon Resistor	1.0K 1/4 J			01
R612	HF457120	Carbon Resistor	12.0K 1/4 J			01
R613	HF456150	Carbon Resistor	1.5K 1/4 J			01
R614	HF455100	Carbon Resistor	100.0 1/4 J			01
R615	HF457120	Carbon Resistor	12.0K 1/4 J			01
R616	HF456150	Carbon Resistor	1.5K 1/4 J			01
R617	HF455100	Carbon Resistor	100.0 1/4 J			01
R618	VV065700	Metal Film Resistor	18K 1/4 F			
R619	VV065700	Metal Film Resistor	18K 1/4 F			
R620	HF455100	Carbon Resistor	100.0 1/4 J			01
R621	HF458100	Carbon Resistor	100.0K 1/4 J			01
R622	HF457220	Carbon Resistor	22.0K 1/4 J			01
R701	V2348800	Metal Film Resistor	100K 1/4 F			01
-709	V2348800	Metal Film Resistor	100K 1/4 F			01
R710	HF457100	Carbon Resistor	10.0K 1/4 J			01
R711	HF456100	Carbon Resistor	1.0K 1/4 J			01
R712	HF457120	Carbon Resistor	12.0K 1/4 J			01
R713	HF456150	Carbon Resistor	1.5K 1/4 J			01
R714	HF455100	Carbon Resistor	100.0 1/4 J			01
R715	HF457120	Carbon Resistor	12.0K 1/4 J			01
R716	HF456150	Carbon Resistor	1.5K 1/4 J			01
R717	HF455100	Carbon Resistor	100.0 1/4 J			01
R718	VV065700	Metal Film Resistor	18K 1/4 F			
R719	VV065700	Metal Film Resistor	18K 1/4 F			
R720	HF455100	Carbon Resistor	100.0 1/4 J			01
R721	HF458100	Carbon Resistor	100.0K 1/4 J			01
R722	HF457220	Carbon Resistor	22.0K 1/4 J			01
R801	V2348800	Metal Film Resistor	100K 1/4 F			01
-809	V2348800	Metal Film Resistor	100K 1/4 F			01
R810	HF457100	Carbon Resistor	10.0K 1/4 J			01
R811	HF456100	Carbon Resistor	1.0K 1/4 J			01
R812	HF457120	Carbon Resistor	12.0K 1/4 J			01
R813	HF456150	Carbon Resistor	1.5K 1/4 J			01
R814	HF455100	Carbon Resistor	100.0 1/4 J			01
R815	HF457120	Carbon Resistor	12.0K 1/4 J			01
R816	HF456150	Carbon Resistor	1.5K 1/4 J			01
R817	HF455100	Carbon Resistor	100.0 1/4 J			01
R818	VV065700	Metal Film Resistor	18K 1/4 F			
R819	VV065700	Metal Film Resistor	18K 1/4 F			
R820	HF455100	Carbon Resistor	100.0 1/4 J			01
R821	HF458100	Carbon Resistor	100.0K 1/4 J			01
R822	HF457220	Carbon Resistor	22.0K 1/4 J			01
CN111	VV068000	Connector Base Post	M2426XXR 6P SE			01
-118	VV068000	Connector Base Post	M2426XXR 6P SE			01
CN152	VV066400	Connector Base Post	M2426XX 4P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
IC101	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC301	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC501	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC701	XQ212A00	IC	NJM4558L-D	OP AMP		03
LD101	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-109	VV938100	LED	LT331-41-C13 YE			01
LD201	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-209	VV938100	LED	LT331-41-C13 YE			01
LD301	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-309	VV938100	LED	LT331-41-C13 YE			01
LD401	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-409	VV938100	LED	LT331-41-C13 YE			01
LD501	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-509	VV938100	LED	LT331-41-C13 YE			01
LD601	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-609	VV938100	LED	LT331-41-C13 YE			01
LD701	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-709	VV938100	LED	LT331-41-C13 YE			01
LD801	VV938100	LED	LT331-41-C13 YE	VCA(1-8), PFL		01
-809	VV938100	LED	LT331-41-C13 YE			01
SW101	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-109	V2947300	Push Switch	ESB31L402			02
SW201	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-209	V2947300	Push Switch	ESB31L402			02
SW301	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-309	V2947300	Push Switch	ESB31L402			02
SW401	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-409	V2947300	Push Switch	ESB31L402			02
SW501	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-509	V2947300	Push Switch	ESB31L402			02
SW601	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-609	V2947300	Push Switch	ESB31L402			02
SW701	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-709	V2947300	Push Switch	ESB31L402			02
SW801	V2947300	Push Switch	ESB31L402	VCA(1-8), PFL		02
-809	V2947300	Push Switch	ESB31L402			02
* VR101	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR201	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR301	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR401	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR501	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR601	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR701	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
* VR801	V5114600	Slide Variable Resistor	D 10.0K RSA0N1S6	Fader		
*	V5287100	Circuit Board	INHAEQ	(XU199D0)		
	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL			01
	--	VR Angle Bracket		(V230970)		
	V4467500	Push Button	CD-GRAY/WHITE	PHANTOM/+48V,PAD,1,HPF	4	01
	V4467700	Push Button	MX-GREEN/WHITE	HI-MID,LOW-MID,EQ(ON/OFF)	3	01
	VV291400	Jumper Wire	0.6			01
C101	UJ867470	Electrolytic Cap.	47.00 50.0V			01
C102	VV488800	Electrolytic Cap.-LLM	10.00 50.0V			01
C103	VV488800	Electrolytic Cap.-LLM	10.00 50.0V			01
C104	VZ353600	Ceramic Cap.-B	220P 50V K			01
C105	VZ353600	Ceramic Cap.-B	220P 50V K			01
C106	VZ353800	Ceramic Cap.-B	470P 50V K			01
C107	V2695600	Electrolytic Cap.-SKP	1000.0 10.0V			01
C108	VZ353800	Ceramic Cap.-B	470P 50V K			01
C109	VZ353600	Ceramic Cap.-B	220P 50V K			01
C110	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C111	VZ352700	Ceramic Capacitor-SL	10P 50V J			01
C112	VZ352700	Ceramic Capacitor-SL	10P 50V J			01
C113	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C114	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C115	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C116	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C117	VV062900	Mylar Capacitor	0.12 50V J			01
C118	VV062900	Mylar Capacitor	0.12 50V J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C119	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C120	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C121	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C122	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C123	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C124	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C125	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C126	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C127	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C128	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C129	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C130	V2347300	Mylar Capacitor	3000P 50V J			01
C131	V2347300	Mylar Capacitor	3000P 50V J			01
C132	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C133	V2347400	Mylar Capacitor	7500P 50V J			01
C134	V2347400	Mylar Capacitor	7500P 50V J			01
C135	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C136	V2347500	Mylar Capacitor	0.036U 50V J			01
C137	V2347500	Mylar Capacitor	0.036U 50V J			01
C138	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C139	VV062800	Mylar Capacitor	0.1 50V J			01
C140	VV062800	Mylar Capacitor	0.1 50V J			01
C141	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C142	VZ353600	Ceramic Cap.-B	220P 50V K			01
C143	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C144	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C145	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C146	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C147	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C148	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C149	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-154	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C155	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C156	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C157	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C158	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C159	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-174	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C175	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C176	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C177	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C178	VZ353800	Ceramic Cap.-B	470P 50V K			01
C179	VZ353800	Ceramic Cap.-B	470P 50V K			01
C180	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C181	UJ847100	Electrolytic Cap.	10.00 25.0V			01
CN101	VV066600	Connector Base Post	M2426XX 6P TE			01
CN111	VV068300	Connector Base Post	M2426XXR 9P SE			01
CN151	VV067900	Connector Base Post	M2426XXR 5P SE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
IC101	XF195A00	IC	NJM4580L	OP AMP		04
IC102	XM356A00	IC	NJM2068L-D	OP AMP		02
-107	XM356A00	IC	NJM2068L-D	OP AMP		02
IC108	XF195A00	IC	NJM4580L	OP AMP		04
IC109	XU119A00	IC	SSM2018TP	VCA		09
JK101	VS763000	XLM Connector	NC3FAHR1-0	INPUT		03
JK102	VZ661000	Phone Jack	JY-6313	DIRECT OUT		02
JK103	VZ661000	Phone Jack	JY-6313	INSERT I/O		02
K101	--	Holder, Phone Jack		(VZ70940)		
K103	VB966900	Style Pin	IMSA-6024			01
LD101	V3091800	LED Red	LT311G41BAC RE	+48V		01
Q101	IC224030	Transistor	2SC2240 GR,BL			01
Q102	IC224030	Transistor	2SC2240 GR,BL			01
R101	HF458100	Carbon Resistor	100.0K 1/4 J			01
R102	VV065300	Metal Film Resistor	6.8K 1/4 F			01
R103	VV065300	Metal Film Resistor	6.8K 1/4 F			01
R104	VV065100	Metal Film Resistor	2.2K 1/4 F			01
R105	HF455240	Carbon Resistor	240.0 1/4 J			01
R106	VV065100	Metal Film Resistor	2.2K 1/4 F			01
R107	VV058400	Flame Proof C. Resistor	390.0 1/4 J			01
R108	HF456220	Carbon Resistor	2.2K 1/4 J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R109	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R110	HF454100	Carbon Resistor	10.0 1/4 J			01
R111	HF454100	Carbon Resistor	10.0 1/4 J			01
R112	VV066100	Metal Film Resistor	47K 1/4 F			01
R113	VV066100	Metal Film Resistor	47K 1/4 F			01
R114	HF454100	Carbon Resistor	10.0 1/4 J			01
R115	VV065100	Metal Film Resistor	2.2K 1/4 F			01
R116	HF454200	Carbon Resistor	20.0 1/4 J			01
R117	VV065100	Metal Film Resistor	2.2K 1/4 F			01
R118	HF454100	Carbon Resistor	10.0 1/4 J			01
R119	VV065900	Metal Film Resistor	24K 1/4 F			01
R120	VV065400	Metal Film Resistor	8.2K 1/4 F			01
R121	VV065400	Metal Film Resistor	8.2K 1/4 F			01
R122	VV065900	Metal Film Resistor	24K 1/4 F			01
R123	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R124	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R125	HF458220	Carbon Resistor	220.0K 1/4 J			01
R126	HF457100	Carbon Resistor	10.0K 1/4 J			01
R127	HF457100	Carbon Resistor	10.0K 1/4 J			01
R128	HF454390	Carbon Resistor	39.0 1/4 J			01
R129	HF458220	Carbon Resistor	220.0K 1/4 J			01
R130	HF458220	Carbon Resistor	220.0K 1/4 J			01
R131	HF456240	Carbon Resistor	2.4K 1/4 J			01
R132	HF456470	Carbon Resistor	4.7K 1/4 J			01
R133	HF454390	Carbon Resistor	39.0 1/4 J			01
R134	HF458220	Carbon Resistor	220.0K 1/4 J			01
R135	HF458100	Carbon Resistor	100.0K 1/4 J			01
R136	VZ009900	Metal Film Resistor	15K 1/4 F			01
R137	VZ009900	Metal Film Resistor	15K 1/4 F			01
R138	VZ009900	Metal Film Resistor	15K 1/4 F			01
R139	HF454100	Carbon Resistor	10.0 1/4 J			01
R140	VZ009900	Metal Film Resistor	15K 1/4 F			01
R141	HF454100	Carbon Resistor	10.0 1/4 J			01
R142	HF458100	Carbon Resistor	100.0K 1/4 J			01
R143	V2348600	Metal Film Resistor	3K 1/4 F			01
R144	HF456680	Carbon Resistor	6.8K 1/4 J			01
R145	HF456680	Carbon Resistor	6.8K 1/4 J			01
R146	HF456270	Carbon Resistor	2.7K 1/4 J			01
R147	HF456270	Carbon Resistor	2.7K 1/4 J			01
R148	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R149	V3029000	Metal Film Resistor	1K 1/4 F			01
R150	V2348600	Metal Film Resistor	3K 1/4 F			01
R151	HF457300	Carbon Resistor	30.0K 1/4 J			01
R152	HF457220	Carbon Resistor	22.0K 1/4 J			01
R153	HF456680	Carbon Resistor	6.8K 1/4 J			01
R154	HF456270	Carbon Resistor	2.7K 1/4 J			01
R155	HF456270	Carbon Resistor	2.7K 1/4 J			01
R156	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R157	V3029000	Metal Film Resistor	1K 1/4 F			01
R158	V2348600	Metal Film Resistor	3K 1/4 F			01
R159	HF457300	Carbon Resistor	30.0K 1/4 J			01
R160	HF457220	Carbon Resistor	22.0K 1/4 J			01
R161	HF456680	Carbon Resistor	6.8K 1/4 J			01
R162	HF456270	Carbon Resistor	2.7K 1/4 J			01
R163	HF456270	Carbon Resistor	2.7K 1/4 J			01
R164	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R165	V3029000	Metal Film Resistor	1K 1/4 F			01
R166	V2348600	Metal Film Resistor	3K 1/4 F			01
R167	HF456680	Carbon Resistor	6.8K 1/4 J			01
R168	HF456680	Carbon Resistor	6.8K 1/4 J			01
R169	HF456270	Carbon Resistor	2.7K 1/4 J			01
R170	HF456270	Carbon Resistor	2.7K 1/4 J			01
R171	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R172	V3029000	Metal Film Resistor	1K 1/4 F			01
R174	HF455330	Carbon Resistor	330.0 1/4 J			01
R175	HF455220	Carbon Resistor	220.0 1/4 J			01
R176	HF457470	Carbon Resistor	47.0K 1/4 J			01
R177	HF455220	Carbon Resistor	220.0 1/4 J			01
R178	HF456120	Carbon Resistor	1.2K 1/4 J			01
R179	HF454100	Carbon Resistor	10.0 1/4 J			01

* New Parts

RANK: Japan only

M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R180	HF458100	Carbon Resistor	100.0K 1/4 J			01
R181	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R182	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R183	HF458150	Carbon Resistor	150.0K 1/4 J			01
R185	HF454100	Carbon Resistor	10.0 1/4 J			01
R186	VV312400	Metal Film Resistor	3.9K 1/4 F			01
R187	V2348500	Metal Film Resistor	2.7K 1/4 F			01
R188	HF455220	Carbon Resistor	220.0 1/4 J			01
R189	HF457470	Carbon Resistor	47.0K 1/4 J			01
R190	HF455220	Carbon Resistor	220.0 1/4 J			01
R191	HF456430	Carbon Resistor	4.3K 1/4 J			01
R192	HF457100	Carbon Resistor	10.0K 1/4 J			01
R193	HF454100	Carbon Resistor	10.0 1/4 J			01
R194	HF458100	Carbon Resistor	100.0K 1/4 J			01
R196	HF455560	Carbon Resistor	560.0 1/4 J			01
R197	HF454390	Carbon Resistor	39.0 1/4 J			01
RY101	VM640200	Relay	DC RY 12W-OH-K			05
SW101	VQ901900	Push Switch	SPUN19-2N-W H6.5	PHANTOM+48V,PAD,E*,HPF,		03
-107	VQ901900	Push Switch	SPUN19-2N-W H6.5	HI-MID,LO-MID,EQ		03
VR101	VZ659200	Rotary Variable Resistor	RD 5.0K RK09D111	GAIN		01
VR102	VZ660200	Rotary Variable Resistor	RK09L1220	HPF		03
VR103	VZ659400	Rotary Variable Resistor	W 50K RK11K112	HI		03
VR104	VZ659700	Rotary Variable Resistor	C 50K EVJCS5F0	HI-f		03
VR105	VZ659400	Rotary Variable Resistor	W 50K RK11K112	HI-MID		03
VR106	VZ659700	Rotary Variable Resistor	C 50K EVJCS5F0	HI-MID-f		03
VR107	VZ659400	Rotary Variable Resistor	W 50K RK11K112	LO-MID		03
VR108	VZ659700	Rotary Variable Resistor	C 50K EVJCS5F0	LO-MID-f		03
VR109	VZ659400	Rotary Variable Resistor	W 50K RK11K112	LOW		03
VR110	VZ659700	Rotary Variable Resistor	C 50K EVJCS5F0	LOW-f		03
	V5286900	Circuit Board	INVRBS	(XU200C0)		
	V4467500	Push Button	CD-GRAY/WHITE	MI-M6,PRE	80	01
	V4467800	Push Button	MX-BLUE/WHITE	M9-M12,M13/M14,M15/M16	64	01
	V4468000	Push Button	RED/WHITE	ST	8	01
CN101	VV066600	Connector Base Post	M2426XX 6P TE			01
-108	VV066600	Connector Base Post	M2426XX 6P TE			01
CN161	VV066600	Connector Base Post	M2426XX 6P TE			01
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
R101	HF457100	Carbon Resistor	10.0K 1/4 J			01
R102	VV065700	Metal Film Resistor	18K 1/4 F			01
R103	VV065700	Metal Film Resistor	18K 1/4 F			01
R104	HF457100	Carbon Resistor	10.0K 1/4 J			01
R105	VV065700	Metal Film Resistor	18K 1/4 F			01
R106	VV065700	Metal Film Resistor	18K 1/4 F			01
R107	HF457100	Carbon Resistor	10.0K 1/4 J			01
R108	VV065700	Metal Film Resistor	18K 1/4 F			01
R109	VV065700	Metal Film Resistor	18K 1/4 F			01
R110	HF457100	Carbon Resistor	10.0K 1/4 J			01
R111	VV065700	Metal Film Resistor	18K 1/4 F			01
R112	VV065700	Metal Film Resistor	18K 1/4 F			01
R113	HF457100	Carbon Resistor	10.0K 1/4 J			01
R114	VV065700	Metal Film Resistor	18K 1/4 F			01
R115	VV065700	Metal Film Resistor	18K 1/4 F			01
R116	HF457100	Carbon Resistor	10.0K 1/4 J			01
R117	VV065700	Metal Film Resistor	18K 1/4 F			01
R118	VV065700	Metal Film Resistor	18K 1/4 F			01
R119	HF457100	Carbon Resistor	10.0K 1/4 J			01
R120	VV065700	Metal Film Resistor	18K 1/4 F			01
R121	VV065700	Metal Film Resistor	18K 1/4 F			01
R122	HF457100	Carbon Resistor	10.0K 1/4 J			01
R123	VV065700	Metal Film Resistor	18K 1/4 F			01
R124	VV065700	Metal Film Resistor	18K 1/4 F			01
R125	HF457100	Carbon Resistor	10.0K 1/4 J			01
R126	VV065700	Metal Film Resistor	18K 1/4 F			01
R127	HF457100	Carbon Resistor	10.0K 1/4 J			01
R128	VV065700	Metal Film Resistor	18K 1/4 F			01
R129	HF457100	Carbon Resistor	10.0K 1/4 J			01
R130	VV065700	Metal Film Resistor	18K 1/4 F			01
R131	HF457100	Carbon Resistor	10.0K 1/4 J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R132	VV065700	Metal Film Resistor	18K 1/4 F			
-138	VV065700	Metal Film Resistor	18K 1/4 F			
R201	HF457100	Carbon Resistor	10.0K 1/4 J			01
R202	VV065700	Metal Film Resistor	18K 1/4 F			
R203	VV065700	Metal Film Resistor	18K 1/4 F			
R204	HF457100	Carbon Resistor	10.0K 1/4 J			01
R205	VV065700	Metal Film Resistor	18K 1/4 F			
R206	VV065700	Metal Film Resistor	18K 1/4 F			
R207	HF457100	Carbon Resistor	10.0K 1/4 J			01
R208	VV065700	Metal Film Resistor	18K 1/4 F			
R209	VV065700	Metal Film Resistor	18K 1/4 F			
R210	HF457100	Carbon Resistor	10.0K 1/4 J			01
R211	VV065700	Metal Film Resistor	18K 1/4 F			
R212	VV065700	Metal Film Resistor	18K 1/4 F			
R213	HF457100	Carbon Resistor	10.0K 1/4 J			01
R214	VV065700	Metal Film Resistor	18K 1/4 F			
R215	VV065700	Metal Film Resistor	18K 1/4 F			
R216	HF457100	Carbon Resistor	10.0K 1/4 J			01
R217	VV065700	Metal Film Resistor	18K 1/4 F			
R218	VV065700	Metal Film Resistor	18K 1/4 F			
R219	HF457100	Carbon Resistor	10.0K 1/4 J			01
R220	VV065700	Metal Film Resistor	18K 1/4 F			
R221	VV065700	Metal Film Resistor	18K 1/4 F			
R222	HF457100	Carbon Resistor	10.0K 1/4 J			01
R223	VV065700	Metal Film Resistor	18K 1/4 F			
R224	VV065700	Metal Film Resistor	18K 1/4 F			
R225	HF457100	Carbon Resistor	10.0K 1/4 J			01
R226	VV065700	Metal Film Resistor	18K 1/4 F			
R227	HF457100	Carbon Resistor	10.0K 1/4 J			01
R228	VV065700	Metal Film Resistor	18K 1/4 F			
R229	HF457100	Carbon Resistor	10.0K 1/4 J			01
R230	VV065700	Metal Film Resistor	18K 1/4 F			
R231	HF457100	Carbon Resistor	10.0K 1/4 J			01
R232	VV065700	Metal Film Resistor	18K 1/4 F			
-238	VV065700	Metal Film Resistor	18K 1/4 F			
R301	HF457100	Carbon Resistor	10.0K 1/4 J			01
R302	VV065700	Metal Film Resistor	18K 1/4 F			
R303	VV065700	Metal Film Resistor	18K 1/4 F			
R304	HF457100	Carbon Resistor	10.0K 1/4 J			01
R305	VV065700	Metal Film Resistor	18K 1/4 F			
R306	VV065700	Metal Film Resistor	18K 1/4 F			
R307	HF457100	Carbon Resistor	10.0K 1/4 J			01
R308	VV065700	Metal Film Resistor	18K 1/4 F			
R309	VV065700	Metal Film Resistor	18K 1/4 F			
R310	HF457100	Carbon Resistor	10.0K 1/4 J			01
R311	VV065700	Metal Film Resistor	18K 1/4 F			
R312	VV065700	Metal Film Resistor	18K 1/4 F			
R313	HF457100	Carbon Resistor	10.0K 1/4 J			01
R314	VV065700	Metal Film Resistor	18K 1/4 F			
R315	VV065700	Metal Film Resistor	18K 1/4 F			
R316	HF457100	Carbon Resistor	10.0K 1/4 J			01
R317	VV065700	Metal Film Resistor	18K 1/4 F			
R318	VV065700	Metal Film Resistor	18K 1/4 F			
R319	HF457100	Carbon Resistor	10.0K 1/4 J			01
R320	VV065700	Metal Film Resistor	18K 1/4 F			
R321	VV065700	Metal Film Resistor	18K 1/4 F			
R322	HF457100	Carbon Resistor	10.0K 1/4 J			01
R323	VV065700	Metal Film Resistor	18K 1/4 F			
R324	VV065700	Metal Film Resistor	18K 1/4 F			
R325	HF457100	Carbon Resistor	10.0K 1/4 J			01
R326	VV065700	Metal Film Resistor	18K 1/4 F			
R327	HF457100	Carbon Resistor	10.0K 1/4 J			01
R328	VV065700	Metal Film Resistor	18K 1/4 F			
R329	HF457100	Carbon Resistor	10.0K 1/4 J			01
R330	VV065700	Metal Film Resistor	18K 1/4 F			
R331	HF457100	Carbon Resistor	10.0K 1/4 J			01
R332	VV065700	Metal Film Resistor	18K 1/4 F			
-338	VV065700	Metal Film Resistor	18K 1/4 F			
R401	HF457100	Carbon Resistor	10.0K 1/4 J			01
R402	VV065700	Metal Film Resistor	18K 1/4 F			

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
R403	VV065700	Metal Film Resistor	18K 1/4 F		
R404	HF457100	Carbon Resistor	10.0K 1/4 J		01
R405	VV065700	Metal Film Resistor	18K 1/4 F		
R406	VV065700	Metal Film Resistor	18K 1/4 F		
R407	HF457100	Carbon Resistor	10.0K 1/4 J		01
R408	VV065700	Metal Film Resistor	18K 1/4 F		
R409	VV065700	Metal Film Resistor	18K 1/4 F		
R410	HF457100	Carbon Resistor	10.0K 1/4 J		01
R411	VV065700	Metal Film Resistor	18K 1/4 F		
R412	VV065700	Metal Film Resistor	18K 1/4 F		
R413	HF457100	Carbon Resistor	10.0K 1/4 J		01
R414	VV065700	Metal Film Resistor	18K 1/4 F		
R415	VV065700	Metal Film Resistor	18K 1/4 F		
R416	HF457100	Carbon Resistor	10.0K 1/4 J		01
R417	VV065700	Metal Film Resistor	18K 1/4 F		
R418	VV065700	Metal Film Resistor	18K 1/4 F		
R419	HF457100	Carbon Resistor	10.0K 1/4 J		01
R420	VV065700	Metal Film Resistor	18K 1/4 F		
R421	VV065700	Metal Film Resistor	18K 1/4 F		
R422	HF457100	Carbon Resistor	10.0K 1/4 J		01
R423	VV065700	Metal Film Resistor	18K 1/4 F		
R424	VV065700	Metal Film Resistor	18K 1/4 F		
R425	HF457100	Carbon Resistor	10.0K 1/4 J		01
R426	VV065700	Metal Film Resistor	18K 1/4 F		
R427	HF457100	Carbon Resistor	10.0K 1/4 J		01
R428	VV065700	Metal Film Resistor	18K 1/4 F		
R429	HF457100	Carbon Resistor	10.0K 1/4 J		01
R430	VV065700	Metal Film Resistor	18K 1/4 F		
R431	HF457100	Carbon Resistor	10.0K 1/4 J		01
R432	VV065700	Metal Film Resistor	18K 1/4 F		
-438	VV065700	Metal Film Resistor	18K 1/4 F		
R501	HF457100	Carbon Resistor	10.0K 1/4 J		01
R502	VV065700	Metal Film Resistor	18K 1/4 F		
R503	VV065700	Metal Film Resistor	18K 1/4 F		
R504	HF457100	Carbon Resistor	10.0K 1/4 J		01
R505	VV065700	Metal Film Resistor	18K 1/4 F		
R506	VV065700	Metal Film Resistor	18K 1/4 F		
R507	HF457100	Carbon Resistor	10.0K 1/4 J		01
R508	VV065700	Metal Film Resistor	18K 1/4 F		
R509	VV065700	Metal Film Resistor	18K 1/4 F		
R510	HF457100	Carbon Resistor	10.0K 1/4 J		01
R511	VV065700	Metal Film Resistor	18K 1/4 F		
R512	VV065700	Metal Film Resistor	18K 1/4 F		
R513	HF457100	Carbon Resistor	10.0K 1/4 J		01
R514	VV065700	Metal Film Resistor	18K 1/4 F		
R515	VV065700	Metal Film Resistor	18K 1/4 F		
R516	HF457100	Carbon Resistor	10.0K 1/4 J		01
R517	VV065700	Metal Film Resistor	18K 1/4 F		
R518	VV065700	Metal Film Resistor	18K 1/4 F		
R519	HF457100	Carbon Resistor	10.0K 1/4 J		01
R520	VV065700	Metal Film Resistor	18K 1/4 F		
R521	VV065700	Metal Film Resistor	18K 1/4 F		
R522	HF457100	Carbon Resistor	10.0K 1/4 J		01
R523	VV065700	Metal Film Resistor	18K 1/4 F		
R524	VV065700	Metal Film Resistor	18K 1/4 F		
R525	HF457100	Carbon Resistor	10.0K 1/4 J		01
R526	VV065700	Metal Film Resistor	18K 1/4 F		
R527	HF457100	Carbon Resistor	10.0K 1/4 J		01
R528	VV065700	Metal Film Resistor	18K 1/4 F		
R529	HF457100	Carbon Resistor	10.0K 1/4 J		01
R530	VV065700	Metal Film Resistor	18K 1/4 F		
R531	HF457100	Carbon Resistor	10.0K 1/4 J		01
R532	VV065700	Metal Film Resistor	18K 1/4 F		
-538	VV065700	Metal Film Resistor	18K 1/4 F		
R601	HF457100	Carbon Resistor	10.0K 1/4 J		01
R602	VV065700	Metal Film Resistor	18K 1/4 F		
R603	VV065700	Metal Film Resistor	18K 1/4 F		
R604	HF457100	Carbon Resistor	10.0K 1/4 J		01
R605	VV065700	Metal Film Resistor	18K 1/4 F		
R606	VV065700	Metal Film Resistor	18K 1/4 F		

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R607	HF457100	Carbon Resistor	10.0K 1/4 J			01
R608	VV065700	Metal Film Resistor	18K 1/4 F			
R609	VV065700	Metal Film Resistor	18K 1/4 F			
R610	HF457100	Carbon Resistor	10.0K 1/4 J			01
R611	VV065700	Metal Film Resistor	18K 1/4 F			
R612	VV065700	Metal Film Resistor	18K 1/4 F			
R613	HF457100	Carbon Resistor	10.0K 1/4 J			01
R614	VV065700	Metal Film Resistor	18K 1/4 F			
R615	VV065700	Metal Film Resistor	18K 1/4 F			
R616	HF457100	Carbon Resistor	10.0K 1/4 J			01
R617	VV065700	Metal Film Resistor	18K 1/4 F			
R618	VV065700	Metal Film Resistor	18K 1/4 F			
R619	HF457100	Carbon Resistor	10.0K 1/4 J			01
R620	VV065700	Metal Film Resistor	18K 1/4 F			
R621	VV065700	Metal Film Resistor	18K 1/4 F			
R622	HF457100	Carbon Resistor	10.0K 1/4 J			01
R623	VV065700	Metal Film Resistor	18K 1/4 F			
R624	VV065700	Metal Film Resistor	18K 1/4 F			
R625	HF457100	Carbon Resistor	10.0K 1/4 J			01
R626	VV065700	Metal Film Resistor	18K 1/4 F			
R627	HF457100	Carbon Resistor	10.0K 1/4 J			01
R628	VV065700	Metal Film Resistor	18K 1/4 F			
R629	HF457100	Carbon Resistor	10.0K 1/4 J			01
R630	VV065700	Metal Film Resistor	18K 1/4 F			
R631	HF457100	Carbon Resistor	10.0K 1/4 J			01
R632	VV065700	Metal Film Resistor	18K 1/4 F			
-638	VV065700	Metal Film Resistor	18K 1/4 F			
R701	HF457100	Carbon Resistor	10.0K 1/4 J			01
R702	VV065700	Metal Film Resistor	18K 1/4 F			
R703	VV065700	Metal Film Resistor	18K 1/4 F			
R704	HF457100	Carbon Resistor	10.0K 1/4 J			01
R705	VV065700	Metal Film Resistor	18K 1/4 F			
R706	VV065700	Metal Film Resistor	18K 1/4 F			
R707	HF457100	Carbon Resistor	10.0K 1/4 J			01
R708	VV065700	Metal Film Resistor	18K 1/4 F			
R709	VV065700	Metal Film Resistor	18K 1/4 F			
R710	HF457100	Carbon Resistor	10.0K 1/4 J			01
R711	VV065700	Metal Film Resistor	18K 1/4 F			
R712	VV065700	Metal Film Resistor	18K 1/4 F			
R713	HF457100	Carbon Resistor	10.0K 1/4 J			01
R714	VV065700	Metal Film Resistor	18K 1/4 F			
R715	VV065700	Metal Film Resistor	18K 1/4 F			
R716	HF457100	Carbon Resistor	10.0K 1/4 J			01
R717	VV065700	Metal Film Resistor	18K 1/4 F			
R718	VV065700	Metal Film Resistor	18K 1/4 F			
R719	HF457100	Carbon Resistor	10.0K 1/4 J			01
R720	VV065700	Metal Film Resistor	18K 1/4 F			
R721	VV065700	Metal Film Resistor	18K 1/4 F			
R722	HF457100	Carbon Resistor	10.0K 1/4 J			01
R723	VV065700	Metal Film Resistor	18K 1/4 F			
R724	VV065700	Metal Film Resistor	18K 1/4 F			
R725	HF457100	Carbon Resistor	10.0K 1/4 J			01
R726	VV065700	Metal Film Resistor	18K 1/4 F			
R727	HF457100	Carbon Resistor	10.0K 1/4 J			01
R728	VV065700	Metal Film Resistor	18K 1/4 F			
R729	HF457100	Carbon Resistor	10.0K 1/4 J			01
R730	VV065700	Metal Film Resistor	18K 1/4 F			
R731	HF457100	Carbon Resistor	10.0K 1/4 J			01
R732	VV065700	Metal Film Resistor	18K 1/4 F			
-738	VV065700	Metal Film Resistor	18K 1/4 F			
R801	HF457100	Carbon Resistor	10.0K 1/4 J			01
R802	VV065700	Metal Film Resistor	18K 1/4 F			
R803	VV065700	Metal Film Resistor	18K 1/4 F			
R804	HF457100	Carbon Resistor	10.0K 1/4 J			01
R805	VV065700	Metal Film Resistor	18K 1/4 F			
R806	VV065700	Metal Film Resistor	18K 1/4 F			
R807	HF457100	Carbon Resistor	10.0K 1/4 J			01
R808	VV065700	Metal Film Resistor	18K 1/4 F			
R809	VV065700	Metal Film Resistor	18K 1/4 F			
R810	HF457100	Carbon Resistor	10.0K 1/4 J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R812	VV065700	Metal Film Resistor	18K 1/4 F			
R813	HF457100	Carbon Resistor	10.0K 1/4 J			01
R814	VV065700	Metal Film Resistor	18K 1/4 F			
R815	VV065700	Metal Film Resistor	18K 1/4 F			
R816	HF457100	Carbon Resistor	10.0K 1/4 J			01
R817	VV065700	Metal Film Resistor	18K 1/4 F			
R818	VV065700	Metal Film Resistor	18K 1/4 F			
R819	HF457100	Carbon Resistor	10.0K 1/4 J			01
R820	VV065700	Metal Film Resistor	18K 1/4 F			
R821	VV065700	Metal Film Resistor	18K 1/4 F			
R822	HF457100	Carbon Resistor	10.0K 1/4 J			01
R823	VV065700	Metal Film Resistor	18K 1/4 F			
R824	VV065700	Metal Film Resistor	18K 1/4 F			
R825	HF457100	Carbon Resistor	10.0K 1/4 J			01
R826	VV065700	Metal Film Resistor	18K 1/4 F			
R827	HF457100	Carbon Resistor	10.0K 1/4 J			01
R828	VV065700	Metal Film Resistor	18K 1/4 F			
R829	HF457100	Carbon Resistor	10.0K 1/4 J			01
R830	VV065700	Metal Film Resistor	18K 1/4 F			
R831	HF457100	Carbon Resistor	10.0K 1/4 J			01
R832	VV065700	Metal Film Resistor	18K 1/4 F			
-838	VV065700	Metal Film Resistor	18K 1/4 F			
SW101	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-119	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW201	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-219	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW301	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-319	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW401	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-419	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW501	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-519	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW601	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-619	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW701	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-719	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW801	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-819	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
VR101	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-113	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR114	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR115	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR116	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR117	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR201	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-213	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR214	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR215	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR216	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR217	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR301	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-313	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR314	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR315	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR316	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR317	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR401	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-413	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR414	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR415	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR416	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR417	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR501	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-513	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR514	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR515	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR516	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR517	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR601	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12,M13/M14,		01
-613	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
VR614	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR615	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR616	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR617	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR701	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12, M13/M14,		01
-713	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR714	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR715	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR716	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR717	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
VR801	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12, M13/M14,		01
-813	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M15/M16(MIX)		01
VR814	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M15/M16(PAN)		03
VR815	VZ660000	Rotary Variable Resistor	B 20K RK09D113	PAN		01
VR816	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	M13/M14		03
VR817	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	PAN		03
	NX819690	Circuit Board	MASINS	(XU211B0)		
	VV291400	Jumper Wire	0.6			01
CN301	VV068100	Connector Base Post	M2426XXR 7P SE			01
CN302	VV068000	Connector Base Post	M2426XXR 6P SE			01
CN303	VV068100	Connector Base Post	M2426XXR 7P SE			01
CN304	VV068000	Connector Base Post	M2426XXR 6P SE			01
JK101	VZ661000	Phone Jack	JY-6313	MIX INSERT I/O		02
-108	VZ661000	Phone Jack	JY-6313			02
K101	--	Holder, Phone Jack		(VZ70940)		
-104	--	Holder, Phone Jack		(VZ70940)		
	V4769000	Circuit Board	MASTER	(XW962B0)		
	V4467500	Push Button	CD-GRAY/WHITE	TO MATRIX(MIX1/2-7/8),	17	01
	V4467800	Push Button	MX-BLUE/WHITE	1/2 2TR IN ON, MASTER PFL,		
	V4468000	Push Button	RED/WHITE	L+R OSC ON, 100Hz, 1kHz,	8	01
	V4469300	Push Button	CD-GRAY/WHITE	10kHz, PINK, M1-2, M3-4,		
	V4469400	Push Button	CL-GRAY/RED	M5-6, M7-8	16	01
	VV307300	LED Spacer		TO MATRIX(MIX9/10-15/16)		
	VZ968500	Button	NO.947 CD-GRAY	M9-12, M13-16	3	01
	VZ968600	Button	NO.947 CD-GRAY	TO STEREO(MIX1/2-15/16)		
C101	VZ353500	Ceramic Capacitor-SL	100P 50V J	TO MATRIX(STEREO A)		01
C102	VZ353500	Ceramic Capacitor-SL	100P 50V J	OCS TO ST		01
C103	VV062800	Mylar Capacitor	0.1 50V J	ON/EDIT(MIX1/2-15/16)		01
C104	VV062800	Mylar Capacitor	0.1 50V J	STEREO B(AFL, ON)		01
C105	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z	MONITOR ON, TALKBACK ON		01
C106	UJ847100	Electrolytic Cap.	10.00 25.0V	AFL(MIX1/2-15/16,		01
C107	VZ353500	Ceramic Capacitor-SL	100P 50V J	STEREO A, STEREO B)		01
C108	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C109	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C110	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C111	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C112	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C113	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-115	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C131	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C132	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C133	VV062800	Mylar Capacitor	0.1 50V J			01
C134	VV062800	Mylar Capacitor	0.1 50V J			01
C135	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C136	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C137	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C138	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C139	VZ353400	Ceramic Capacitor-SL	68P 50V J			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C140	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C141	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C142	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C143	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-145	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C161	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C162	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C163	VV062800	Mylar Capacitor	0.1 50V J			01
C164	VV062800	Mylar Capacitor	0.1 50V J			01
C165	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C166	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C167	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C168	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C169	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C170	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C171	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-173	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C174	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C175	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C201	VV062800	Mylar Capacitor	0.1 50V J			01
C202	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C206	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C207	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C208	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C209	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C210	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C231	VV062800	Mylar Capacitor	0.1 50V J			01
C232	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C236	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C237	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C238	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C239	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C240	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C266	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C267	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C268	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C269	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C270	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C301	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C302	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C303	VV062800	Mylar Capacitor	0.1 50V J			01
C304	VV062800	Mylar Capacitor	0.1 50V J			01
C305	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C306	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C307	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C308	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C309	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C310	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C311	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C312	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C313	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-315	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C331	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C332	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C333	VV062800	Mylar Capacitor	0.1 50V J			01
C334	VV062800	Mylar Capacitor	0.1 50V J			01
C335	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C336	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C337	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C338	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C339	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C340	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C341	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C342	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C343	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-345	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C361	VZ353600	Ceramic Cap.-B	220P 50V K			01
C362	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C363	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C364	UJ838100	Electrolytic Cap.	100.00 16.0V			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C365	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C366	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C367	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C368	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
.371	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C372	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C373	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
.376	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C377	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C378	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C379	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C380	VZ353900	Ceramic Cap.-B	1000P 50V K			01
.382	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C401	VV062800	Mylar Capacitor	0.1 50V J			01
C406	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C407	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C408	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C409	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C410	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C431	VV062800	Mylar Capacitor	0.1 50V J			01
C436	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C437	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C438	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C439	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C440	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C461	VZ353600	Ceramic Cap.-B	220P 50V K			01
C462	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C463	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C464	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C465	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C466	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C467	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C468	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C469	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C501	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C502	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C503	VV062800	Mylar Capacitor	0.1 50V J			01
C504	VV062800	Mylar Capacitor	0.1 50V J			01
C505	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C506	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C507	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C508	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C509	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C510	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C511	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C512	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C513	VZ353900	Ceramic Cap.-B	1000P 50V K			01
.515	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C531	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C532	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C533	VV062800	Mylar Capacitor	0.1 50V J			01
C534	VV062800	Mylar Capacitor	0.1 50V J			01
C535	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C536	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C537	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C538	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C539	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C540	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C541	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C542	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C543	VZ353900	Ceramic Cap.-B	1000P 50V K			01
.545	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C561	VZ353600	Ceramic Cap.-B	220P 50V K			01
C562	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C563	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C564	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C565	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C566	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C567	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C568	UJ847470	Electrolytic Cap.	47.00 25.0V			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C569	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C570	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C571	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C601	VV062800	Mylar Capacitor	0.1 50V J			01
C602	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C606	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C607	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C608	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C609	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C610	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C636	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C637	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C638	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C639	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C640	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C661	VZ353600	Ceramic Cap.-B	220P 50V K			01
C662	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C663	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C664	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C665	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C666	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C667	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C668	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C701	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C702	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C703	VV062800	Mylar Capacitor	0.1 50V J			01
C704	VV062800	Mylar Capacitor	0.1 50V J			01
C705	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C706	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C707	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C708	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C709	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C710	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C711	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C712	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C713	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-715	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C731	VV062800	Mylar Capacitor	0.1 50V J			01
C732	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C736	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C737	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C738	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C739	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C740	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C741	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C742	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C743	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-745	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C761	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C762	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C763	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C801	VV062800	Mylar Capacitor	0.1 50V J			01
C806	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C807	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C808	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C809	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C810	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C836	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C837	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C838	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C839	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C840	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C861	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C901	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C902	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C903	UJ828100	Electrolytic Cap.	100.00 10.0V			01
C904	VZ353700	Ceramic Cap.-B	330P 50V K			01
C905	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C906	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C907	UJ847100	Electrolytic Cap.	10.00 25.0V			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C908	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C909	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C910	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C911	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C912	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C914	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C915	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C916	VZ353800	Ceramic Cap.-B	470P 50V K			01
C951	UJ828100	Electrolytic Cap.	100.00 10.0V			01
-954	UJ838100	Electrolytic Cap.	100.00 16.0V			01
CN111	VK217500	Receptacle	FJ 12P			02
-113	VK217500	Recaptacle	FJ 12P			02
CN121	VV066700	Connector Base Post	M2426XX 7P TE			01
CN122	VV067000	Connector Base Post	M2426XX 10P TE			01
CN123	VV067100	Connector Base Post	M2426XX 11P TE			01
CN131	VK217500	Receptacle	FJ 12P			02
CN221	VV066400	Connector Base Post	M2426XX 4P TE			01
CN222	VV066300	Connector Base Post	M2426XX 3P TE			01
CN223	VV067200	Connector Base Post	M2426XX 12P TE			01
CN227	VV067000	Connector Base Post	M2426XX 10P TE			01
CN301	VV066600	Connector Base Post	M2426XX 6P TE			01
-304	VV066600	Connector Base Post	M2426XX 6P TE			01
CN312	VV066300	Connector Base Post	M2426XX 3P TE			01
CN314	VV066800	Connector Base Post	M2426XX 8P TE			01
CN321	VV066800	Connector Base Post	M2426XX 8P TE			01
-324	VV066800	Connector Base Post	M2426XX 8P TE			01
CN325	VV066900	Connector Base Post	M2426XX 9P TE			01
CN326	VV066600	Connector Base Post	M2426XX 6P TE			01
CN333	VV066400	Connector Base Post	M2426XX 4P TE			01
CN901	V3153000	Connector Assembly	2426&1018 2P 60L			02
CN902	VV066200	Connector Base Post	M2426XX 2P TE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D131	VD631600	Diode	1SS133,176,HSS104			01
D161	VD631600	Diode	1SS133,176,HSS104			01
D162	VD631600	Diode	1SS133,176,HSS104			01
D201	VD631600	Diode	1SS133,176,HSS104			01
D231	VD631600	Diode	1SS133,176,HSS104			01
D301	VD631600	Diode	1SS133,176,HSS104			01
D331	VD631600	Diode	1SS133,176,HSS104			01
D401	VD631600	Diode	1SS133,176,HSS104			01
D431	VD631600	Diode	1SS133,176,HSS104			01
D501	VD631600	Diode	1SS133,176,HSS104			01
D531	VD631600	Diode	1SS133,176,HSS104			01
D532	VD631600	Diode	1SS133,176,HSS104			01
D601	VD631600	Diode	1SS133,176,HSS104			01
D701	VD631600	Diode	1SS133,176,HSS104			01
D731	VD631600	Diode	1SS133,176,HSS104			01
D732	VD631600	Diode	1SS133,176,HSS104			01
D761	VD631600	Diode	1SS133,176,HSS104			01
-766	VD631600	Diode	1SS133,176,HSS104			01
D801	VD631600	Diode	1SS133,176,HSS104			01
EM951	VV056900	Noise Filter	ZJSR5101-223TA			01
IC101	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC102	XF195A00	IC	NJM4580L	OP AMP		04
IC131	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC132	XF195A00	IC	NJM4580L	OP AMP		04
IC161	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC162	XM356A00	IC	NJM2068L-D	OP AMP		02
IC201	IR000200	IC	TC74HC02AP	NOR		03
IC231	IR000200	IC	TC74HC02AP	NOR		03
IC301	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC302	XF195A00	IC	NJM4580L	OP AMP		04
IC331	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC332	XF195A00	IC	NJM4580L	OP AMP		04
IC361	XM356A00	IC	NJM2068L-D	OP AMP		02
-363	XM356A00	IC	NJM2068L-D	OP AMP		02
IC461	XM356A00	IC	NJM2068L-D	OP AMP		02
IC501	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC502	XF195A00	IC	NJM4580L	OP AMP		04
IC531	XP451A00	IC	PM25 LZ95300	INTERFACE		04

* New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
IC532	XF195A00	IC	NJM4580L	OP AMP		04
IC561	XM356A00	IC	NJM2068L-D	OP AMP		02
IC601	IR000200	IC	TC74HC02AP	NOR		03
IC701	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC702	XF195A00	IC	NJM4580L	OP AMP		04
IC731	IR000200	IC	TC74HC02AP	NOR		03
IC732	XF195A00	IC	NJM4580L	OP AMP		04
IC901	XM356A00	IC	NJM2068L-D	OP AMP		02
JK901	VS763000	XLM Connector	NC3FAHR1-0	MIC		03
LD101	VV938100	LED	Yellow	LT331-41-C13 YE		01
LD102	VV621000	LED	Green	LT321-41-C13 GR		01
LD103	VV938100	LED	Yellow	LT331-41-C13 YE		01
LD131	VV938100	LED	Yellow	LT331-41-C13 YE		01
LD132	VV621000	LED	Green	LT321-41-C13 GR		01
LD133	VV938100	LED	Yellow	LT331-41-C13 YE		01
LD161	VV938100	LED	Yellow	LT331-41-C13 YE	STEREO A(ON/EDIT:ON)	01
LD162	VV621000	LED	Green	LT321-41-C13 GR	STEREO A(ON/EDIT:CHECK)	01
LD163	VV938100	LED	Yellow	LT331-41-C13 YE	STEREO B(ON)	01
LD164	VV938100	LED	Yellow	LT331-41-C13 YE	STEREO A(AFL)	01
LD165	VV938100	LED	Yellow	LT331-41-C13 YE	STEREO B(AFL)	01
LD201	VV938100	LED	Yellow	LT331-41-C13 YE	MIX2(ON/EDIT:ON)	01
LD202	VV621000	LED	Green	LT321-41-C13 GR	MIX2(ON/EDIT:CHECK)	01
LD203	VV938100	LED	Yellow	LT331-41-C13 YE	MIX2(AFL)	01
LD231	VV938100	LED	Yellow	LT331-41-C13 YE	MIX10(ON/EDIT:ON)	01
LD232	VV621000	LED	Green	LT321-41-C13 GR	MIX10(ON/EDIT:CHECK)	01
LD233	VV938100	LED	Yellow	LT331-41-C13 YE	MIX10(AFL)	01
LD301	VV938100	LED	Yellow	LT331-41-C13 YE	MIX3(ON/EDIT:ON)	01
LD302	VV621000	LED	Green	LT321-41-C13 GR	MIX3(ON/EDIT:CHECK)	01
LD303	VV938100	LED	Yellow	LT331-41-C13 YE	MIX3(AFL)	01
LD331	VV938100	LED	Yellow	LT331-41-C13 YE	MIX11(ON/EDIT:ON)	01
LD332	VV621000	LED	Green	LT321-41-C13 GR	MIX11(ON/EDIT:CHECK)	01
LD333	VV938100	LED	Yellow	LT331-41-C13 YE	MIX11(AFL)	01
LD401	VV938100	LED	Yellow	LT331-41-C13 YE	MIX4(ON/EDIT:ON)	01
LD402	VV621000	LED	Green	LT321-41-C13 GR	MIX4(ON/EDIT:CHECK)	01
LD403	VV938100	LED	Yellow	LT331-41-C13 YE	MIX4(AFL)	01
LD431	VV938100	LED	Yellow	LT331-41-C13 YE	MIX12(ON/EDIT:ON)	01
LD432	VV621000	LED	Green	LT321-41-C13 GR	MIX12(ON/EDIT:CHECK)	01
LD433	VV938100	LED	Yellow	LT331-41-C13 YE	MIX12(AFL)	01
LD501	VV938100	LED	Yellow	LT331-41-C13 YE	MIX5(ON/EDIT:ON)	01
LD502	VV621000	LED	Green	LT321-41-C13 GR	MIX5(ON/EDIT:CHECK)	01
LD503	VV938100	LED	Yellow	LT331-41-C13 YE	MIX5(AFL)	01
LD531	VV938100	LED	Yellow	LT331-41-C13 YE	MIX13/14(ON/EDIT:ON)	01
LD532	VV621000	LED	Green	LT321-41-C13 GR	MIX13/14(ON/EDIT:CHECK)	01
LD533	VV938100	LED	Yellow	LT331-41-C13 YE	MIX13/14(AFL)	01
LD561	VV938100	LED	Yellow	LT331-41-C13 YE	MONITOR ON	01
LD601	VV938100	LED	Yellow	LT331-41-C13 YE	MIX6(ON/EDIT:ON)	01
LD602	VV621000	LED	Green	LT321-41-C13 GR	MIX6(ON/EDIT:CHECK)	01
LD603	VV938100	LED	Yellow	LT331-41-C13 YE	MIX6(AFL)	01
LD701	VV938100	LED	Yellow	LT331-41-C13 YE	MIX7(ON/EDIT:ON)	01
LD702	VV621000	LED	Green	LT321-41-C13 GR	MIX7(ON/EDIT:CHECK)	01
LD703	VV938100	LED	Yellow	LT331-41-C13 YE	MIX7(AFL)	01
LD731	VV938100	LED	Yellow	LT331-41-C13 YE	MIX14/15(ON/EDIT:ON)	01
LD732	VV621000	LED	Green	LT321-41-C13 GR	MIX14/15(ON/EDIT:CHECK)	01
LD733	VV938100	LED	Yellow	LT331-41-C13 YE	MIX14/15(AFL)	01
LD761	VV938100	LED	Yellow	LT331-41-C13 YE	MONITOR(MASTER)	01
LD762	VV621000	LED	Green	LT321-41-C13 GR	MONITOR(INPUT)	01
LD801	VV938100	LED	Yellow	LT331-41-C13 YE	MIX8(ON/EDIT:ON)	01
LD802	VV621000	LED	Green	LT321-41-C13 GR	MIX8(ON/EDIT:CHECK)	01
LD803	VV938100	LED	Yellow	LT331-41-C13 YE	MIX8(AFL)	01
LD861	VV620800	LED	Red	LT311G-41-C13 RE	TALKBACK:100Hz,1kHz.	01
-864	VV620800	LED	Red	LT311G-41-C13 RE	10kHz, PINK	01
LD901	VV938100	LED	Yellow	LT331-41-C13 YE	TALKBACJ(ON)	01
Q101	IC1815M0	Transistor	2SC1815 Y,GR			01
Q102	IC1815M0	Transistor	2SC1815 Y,GR			01
Q103	IA101590	Transistor	2SA1015 O,Y			01
Q104	IC1815M0	Transistor	2SC1815 Y,GR			01
Q105	IC1815M0	Transistor	2SC1815 Y,GR			01
Q131	IC1815M0	Transistor	2SC1815 Y,GR			01
Q132	IC1815M0	Transistor	2SC1815 Y,GR			01
Q133	IA101590	Transistor	2SA1015 O,Y			01

* New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
Q134	IC1815M0	Transistor	2SC1815 Y,GR			01
Q135	IC1815M0	Transistor	2SC1815 Y,GR			01
Q161	IC1815M0	Transistor	2SC1815 Y,GR			01
Q162	IC1815M0	Transistor	2SC1815 Y,GR			01
Q163	IA101590	Transistor	2SA1015 O,Y			01
Q164	IA101590	Transistor	2SA1015 O,Y			01
Q165	IC1815M0	Transistor	2SC1815 Y,GR			01
Q201	IC1815M0	Transistor	2SC1815 Y,GR			01
Q202	IC1815M0	Transistor	2SC1815 Y,GR			01
Q203	IA101590	Transistor	2SA1015 O,Y			01
Q231	IC1815M0	Transistor	2SC1815 Y,GR			01
Q232	IC1815M0	Transistor	2SC1815 Y,GR			01
Q233	IA101590	Transistor	2SA1015 O,Y			01
Q301	IC1815M0	Transistor	2SC1815 Y,GR			01
Q302	IC1815M0	Transistor	2SC1815 Y,GR			01
Q303	IA101590	Transistor	2SA1015 O,Y			01
Q304	IC1815M0	Transistor	2SC1815 Y,GR			01
Q331	IC1815M0	Transistor	2SC1815 Y,GR			01
Q332	IC1815M0	Transistor	2SC1815 Y,GR			01
Q333	IA101590	Transistor	2SA1015 O,Y			01
Q334	IC1815M0	Transistor	2SC1815 Y,GR			01
Q401	IC1815M0	Transistor	2SC1815 Y,GR			01
Q402	IC1815M0	Transistor	2SC1815 Y,GR			01
Q403	IA101590	Transistor	2SA1015 O,Y			01
Q431	IC1815M0	Transistor	2SC1815 Y,GR			01
Q432	IC1815M0	Transistor	2SC1815 Y,GR			01
Q433	IA101590	Transistor	2SA1015 O,Y			01
Q501	IC1815M0	Transistor	2SC1815 Y,GR			01
Q502	IC1815M0	Transistor	2SC1815 Y,GR			01
Q503	IA101590	Transistor	2SA1015 O,Y			01
Q504	IC1815M0	Transistor	2SC1815 Y,GR			01
Q505	IC1815M0	Transistor	2SC1815 Y,GR			01
Q531	IC1815M0	Transistor	2SC1815 Y,GR			01
Q532	IC1815M0	Transistor	2SC1815 Y,GR			01
Q533	IA101590	Transistor	2SA1015 O,Y			01
Q534	IA101590	Transistor	2SA1015 O,Y			01
Q535	IC1815M0	Transistor	2SC1815 Y,GR			01
Q601	IC1815M0	Transistor	2SC1815 Y,GR			01
Q602	IC1815M0	Transistor	2SC1815 Y,GR			01
Q603	IA101590	Transistor	2SA1015 O,Y			01
Q701	IC1815M0	Transistor	2SC1815 Y,GR			01
Q702	IC1815M0	Transistor	2SC1815 Y,GR			01
Q703	IA101590	Transistor	2SA1015 O,Y			01
Q704	IC1815M0	Transistor	2SC1815 Y,GR			01
Q731	IC1815M0	Transistor	2SC1815 Y,GR			01
Q732	IC1815M0	Transistor	2SC1815 Y,GR			01
Q733	IA101590	Transistor	2SA1015 O,Y			01
Q734	IA101590	Transistor	2SA1015 O,Y			01
Q761	IC1815M0	Transistor	2SC1815 Y,GR			01
Q762	IA101590	Transistor	2SA1015 O,Y			01
Q763	IA101590	Transistor	2SA1015 O,Y			01
Q764	IA101590	Transistor	2SA1015 O,Y			01
Q765	IA101590	Transistor	2SA1015 O,Y			01
Q766	IC1815M0	Transistor	2SC1815 Y,GR			01
Q767	IA101590	Transistor	2SA1015 O,Y			01
Q768	IA101590	Transistor	2SA1015 O,Y			01
Q769	IC1815M0	Transistor	2SC1815 Y,GR			01
Q801	IC1815M0	Transistor	2SC1815 Y,GR			01
Q802	IC1815M0	Transistor	2SC1815 Y,GR			01
Q803	IA101590	Transistor	2SA1015 O,Y			01
Q861	IA101590	Transistor	2SA1015 O,Y			01
-864	IA101590	Transistor	2SA1015 O,Y			01
R101	HF457100	Carbon Resistor	10.0K 1/4 J			01
R102	HF457100	Carbon Resistor	10.0K 1/4 J			01
R103	HF458100	Carbon Resistor	100.0K 1/4 J			01
R104	HF455220	Carbon Resistor	220.0 1/4 J			01
R105	HF457470	Carbon Resistor	47.0K 1/4 J			01
R106	HF455220	Carbon Resistor	220.0 1/4 J			01
R107	HF457100	Carbon Resistor	10.0K 1/4 J			01
R108	HF456430	Carbon Resistor	4.3K 1/4 J			01

* New Parts

RANK: Japan only

M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R109	HF454100	Carbon Resistor	10.0 1/4 J			01
R110	HF458100	Carbon Resistor	100.0K 1/4 J			01
R111	VV065700	Metal Film Resistor	18K 1/4 F			
-114	VV065700	Metal Film Resistor	18K 1/4 F			
R115	HF455100	Carbon Resistor	100.0 1/4 J			01
R116	VV065700	Metal Film Resistor	18K 1/4 F			
R117	VV065700	Metal Film Resistor	18K 1/4 F			
R118	HF457470	Carbon Resistor	47.0K 1/4 J			01
R119	HF457470	Carbon Resistor	47.0K 1/4 J			01
R120	HF455100	Carbon Resistor	100.0 1/4 J			01
R121	HF456150	Carbon Resistor	1.5K 1/4 J			01
R122	HF457120	Carbon Resistor	12.0K 1/4 J			01
R131	HF457100	Carbon Resistor	10.0K 1/4 J			01
R132	HF457100	Carbon Resistor	10.0K 1/4 J			01
R133	HF458100	Carbon Resistor	100.0K 1/4 J			01
R134	HF455220	Carbon Resistor	220.0 1/4 J			01
R135	HF457470	Carbon Resistor	47.0K 1/4 J			01
R136	HF455220	Carbon Resistor	220.0 1/4 J			01
R137	HF457100	Carbon Resistor	10.0K 1/4 J			01
R138	HF456430	Carbon Resistor	4.3K 1/4 J			01
R139	HF454100	Carbon Resistor	10.0 1/4 J			01
R140	HF458100	Carbon Resistor	100.0K 1/4 J			01
R141	VV065700	Metal Film Resistor	18K 1/4 F			
-144	VV065700	Metal Film Resistor	18K 1/4 F			
R145	HF455100	Carbon Resistor	100.0 1/4 J			01
R146	VV065700	Metal Film Resistor	18K 1/4 F			
R147	VV065700	Metal Film Resistor	18K 1/4 F			
R148	HF457470	Carbon Resistor	47.0K 1/4 J			01
R149	HF457470	Carbon Resistor	47.0K 1/4 J			01
R150	HF455100	Carbon Resistor	100.0 1/4 J			01
R151	HF456150	Carbon Resistor	1.5K 1/4 J			01
R152	HF457120	Carbon Resistor	12.0K 1/4 J			01
R161	HF457100	Carbon Resistor	10.0K 1/4 J			01
R162	HF457100	Carbon Resistor	10.0K 1/4 J			01
R163	HF458100	Carbon Resistor	100.0K 1/4 J			01
R166	HF455220	Carbon Resistor	220.0 1/4 J			01
R167	HF457180	Carbon Resistor	18.0K 1/4 J			01
R168	HF455220	Carbon Resistor	220.0 1/4 J			01
R169	HF457100	Carbon Resistor	10.0K 1/4 J			01
R170	HF457100	Carbon Resistor	10.0K 1/4 J			01
R171	HF454100	Carbon Resistor	10.0 1/4 J			01
R172	HF458100	Carbon Resistor	100.0K 1/4 J			01
R173	VV065700	Metal Film Resistor	18K 1/4 F			
-175	VV065700	Metal Film Resistor	18K 1/4 F			
R176	HF455100	Carbon Resistor	100.0 1/4 J			01
R177	HF457470	Carbon Resistor	47.0K 1/4 J			01
-179	HF457470	Carbon Resistor	47.0K 1/4 J			01
R180	HF455100	Carbon Resistor	100.0 1/4 J			01
R181	HF456150	Carbon Resistor	1.5K 1/4 J			01
R182	HF457120	Carbon Resistor	12.0K 1/4 J			01
R183	HF455100	Carbon Resistor	100.0 1/4 J			01
R184	HF456150	Carbon Resistor	1.5K 1/4 J			01
R185	HF457120	Carbon Resistor	12.0K 1/4 J			01
R186	HF455100	Carbon Resistor	100.0 1/4 J			01
R187	HF456150	Carbon Resistor	1.5K 1/4 J			01
R188	HF457120	Carbon Resistor	12.0K 1/4 J			01
R189	HF456180	Carbon Resistor	1.8K 1/4 J			01
R190	HF456180	Carbon Resistor	1.8K 1/4 J			01
R201	HF457100	Carbon Resistor	10.0K 1/4 J			01
R202	HF457100	Carbon Resistor	10.0K 1/4 J			01
R203	HF458100	Carbon Resistor	100.0K 1/4 J			01
R204	HF455220	Carbon Resistor	220.0 1/4 J			01
R205	HF457470	Carbon Resistor	47.0K 1/4 J			01
R206	HF455220	Carbon Resistor	220.0 1/4 J			01
R207	HF457100	Carbon Resistor	10.0K 1/4 J			01
R208	HF456430	Carbon Resistor	4.3K 1/4 J			01
R209	HF454100	Carbon Resistor	10.0 1/4 J			01
R210	HF458100	Carbon Resistor	100.0K 1/4 J			01
R211	VV065700	Metal Film Resistor	18K 1/4 F			
-214	VV065700	Metal Film Resistor	18K 1/4 F			

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R215	HF455100	Carbon Resistor	100.0 1/4 J			01
R216	VV065700	Metal Film Resistor	18K 1/4 F			
R217	VV065700	Metal Film Resistor	18K 1/4 F			
R218	HF457470	Carbon Resistor	47.0K 1/4 J			01
R219	HF457470	Carbon Resistor	47.0K 1/4 J			01
R231	HF457100	Carbon Resistor	10.0K 1/4 J			01
R232	HF457100	Carbon Resistor	10.0K 1/4 J			01
R233	HF458100	Carbon Resistor	100.0K 1/4 J			01
R234	HF455220	Carbon Resistor	220.0 1/4 J			01
R235	HF457470	Carbon Resistor	47.0K 1/4 J			01
R236	HF455220	Carbon Resistor	220.0 1/4 J			01
R237	HF457100	Carbon Resistor	10.0K 1/4 J			01
R238	HF456430	Carbon Resistor	4.3K 1/4 J			01
R239	HF454100	Carbon Resistor	10.0 1/4 J			01
R240	HF458100	Carbon Resistor	100.0K 1/4 J			01
R241	VV065700	Metal Film Resistor	18K 1/4 F			
.244	VV065700	Metal Film Resistor	18K 1/4 F			
R245	HF455100	Carbon Resistor	100.0 1/4 J			01
R246	VV065700	Metal Film Resistor	18K 1/4 F			
R247	VV065700	Metal Film Resistor	18K 1/4 F			
R248	HF457470	Carbon Resistor	47.0K 1/4 J			01
R249	HF457470	Carbon Resistor	47.0K 1/4 J			01
R266	HF455220	Carbon Resistor	220.0 1/4 J			01
R267	HF457180	Carbon Resistor	18.0K 1/4 J			01
R268	HF455220	Carbon Resistor	220.0 1/4 J			01
R269	HF457100	Carbon Resistor	10.0K 1/4 J			01
R270	HF457100	Carbon Resistor	10.0K 1/4 J			01
R271	HF454100	Carbon Resistor	10.0 1/4 J			01
R272	HF458100	Carbon Resistor	100.0K 1/4 J			01
R273	VV065700	Metal Film Resistor	18K 1/4 F			
.275	VV065700	Metal Film Resistor	18K 1/4 F			
R276	HF455100	Carbon Resistor	100.0 1/4 J			01
R301	HF457100	Carbon Resistor	10.0K 1/4 J			01
R302	HF457100	Carbon Resistor	10.0K 1/4 J			01
R303	HF458100	Carbon Resistor	100.0K 1/4 J			01
R304	HF455220	Carbon Resistor	220.0 1/4 J			01
R305	HF457470	Carbon Resistor	47.0K 1/4 J			01
R306	HF455220	Carbon Resistor	220.0 1/4 J			01
R307	HF457100	Carbon Resistor	10.0K 1/4 J			01
R308	HF456430	Carbon Resistor	4.3K 1/4 J			01
R309	HF454100	Carbon Resistor	10.0 1/4 J			01
R310	HF458100	Carbon Resistor	100.0K 1/4 J			01
R311	VV065700	Metal Film Resistor	18K 1/4 F			
.314	VV065700	Metal Film Resistor	18K 1/4 F			
R315	HF455100	Carbon Resistor	100.0 1/4 J			01
R316	VV065700	Metal Film Resistor	18K 1/4 F			
R317	VV065700	Metal Film Resistor	18K 1/4 F			
R318	HF457470	Carbon Resistor	47.0K 1/4 J			01
R319	HF457470	Carbon Resistor	47.0K 1/4 J			01
R320	HF455100	Carbon Resistor	100.0 1/4 J			01
R321	HF456150	Carbon Resistor	1.5K 1/4 J			01
R322	HF457120	Carbon Resistor	12.0K 1/4 J			01
R331	HF457100	Carbon Resistor	10.0K 1/4 J			01
R332	HF457100	Carbon Resistor	10.0K 1/4 J			01
R333	HF458100	Carbon Resistor	100.0K 1/4 J			01
R334	HF455220	Carbon Resistor	220.0 1/4 J			01
R335	HF457470	Carbon Resistor	47.0K 1/4 J			01
R336	HF455220	Carbon Resistor	220.0 1/4 J			01
R337	HF457100	Carbon Resistor	10.0K 1/4 J			01
R338	HF456430	Carbon Resistor	4.3K 1/4 J			01
R339	HF454100	Carbon Resistor	10.0 1/4 J			01
R340	HF458100	Carbon Resistor	100.0K 1/4 J			01
R341	VV065700	Metal Film Resistor	18K 1/4 F			
.344	VV065700	Metal Film Resistor	18K 1/4 F			
R345	HF455100	Carbon Resistor	100.0 1/4 J			01
R346	VV065700	Metal Film Resistor	18K 1/4 F			
R347	VV065700	Metal Film Resistor	18K 1/4 F			
R348	HF457470	Carbon Resistor	47.0K 1/4 J			01
R349	HF457470	Carbon Resistor	47.0K 1/4 J			01
R350	HF455100	Carbon Resistor	100.0 1/4 J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
R351	HF456150	Carbon Resistor	1.5K 1/4 J		01
R352	HF457120	Carbon Resistor	12.0K 1/4 J		01
R361	HF457180	Carbon Resistor	18.0K 1/4 J		01
R362	HF454100	Carbon Resistor	10.0 1/4 J		01
R363	HF458100	Carbon Resistor	100.0K 1/4 J		01
-365	HF458100	Carbon Resistor	100.0K 1/4 J		01
R366	HF457100	Carbon Resistor	10.0K 1/4 J		01
-368	HF457100	Carbon Resistor	10.0K 1/4 J		01
R369	HF454100	Carbon Resistor	10.0 1/4 J		01
R370	HF458100	Carbon Resistor	100.0K 1/4 J		01
R371	HF457150	Carbon Resistor	15.0K 1/4 J		01
R372	HF457150	Carbon Resistor	15.0K 1/4 J		01
R373	HF457100	Carbon Resistor	10.0K 1/4 J		01
R374	HF457150	Carbon Resistor	15.0K 1/4 J		01
R375	HF457150	Carbon Resistor	15.0K 1/4 J		01
R376	HF454100	Carbon Resistor	10.0 1/4 J		01
R377	HF458100	Carbon Resistor	100.0K 1/4 J		01
R401	HF457100	Carbon Resistor	10.0K 1/4 J		01
R402	HF457100	Carbon Resistor	10.0K 1/4 J		01
R403	HF458100	Carbon Resistor	100.0K 1/4 J		01
R404	HF455220	Carbon Resistor	220.0 1/4 J		01
R405	HF457470	Carbon Resistor	47.0K 1/4 J		01
R406	HF455220	Carbon Resistor	220.0 1/4 J		01
R407	HF457100	Carbon Resistor	10.0K 1/4 J		01
R408	HF456430	Carbon Resistor	4.3K 1/4 J		01
R409	HF454100	Carbon Resistor	10.0 1/4 J		01
R410	HF458100	Carbon Resistor	100.0K 1/4 J		01
R411	VV065700	Metal Film Resistor	18K 1/4 F		01
-414	VV065700	Metal Film Resistor	18K 1/4 F		01
R415	HF455100	Carbon Resistor	100.0 1/4 J		01
R416	VV065700	Metal Film Resistor	18K 1/4 F		01
R417	VV065700	Metal Film Resistor	18K 1/4 F		01
R418	HF457470	Carbon Resistor	47.0K 1/4 J		01
R419	HF457470	Carbon Resistor	47.0K 1/4 J		01
R431	HF457100	Carbon Resistor	10.0K 1/4 J		01
R432	HF457100	Carbon Resistor	10.0K 1/4 J		01
R433	HF458100	Carbon Resistor	100.0K 1/4 J		01
R434	HF455220	Carbon Resistor	220.0 1/4 J		01
R435	HF457470	Carbon Resistor	47.0K 1/4 J		01
R436	HF455220	Carbon Resistor	220.0 1/4 J		01
R437	HF457100	Carbon Resistor	10.0K 1/4 J		01
R438	HF456430	Carbon Resistor	4.3K 1/4 J		01
R439	HF454100	Carbon Resistor	10.0 1/4 J		01
R440	HF458100	Carbon Resistor	100.0K 1/4 J		01
R441	VV065700	Metal Film Resistor	18K 1/4 F		01
-444	VV065700	Metal Film Resistor	18K 1/4 F		01
R445	HF455100	Carbon Resistor	100.0 1/4 J		01
R446	VV065700	Metal Film Resistor	18K 1/4 F		01
R447	VV065700	Metal Film Resistor	18K 1/4 F		01
R448	HF457470	Carbon Resistor	47.0K 1/4 J		01
R449	HF457470	Carbon Resistor	47.0K 1/4 J		01
R461	HF457180	Carbon Resistor	18.0K 1/4 J		01
R462	HF454100	Carbon Resistor	10.0 1/4 J		01
R463	HF458100	Carbon Resistor	100.0K 1/4 J		01
-465	HF458100	Carbon Resistor	100.0K 1/4 J		01
R466	HF457100	Carbon Resistor	10.0K 1/4 J		01
-468	HF457100	Carbon Resistor	10.0K 1/4 J		01
R469	HF454100	Carbon Resistor	10.0 1/4 J		01
R470	HF458100	Carbon Resistor	100.0K 1/4 J		01
R501	HF457100	Carbon Resistor	10.0K 1/4 J		01
R502	HF457100	Carbon Resistor	10.0K 1/4 J		01
R503	HF458100	Carbon Resistor	100.0K 1/4 J		01
R504	HF455220	Carbon Resistor	220.0 1/4 J		01
R505	HF457470	Carbon Resistor	47.0K 1/4 J		01
R506	HF455220	Carbon Resistor	220.0 1/4 J		01
R507	HF457100	Carbon Resistor	10.0K 1/4 J		01
R508	HF456430	Carbon Resistor	4.3K 1/4 J		01
R509	HF454100	Carbon Resistor	10.0 1/4 J		01
R510	HF458100	Carbon Resistor	100.0K 1/4 J		01
R511	VV065700	Metal Film Resistor	18K 1/4 F		01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
-514	VV065700	Metal Film Resistor	18K 1/4 F			
R515	HF455100	Carbon Resistor	100.0 1/4 J			01
R516	VV065700	Metal Film Resistor	18K 1/4 F			
R517	VV065700	Metal Film Resistor	18K 1/4 F			
R518	HF457470	Carbon Resistor	47.0K 1/4 J			01
R519	HF457470	Carbon Resistor	47.0K 1/4 J			01
R520	HF455100	Carbon Resistor	100.0 1/4 J			01
R521	HF456150	Carbon Resistor	1.5K 1/4 J			01
R522	HF457120	Carbon Resistor	12.0K 1/4 J			01
R531	HF457100	Carbon Resistor	10.0K 1/4 J			01
R532	HF457100	Carbon Resistor	10.0K 1/4 J			01
R533	HF458100	Carbon Resistor	100.0K 1/4 J			01
R534	HF455220	Carbon Resistor	220.0 1/4 J			01
R535	HF457470	Carbon Resistor	47.0K 1/4 J			01
R536	HF455220	Carbon Resistor	220.0 1/4 J			01
R537	HF457100	Carbon Resistor	10.0K 1/4 J			01
R538	HF456430	Carbon Resistor	4.3K 1/4 J			01
R539	HF454100	Carbon Resistor	10.0 1/4 J			01
R540	HF458100	Carbon Resistor	100.0K 1/4 J			01
R541	VV065700	Metal Film Resistor	18K 1/4 F			
-543	VV065700	Metal Film Resistor	18K 1/4 F			
R544	HF455100	Carbon Resistor	100.0 1/4 J			01
R545	HF457470	Carbon Resistor	47.0K 1/4 J			01
-547	HF457470	Carbon Resistor	47.0K 1/4 J			01
R548	HF455100	Carbon Resistor	100.0 1/4 J			01
R549	HF456150	Carbon Resistor	1.5K 1/4 J			01
R550	HF457120	Carbon Resistor	12.0K 1/4 J			01
R561	HF457180	Carbon Resistor	18.0K 1/4 J			01
R562	HF454100	Carbon Resistor	10.0 1/4 J			01
R563	HF458100	Carbon Resistor	100.0K 1/4 J			01
R564	HF455220	Carbon Resistor	220.0 1/4 J			01
R565	HF457180	Carbon Resistor	18.0K 1/4 J			01
R566	HF455220	Carbon Resistor	220.0 1/4 J			01
R567	HF457100	Carbon Resistor	10.0K 1/4 J			01
R568	HF457100	Carbon Resistor	10.0K 1/4 J			01
R569	HF454100	Carbon Resistor	10.0 1/4 J			01
R570	HF458220	Carbon Resistor	220.0K 1/4 J			01
R571	HF455100	Carbon Resistor	100.0 1/4 J			01
R572	HF456150	Carbon Resistor	1.5K 1/4 J			01
R573	HF457120	Carbon Resistor	12.0K 1/4 J			01
R574	HF456180	Carbon Resistor	1.8K 1/4 J			01
R601	HF457100	Carbon Resistor	10.0K 1/4 J			01
R602	HF457100	Carbon Resistor	10.0K 1/4 J			01
R603	HF458100	Carbon Resistor	100.0K 1/4 J			01
R604	HF455220	Carbon Resistor	220.0 1/4 J			01
R605	HF457470	Carbon Resistor	47.0K 1/4 J			01
R606	HF455220	Carbon Resistor	220.0 1/4 J			01
R607	HF457100	Carbon Resistor	10.0K 1/4 J			01
R608	HF456430	Carbon Resistor	4.3K 1/4 J			01
R609	HF454100	Carbon Resistor	10.0 1/4 J			01
R610	HF458100	Carbon Resistor	100.0K 1/4 J			01
R611	VV065700	Metal Film Resistor	18K 1/4 F			
-614	VV065700	Metal Film Resistor	18K 1/4 F			
R615	HF455100	Carbon Resistor	100.0 1/4 J			01
R616	VV065700	Metal Film Resistor	18K 1/4 F			
R617	VV065700	Metal Film Resistor	18K 1/4 F			
R618	HF457470	Carbon Resistor	47.0K 1/4 J			01
R619	HF457470	Carbon Resistor	47.0K 1/4 J			01
R634	HF455220	Carbon Resistor	220.0 1/4 J			01
R635	HF457470	Carbon Resistor	47.0K 1/4 J			01
R636	HF455220	Carbon Resistor	220.0 1/4 J			01
R637	HF457100	Carbon Resistor	10.0K 1/4 J			01
R638	HF456430	Carbon Resistor	4.3K 1/4 J			01
R639	HF454100	Carbon Resistor	10.0 1/4 J			01
R640	HF458100	Carbon Resistor	100.0K 1/4 J			01
R641	VV065700	Metal Film Resistor	18K 1/4 F			
-643	VV065700	Metal Film Resistor	18K 1/4 F			
R661	HF457180	Carbon Resistor	18.0K 1/4 J			01
R662	HF454100	Carbon Resistor	10.0 1/4 J			01
R663	HF458100	Carbon Resistor	100.0K 1/4 J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R664	HF455220	Carbon Resistor	220.0 1/4 J			01
R665	HF457180	Carbon Resistor	18.0K 1/4 J			01
R666	HF455220	Carbon Resistor	220.0 1/4 J			01
R667	HF457100	Carbon Resistor	10.0K 1/4 J			01
R668	HF457100	Carbon Resistor	10.0K 1/4 J			01
R669	HF454100	Carbon Resistor	10.0 1/4 J			01
R670	HF458220	Carbon Resistor	220.0K 1/4 J			01
R701	HF457100	Carbon Resistor	10.0K 1/4 J			01
R702	HF457100	Carbon Resistor	10.0K 1/4 J			01
R703	HF458100	Carbon Resistor	100.0K 1/4 J			01
R704	HF455220	Carbon Resistor	220.0 1/4 J			01
R705	HF457470	Carbon Resistor	47.0K 1/4 J			01
R706	HF455220	Carbon Resistor	220.0 1/4 J			01
R707	HF457100	Carbon Resistor	10.0K 1/4 J			01
R708	HF456430	Carbon Resistor	4.3K 1/4 J			01
R709	HF454100	Carbon Resistor	10.0 1/4 J			01
R710	HF458100	Carbon Resistor	100.0K 1/4 J			01
R711	VV065700	Metal Film Resistor	18K 1/4 F			
-714	VV065700	Metal Film Resistor	18K 1/4 F			
R715	HF455100	Carbon Resistor	100.0 1/4 J			01
R716	VV065700	Metal Film Resistor	18K 1/4 F			
R717	VV065700	Metal Film Resistor	18K 1/4 F			
R718	HF457470	Carbon Resistor	47.0K 1/4 J			01
R719	HF457470	Carbon Resistor	47.0K 1/4 J			01
R720	HF455100	Carbon Resistor	100.0 1/4 J			01
R721	HF456150	Carbon Resistor	1.5K 1/4 J			01
R722	HF457120	Carbon Resistor	12.0K 1/4 J			01
R731	HF457100	Carbon Resistor	10.0K 1/4 J			01
R732	HF457100	Carbon Resistor	10.0K 1/4 J			01
R733	HF458100	Carbon Resistor	100.0K 1/4 J			01
R734	HF455220	Carbon Resistor	220.0 1/4 J			01
R735	HF457470	Carbon Resistor	47.0K 1/4 J			01
R736	HF455220	Carbon Resistor	220.0 1/4 J			01
R737	HF457100	Carbon Resistor	10.0K 1/4 J			01
R738	HF456430	Carbon Resistor	4.3K 1/4 J			01
R739	HF454100	Carbon Resistor	10.0 1/4 J			01
R740	HF458100	Carbon Resistor	100.0K 1/4 J			01
R741	VV065700	Metal Film Resistor	18K 1/4 F			
-743	VV065700	Metal Film Resistor	18K 1/4 F			
R744	HF455100	Carbon Resistor	100.0 1/4 J			01
R745	HF457470	Carbon Resistor	47.0K 1/4 J			01
-747	HF457470	Carbon Resistor	47.0K 1/4 J			01
R761	HF456470	Carbon Resistor	4.7K 1/4 J			01
R762	HF457100	Carbon Resistor	10.0K 1/4 J			01
R763	HF456470	Carbon Resistor	4.7K 1/4 J			01
R764	HF457470	Carbon Resistor	47.0K 1/4 J			01
R765	HF456470	Carbon Resistor	4.7K 1/4 J			01
R766	HF456470	Carbon Resistor	4.7K 1/4 J			01
R767	HF457470	Carbon Resistor	47.0K 1/4 J			01
R768	HF456470	Carbon Resistor	4.7K 1/4 J			01
R769	HF456470	Carbon Resistor	4.7K 1/4 J			01
R770	HF457470	Carbon Resistor	47.0K 1/4 J			01
R771	HF457100	Carbon Resistor	10.0K 1/4 J			01
R772	HF457100	Carbon Resistor	10.0K 1/4 J			01
R773	HF456470	Carbon Resistor	4.7K 1/4 J			01
R774	HF457100	Carbon Resistor	10.0K 1/4 J			01
R775	HF456470	Carbon Resistor	4.7K 1/4 J			01
R776	HF457470	Carbon Resistor	47.0K 1/4 J			01
R777	HF456470	Carbon Resistor	4.7K 1/4 J			01
R778	HF456470	Carbon Resistor	4.7K 1/4 J			01
R779	HF457220	Carbon Resistor	22.0K 1/4 J			01
R780	HF457470	Carbon Resistor	47.0K 1/4 J			01
R781	HF457120	Carbon Resistor	12.0K 1/4 J			01
R782	HF456150	Carbon Resistor	1.5K 1/4 J			01
R783	HF455100	Carbon Resistor	100.0 1/4 J			01
R784	HF456180	Carbon Resistor	1.8K 1/4 J			01
R801	HF457100	Carbon Resistor	10.0K 1/4 J			01
R802	HF457100	Carbon Resistor	10.0K 1/4 J			01
R803	HF458100	Carbon Resistor	100.0K 1/4 J			01
R804	HF455220	Carbon Resistor	220.0 1/4 J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
R805	HF457470	Carbon Resistor	47.0K 1/4 J		01
R806	HF455220	Carbon Resistor	220.0 1/4 J		01
R807	HF457100	Carbon Resistor	10.0K 1/4 J		01
R808	HF456430	Carbon Resistor	4.3K 1/4 J		01
R809	HF454100	Carbon Resistor	10.0 1/4 J		01
R810	HF458100	Carbon Resistor	100.0K 1/4 J		01
R811	VV065700	Metal Film Resistor	18K 1/4 F		
-814	VV065700	Metal Film Resistor	18K 1/4 F		
R815	HF455100	Carbon Resistor	100.0 1/4 J		01
R816	VV065700	Metal Film Resistor	18K 1/4 F		
R817	VV065700	Metal Film Resistor	18K 1/4 F		
R818	HF457470	Carbon Resistor	47.0K 1/4 J		01
R819	HF457470	Carbon Resistor	47.0K 1/4 J		01
R834	HF455220	Carbon Resistor	220.0 1/4 J		01
R835	HF457470	Carbon Resistor	47.0K 1/4 J		01
R836	HF455220	Carbon Resistor	220.0 1/4 J		01
R837	HF457100	Carbon Resistor	10.0K 1/4 J		01
R838	HF456430	Carbon Resistor	4.3K 1/4 J		01
R839	HF454100	Carbon Resistor	10.0 1/4 J		01
R840	HF458100	Carbon Resistor	100.0K 1/4 J		01
R841	VV065700	Metal Film Resistor	18K 1/4 F		
-843	VV065700	Metal Film Resistor	18K 1/4 F		
R861	HF457470	Carbon Resistor	47.0K 1/4 J		01
R862	HF455470	Carbon Resistor	470.0 1/4 J		01
R863	HF457470	Carbon Resistor	47.0K 1/4 J		01
R864	HF455470	Carbon Resistor	470.0 1/4 J		01
R865	HF457470	Carbon Resistor	47.0K 1/4 J		01
R866	HF455470	Carbon Resistor	470.0 1/4 J		01
R867	HF457470	Carbon Resistor	47.0K 1/4 J		01
R868	HF455470	Carbon Resistor	470.0 1/4 J		01
R869	HF456220	Carbon Resistor	2.2K 1/4 J		01
-872	HF456220	Carbon Resistor	2.2K 1/4 J		01
R873	HF456470	Carbon Resistor	4.7K 1/4 J		01
R901	HF457220	Carbon Resistor	22.0K 1/4 J		01
R902	HF455100	Carbon Resistor	100.0 1/4 J		01
R903	HF457220	Carbon Resistor	22.0K 1/4 J		01
R904	HF455100	Carbon Resistor	100.0 1/4 J		01
R905	HF455150	Carbon Resistor	150.0 1/4 J		01
R906	HF457150	Carbon Resistor	15.0K 1/4 J		01
R907	HF454100	Carbon Resistor	10.0 1/4 J		01
R908	HF458100	Carbon Resistor	100.0K 1/4 J		01
R909	HF457100	Carbon Resistor	10.0K 1/4 J		01
R911	HF455220	Carbon Resistor	220.0 1/4 J		01
R912	HF457180	Carbon Resistor	18.0K 1/4 J		01
R913	HF455220	Carbon Resistor	220.0 1/4 J		01
R914	HF456180	Carbon Resistor	1.8K 1/4 J		01
R915	HF457100	Carbon Resistor	10.0K 1/4 J		01
R916	HF454470	Carbon Resistor	47.0 1/4 J		01
R917	HF458100	Carbon Resistor	100.0K 1/4 J		01
RY101	VM640200	Relay	DC RY 12W-OH-K		05
RY131	VM640200	Relay	DC RY 12W-OH-K		05
RY161	VM640200	Relay	DC RY 12W-OH-K		05
RY162	VM640200	Relay	DC RY 12W-OH-K		05
RY201	VM640200	Relay	DC RY 12W-OH-K		05
RY231	VM640200	Relay	DC RY 12W-OH-K		05
RY301	VM640200	Relay	DC RY 12W-OH-K		05
RY331	VM640200	Relay	DC RY 12W-OH-K		05
RY401	VM640200	Relay	DC RY 12W-OH-K		05
RY431	VM640200	Relay	DC RY 12W-OH-K		05
RY501	VM640200	Relay	DC RY 12W-OH-K		05
RY531	VM640200	Relay	DC RY 12W-OH-K		05
RY532	VM640200	Relay	DC RY 12W-OH-K		05
RY601	VM640200	Relay	DC RY 12W-OH-K		05
RY701	VM640200	Relay	DC RY 12W-OH-K		05
RY731	VM640200	Relay	DC RY 12W-OH-K		05
RY732	VM640200	Relay	DC RY 12W-OH-K		05
RY761	VM640200	Relay	DC RY 12W-OH-K		05
RY762	VM640200	Relay	DC RY 12W-OH-K		05
RY801	VM640200	Relay	DC RY 12W-OH-K		05
SW101	V2947300	Push Switch	ESB31L402	MIX1(TO STEREO)	02

*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
SW102	V2947300	Push Switch	ESB31L402	MIX1(TO MATRIX)		02
SW103	VZ251800	Push Switch	ESB68149	MIX1(AFL)		03
SW104	V2947500	Push Switch	ESB31N402	MIX1(ON/EDIT)		02
SW131	V2947300	Push Switch	ESB31L402	MIX9(TO STEREO)		02
SW132	V2947300	Push Switch	ESB31L402	MIX9(TO MATRIX)		02
SW133	VZ251800	Push Switch	ESB68149	MIX9(AFL)		03
SW134	V2947500	Push Switch	ESB31N402	MIX9(ON/EDIT)		02
SW161	VZ251800	Push Switch	ESB68149	STEREO A(AFL)		03
SW162	V2947500	Push Switch	ESB31N402	STEREO A(ON/EDIT)		02
SW163	V2947300	Push Switch	ESB31L402	STEREO A(TO MATRIX)		02
SW201	V2947300	Push Switch	ESB31L402	MIX2(TO STEREO)		02
SW202	V2947300	Push Switch	ESB31L402	MIX2(TO MATRIX)		02
SW203	VZ251800	Push Switch	ESB68149	MIX2(AFL)		03
SW204	V2947500	Push Switch	ESB31N402	MIX2(ON/EDIT)		02
SW231	V2947300	Push Switch	ESB31L402	MIX10(TP STEREO)		02
SW232	V2947300	Push Switch	ESB31L402	MIX10(TO MATRIX)		02
SW233	VZ251800	Push Switch	ESB68149	MIX10(AFL)		03
SW234	V2947500	Push Switch	ESB31N402	MIX10(ON/EDIT)		02
SW261	VZ251800	Push Switch	ESB68149	STEREO B(AFL)		03
SW262	VZ251800	Push Switch	ESB68149	STEREO B(ON)		03
SW301	V2947300	Push Switch	ESB31L402	MIX3(TO STEREO)		02
SW302	V2947300	Push Switch	ESB31L402	MIX3(TO MATRIX)		02
SW303	VZ251800	Push Switch	ESB68149	MIX3(AFL)		03
SW304	V2947500	Push Switch	ESB31N402	MIX3(ON/EDIT)		02
SW331	V2947300	Push Switch	ESB31L402	MIX11(TO STEREO)		02
SW332	V2947300	Push Switch	ESB31L402	MIX11(TO MATRIX)		02
SW333	VZ251800	Push Switch	ESB68149	MIX11(AFL)		03
SW334	V2947500	Push Switch	ESB31N402	MIX11(ON/EDIT)		02
SW361	V2947300	Push Switch	ESB31L402	MONITOR(2TR IN(1/2,ON),		02
-364	V2947300	Push Switch	ESB31L402	MASTER PFL L+R)		02
SW401	V2947300	Push Switch	ESB31L402	MIX4(TO STEREO)		02
SW402	V2947300	Push Switch	ESB31L402	MIX4(TO MATRIX)		02
SW403	VZ251800	Push Switch	ESB68149	MIX4(AFL)		03
SW404	V2947500	Push Switch	ESB31N402	MIX4(ON/EDIT)		02
SW431	V2947300	Push Switch	ESB31L402	MIX12(TO STEREO)		02
SW432	V2947300	Push Switch	ESB31L402	MIX12(TO MATRIX)		02
SW433	VZ251800	Push Switch	ESB68149	MIX12(AFL)		03
SW434	V2947500	Push Switch	ESB31N402	MIX12(ON/EDIT)		02
SW501	V2947300	Push Switch	ESB31L402	MIX5(TO STEREO)		02
SW502	V2947300	Push Switch	ESB31L402	MIX5(TO MATRIX)		02
SW503	VZ251800	Push Switch	ESB68149	MIX5(AFL)		03
SW504	V2947500	Push Switch	ESB31N402	MIX5(ON/EDIT)		02
SW531	V2947300	Push Switch	ESB31L402	MIX13/14(TO STEREO)		02
SW532	V2947300	Push Switch	ESB31L402	MIX13/14(TO MATRIX)		02
SW533	VZ251800	Push Switch	ESB68149	MIX13(AFL)		03
SW534	V2947500	Push Switch	ESB31N402	MIX13/14(ON/EDIT)		02
SW561	VZ251800	Push Switch	ESB68149	TALKBACK(ON)		03
SW601	V2947300	Push Switch	ESB31L402	MIX6(TO STEREO)		02
SW602	V2947300	Push Switch	ESB31L402	MIX6(TO MATRIX)		02
SW603	VZ251800	Push Switch	ESB68149	MIX6(AFL)		03
SW604	V2947500	Push Switch	ESB31N402	MIX6(ON/EDIT)		02
SW634	V2947500	Push Switch	ESB31N402	MIX15/16(ON/EDIT)		02
SW701	V2947300	Push Switch	ESB31L402	MIX7(TO STEREO)		02
SW702	V2947300	Push Switch	ESB31L402	MIX7(TO MATRIX)		02
SW703	VZ251800	Push Switch	ESB68149	MIX7(AFL)		03
SW704	V2947500	Push Switch	ESB31N402	MIX7(ON/EDIT)		02
SW731	V2947300	Push Switch	ESB31L402	MIX15/16(TO STEREO)		02
SW732	V2947300	Push Switch	ESB31L402	MIX15/16(TO MATRIX)		02
SW733	VZ251800	Push Switch	ESB68149	MIX15/16(ON/EDIT)		03
SW801	V2947300	Push Switch	ESB31L402	MIX8(TO STEREO)		02
SW802	V2947300	Push Switch	ESB31L402	MIX8(TO MATRIX)		02
SW803	VZ251800	Push Switch	ESB68149	MIX8(AFL)		03
SW804	V2947500	Push Switch	ESB31N402	MIX8(ON/EDIT)		02
SW861	V2947300	Push Switch	ESB31L402	OSC(OFF/ON)		02
SW862	V2947500	Push Switch	ESB31N402	OSC(100Hz, 1kHz, 10kHz, PINK)		02
-865	V2947500	Push Switch	ESB31N402			02
SW901	V2947300	Push Switch	ESB31L402	TALKBACK(ON, M1-M2, M3-M4,		02
-908	V2947300	Push Switch	ESB31L402	M5-M6, M7-M8, M9-M12,		02
				M13-M16, ST)		
VR101	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX Fader		

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
VR102	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX1(PAN)		03
* VR131	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX9 Fader		
VR132	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX9(PAN)		03
VR161	VZ610900	Rotary Variable Resistor	A 20K RK12L12C	STEREO B(LEVEL)		02
* VR201	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX2 Fader		
VR202	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX2(PAN)		03
* VR231	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX10 Fader		
VR232	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX10(PAN)		03
* VR301	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX3 Fader		
VR302	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX3(PAN)		03
* VR331	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX11 Fader		
VR332	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX11(PAN)		03
* VR401	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX4 Fader		
VR402	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX4(PAN)		03
* VR431	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX12 Fader		
VR432	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX12(PAN)		03
* VR501	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX5 Fader		
VR502	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX5(PAN)		03
VR531	V2696100	Slide Variable Resistor	10.0K*2 D RS60N121	MIX13/14 Fader		09
VR532	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX13/14(BAL)		03
VR561	VZ610900	Rotary Variable Resistor	A 20K RK12L12C	MONITOR(LEVEL)		02
* VR601	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX6 Fader		
VR602	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX6(PAN)		03
* VR701	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX7 Fader		
VR702	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX7(PAN)		03
VR731	V2696100	Slide Variable Resistor	10.0K*2 D RS60N121	MIX15/16 Fader		09
VR732	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX15/16(BAL)		03
* VR801	V5114700	Slide Variable Resistor	D 10.0K RS60N11S6	MIX8 Fader		
VR802	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	MIX8(PAN)		03
VR901	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	TALKBACK(LEVEL)		04
* V4769100	V4769100	Circuit Board	MATRIX	(XW963B0)		
V4469300	V4469300	Push Button	CD-GRAY/WHITE		8	01
V4469400	V4469400	Push Button	CL-GRAY/RED		8	01
VV307300	VV307300	LED Spacer			16	01
C101	VZ353600	Ceramic Cap.-B	220P 50V K			01
C102	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C103	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C104	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C105	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C106	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C107	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C108	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C109	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C110	VZ353900	Ceramic Cap.-B	1000P 50V K			01
-112	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C113	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C114	UJ848100	Electrolytic Cap.	100.00 25.0V			01
C115	UJ848100	Electrolytic Cap.	100.00 25.0V			01
C201	VZ353600	Ceramic Cap.-B	220P 50V K			01
C202	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C203	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C204	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C205	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C206	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C207	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C208	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C209	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C301	VZ353600	Ceramic Cap.-B	220P 50V K			01
C302	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C303	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C304	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C305	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C306	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C307	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C308	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C309	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C310	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C311	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C401	VZ353600	Ceramic Cap.-B	220P 50V K			01

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C402	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C403	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C404	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C405	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C406	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C407	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C408	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C409	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C501	VZ353600	Ceramic Cap.-B	220P 50V K			01
C502	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C503	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C504	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C505	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C506	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C507	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C508	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C509	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C510	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C511	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C601	VZ353600	Ceramic Cap.-B	220P 50V K			01
C602	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C603	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C604	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C605	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C606	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C607	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C608	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C609	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C701	VZ353600	Ceramic Cap.-B	220P 50V K			01
C702	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C703	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C704	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C705	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C706	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C707	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C708	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C709	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C710	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C711	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C801	VZ353600	Ceramic Cap.-B	220P 50V K			01
C802	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C803	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C804	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C805	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C806	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C807	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C808	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C809	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
CN111	VL548900	Short Plug	FJ 12P			02
-113	VL548900	Short Plug	FJ 12P			02
CN229	VV068000	Connector Base Post	M2426XXR 6P SE			01
CN313	VV067900	Connector Base Post	M2426XXR 5P SE			01
CN327	VV068200	Connector Base Post	M2426XXR 8P SE			01
CN328	VV068300	Connector Base Post	M2426XXR 9P SE			01
IC101	XM356A00	IC	NJM2068L-D	OP AMP		02
IC201	XM356A00	IC	NJM2068L-D	OP AMP		02
IC301	XM356A00	IC	NJM2068L-D	OP AMP		02
IC401	XM356A00	IC	NJM2068L-D	OP AMP		02
IC501	XM356A00	IC	NJM2068L-D	OP AMP		02
IC601	XM356A00	IC	NJM2068L-D	OP AMP		02
IC701	XM356A00	IC	NJM2068L-D	OP AMP		02
IC801	XM356A00	IC	NJM2068L-D	OP AMP		02
LD101	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX1(ON)		01
LD102	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX1(AFL)		01
LD201	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX2(ON)		01
LD202	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX2(AFL)		01
LD301	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX3(ON)		01
LD302	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX3(AFL)		01
LD401	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX4(ON)		01
LD402	VV938100	LED	Yellow LT331-41-C13 YE	MATRIX(AFL)		01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
LD501	VV938100	LED	Yellow	LT331-41-C13YE		01
LD502	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX5(AFL)	01
LD601	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX6(ON)	01
LD602	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX6(AFL)	01
LD701	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX7(ON)	01
LD702	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX7(AFL)	01
LD801	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX8(ON)	01
LD802	VV938100	LED	Yellow	LT331-41-C13YE	MATRIX8(AFL)	01
Q401	IC1815M0	Transistor		2SC1815Y,GR		01
Q402	IC1815M0	Transistor		2SC1815Y,GR		01
Q801	IC1815M0	Transistor		2SC1815Y,GR		01
Q802	IC1815M0	Transistor		2SC1815Y,GR		01
R101	VV065700	Metal Film Resistor		18K 1/4 F		
-121	VV065700	Metal Film Resistor		18K 1/4 F		
R122	HF454100	Carbon Resistor		10.0 1/4 J		01
R123	HF457180	Carbon Resistor		18.0K 1/4 J		01
R124	HF457360	Carbon Resistor		36.0K 1/4 J		01
R125	HF454100	Carbon Resistor		10.0 1/4 J		01
R126	HF458100	Carbon Resistor		100.0K 1/4 J		01
R127	VV065700	Metal Film Resistor		18K 1/4 F		
-129	VV065700	Metal Film Resistor		18K 1/4 F		
R130	VV065700	Metal Film Resistor		18K 1/4 F		
R131	HF455100	Carbon Resistor		100.0 1/4 J		01
R201	VV065700	Metal Film Resistor		18K 1/4 F		
-221	VV065700	Metal Film Resistor		18K 1/4 F		
R222	HF454100	Carbon Resistor		10.0 1/4 J		01
R223	HF457180	Carbon Resistor		18.0K 1/4 J		01
R224	HF457360	Carbon Resistor		36.0K 1/4 J		01
R225	HF454100	Carbon Resistor		10.0 1/4 J		01
R226	HF458100	Carbon Resistor		100.0K 1/4 J		01
R227	VV065700	Metal Film Resistor		18K 1/4 F		
-230	VV065700	Metal Film Resistor		18K 1/4 F		
R231	HF455100	Carbon Resistor		100.0 1/4 J		01
R301	VV065700	Metal Film Resistor		18K 1/4 F		
-321	VV065700	Metal Film Resistor		18K 1/4 F		
R322	HF454100	Carbon Resistor		10.0 1/4 J		01
R323	HF457180	Carbon Resistor		18.0K 1/4 J		01
R324	HF457360	Carbon Resistor		36.0K 1/4 J		01
R325	HF454100	Carbon Resistor		10.0 1/4 J		01
R326	HF458100	Carbon Resistor		100.0K 1/4 J		01
R327	VV065700	Metal Film Resistor		18K 1/4 F		
-330	VV065700	Metal Film Resistor		18K 1/4 F		
R331	HF455100	Carbon Resistor		100.0 1/4 J		01
R401	VV065700	Metal Film Resistor		18K 1/4 F		
-421	VV065700	Metal Film Resistor		18K 1/4 F		
R422	HF454100	Carbon Resistor		10.0 1/4 J		01
R423	HF457180	Carbon Resistor		18.0K 1/4 J		01
R424	HF457360	Carbon Resistor		36.0K 1/4 J		01
R425	HF454100	Carbon Resistor		10.0 1/4 J		01
R426	HF458100	Carbon Resistor		100.0K 1/4 J		01
R427	VV065700	Metal Film Resistor		18K 1/4 F		
-430	VV065700	Metal Film Resistor		18K 1/4 F		
R431	HF455100	Carbon Resistor		100.0 1/4 J		01
R432	HF455100	Carbon Resistor		100.0 1/4 J		01
R433	HF457120	Carbon Resistor		12.0K 1/4 J		01
R434	HF456150	Carbon Resistor		1.5K 1/4 J		01
R435	HF455100	Carbon Resistor		100.0 1/4 J		01
R436	HF456150	Carbon Resistor		1.5K 1/4 J		01
R437	HF457120	Carbon Resistor		12.0K 1/4 J		01
R501	VV065700	Metal Film Resistor		18K 1/4 F		
-521	VV065700	Metal Film Resistor		18K 1/4 F		
R522	HF454100	Carbon Resistor		10.0 1/4 J		01
R523	HF457180	Carbon Resistor		18.0K 1/4 J		01
R524	HF457360	Carbon Resistor		36.0K 1/4 J		01
R525	HF454100	Carbon Resistor		10.0 1/4 J		01
R526	HF458100	Carbon Resistor		100.0K 1/4 J		01
R527	VV065700	Metal Film Resistor		18K 1/4 F		
-530	VV065700	Metal Film Resistor		18K 1/4 F		
R531	HF455100	Carbon Resistor		100.0 1/4 J		01
R601	VV065700	Metal Film Resistor		18K 1/4 F		

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
-621	VV065700	Metal Film Resistor	18K 1/4 F			
R622	HF454100	Carbon Resistor	10.0 1/4 J			01
R623	HF457180	Carbon Resistor	18.0K 1/4 J			01
R624	HF457360	Carbon Resistor	36.0K 1/4 J			01
R625	HF454100	Carbon Resistor	10.0 1/4 J			01
R626	HF458100	Carbon Resistor	100.0K 1/4 J			01
R627	VV065700	Metal Film Resistor	18K 1/4 F			
-630	VV065700	Metal Film Resistor	18K 1/4 F			
R631	HF455100	Carbon Resistor	100.0 1/4 J			01
R701	VV065700	Metal Film Resistor	18K 1/4 F			
-721	VV065700	Metal Film Resistor	18K 1/4 F			
R722	HF454100	Carbon Resistor	10.0 1/4 J			01
R723	HF457180	Carbon Resistor	18.0K 1/4 J			01
R724	HF457360	Carbon Resistor	36.0K 1/4 J			01
R725	HF454100	Carbon Resistor	10.0 1/4 J			01
R726	HF458100	Carbon Resistor	100.0K 1/4 J			01
R727	VV065700	Metal Film Resistor	18K 1/4 F			
-730	VV065700	Metal Film Resistor	18K 1/4 F			
R731	HF455100	Carbon Resistor	100.0 1/4 J			01
R801	VV065700	Metal Film Resistor	18K 1/4 F			
-821	VV065700	Metal Film Resistor	18K 1/4 F			
R822	HF454100	Carbon Resistor	10.0 1/4 J			01
R823	HF457180	Carbon Resistor	18.0K 1/4 J			01
R824	HF457360	Carbon Resistor	36.0K 1/4 J			01
R825	HF454100	Carbon Resistor	10.0 1/4 J			01
R826	HF458100	Carbon Resistor	100.0K 1/4 J			01
R827	VV065700	Metal Film Resistor	18K 1/4 F			
-830	VV065700	Metal Film Resistor	18K 1/4 F			
R831	HF455100	Carbon Resistor	100.0 1/4 J			01
R832	HF455100	Carbon Resistor	100.0 1/4 J			01
R833	HF457120	Carbon Resistor	12.0K 1/4 J			01
R834	HF456150	Carbon Resistor	1.5K 1/4 J			01
R835	HF455100	Carbon Resistor	100.0 1/4 J			01
R836	HF456150	Carbon Resistor	1.5K 1/4 J			01
R837	HF457120	Carbon Resistor	12.0K 1/4 J			01
SW101	V2947300	Push Switch	ESB31L402	MATRIX1 (ON)		02
SW102	VZ251800	Push Switch	ESB68149	MATRIX1 (AFL)		03
SW201	V2947300	Push Switch	ESB31L402	MATRIX2 (ON)		02
SW202	VZ251800	Push Switch	ESB68149	MATRIX2 (AFL)		03
SW301	V2947300	Push Switch	ESB31L402	MATRIX3 (ON)		02
SW302	VZ251800	Push Switch	ESB68149	MATRIX3 (AFL)		03
SW401	V2947300	Push Switch	ESB31L402	MATRIX4 (ON)		02
SW402	VZ251800	Push Switch	ESB68149	MATRIX (AFL)		03
SW501	V2947300	Push Switch	ESB31L402	MATRIX5 (ON)		02
SW502	VZ251800	Push Switch	ESB68149	MATRIX5 (AFL)		03
SW601	V2947300	Push Switch	ESB31L402	MATRIX6 (ON)		02
SW602	VZ251800	Push Switch	ESB68149	MATRIX6 (AFL)		03
SW701	V2947300	Push Switch	ESB31L402	MATRIX7 (ON)		02
SW702	VZ251800	Push Switch	ESB68149	MATRIX7 (AFL)		03
SW801	V2947300	Push Switch	ESB31L402	MATRIX8 (ON)		02
SW802	VZ251800	Push Switch	ESB68149	MATRIX8 (AFL)		03
VR101	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX1 (M1-M6,		04
-121	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR201	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX2 (M1-M6,		04
-221	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR301	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX3 (M1-M6,		04
-321	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR401	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX4 (M1-M6,		04
-421	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR501	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX5 (M1-M6,		04
-521	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR601	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX6 (M1-M6,		04
-621	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
VR701	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX7 (M1-M6,		04

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
-721	VU804600	Rotary Variable Resistor	A 20.0K RK09K113			04
VR801	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	STEREO A(L,R),SUBIN(L,R), LEVEL)		04
-821	VU804600	Rotary Variable Resistor	A 20.0K RK09K113	MATRIX8(M1-M6, STEREO A(L,R),SUBIN(L,R), LEVEL)		04
	NX819700	Circuit Board	METER1 1/5	(XU213C0)		
	NX819740	Circuit Board	METER1 2/5	(XU213C0)		
	NX819750	Circuit Board	METER1 3/5	(XU213C0)		
	NX819760	Circuit Board	METER1 4/5	(XU213C0)		
	NX819770	Circuit Board	METER1 5/5	(XU213C0)		
	VV307300	LED Spacer				01
C101	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-108	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C109	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C110	VV062400	Mylar Capacitor	0.047 50V J			01
C111	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C112	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C113	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C114	UJ838100	Electrolytic Cap.	100.00 16.0V			01
-116	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C117	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C118	VV062400	Mylar Capacitor	0.047 50V J			01
CN101	V2954700	Connector Assembly	1018&1018 2P 80L			02
-104	V2954700	Connector Assembly	1018&1018 2P 80L			02
CN331	VV068300	Connector Base Post	M2426XXR 9P SE			01
CN332	VV068800	Connector Base Post	M2426XXR 14P SE			01
CN334	VV067600	Connector Base Post	M2426XXR 2P SE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
-106	VD631600	Diode	1SS133,176,HSS104			01
IC101	XA053A00	IC	TC4052BP	MULTIPLEXER		03
IC102	XM922A00	IC	NJM4558L	OP AMP		01
IC102	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC103	XM922A00	IC	NJM4558L	OP AMP		01
IC103	XQ212A00	IC	NJM4558L-D	OP AMP		03
K101	VB966900	Style Pin	IMSA-6024			01
K102	VB966900	Style Pin	IMSA-6024			01
LD101	V2324800	LED	L-23HD RE	Peak Level		01
LD102	V2324800	LED	L-23HD RE	Peak Level		01
LD103	V2354000	LED	L-934SYT	Meter lamp		03
-110	V2354000	LED	L-934SYT	Meter lamp		03
Q101	IC1815M0	Transistor	2SC1815Y,GR			01
Q103	IA101590	Transistor	2SA1015 O,Y			01
Q104	IC1815M0	Transistor	2SC1815Y,GR			01
Q106	IA101590	Transistor	2SA1015 O,Y			01
R101	HF457470	Carbon Resistor	47.0K 1/4 J			01
R102	HF457180	Carbon Resistor	18.0K 1/4 J			01
R103	HF457470	Carbon Resistor	47.0K 1/4 J			01
R104	HF457180	Carbon Resistor	18.0K 1/4 J			01
R105	HF457470	Carbon Resistor	47.0K 1/4 J			01
R106	HF457180	Carbon Resistor	18.0K 1/4 J			01
R107	HF457470	Carbon Resistor	47.0K 1/4 J			01
R108	HF457180	Carbon Resistor	18.0K 1/4 J			01
R109	HF457470	Carbon Resistor	47.0K 1/4 J			01
R110	HF457180	Carbon Resistor	18.0K 1/4 J			01
R111	HF457470	Carbon Resistor	47.0K 1/4 J			01
R112	HF457180	Carbon Resistor	18.0K 1/4 J			01
R113	HF456470	Carbon Resistor	4.7K 1/4 J			01
-116	HF456470	Carbon Resistor	4.7K 1/4 J			01
R117	HF457680	Carbon Resistor	68.0K 1/4 J			01
R118	HF456820	Carbon Resistor	8.2K 1/4 J			01
R119	HF457820	Carbon Resistor	82.0K 1/4 J			01
R120	HF457120	Carbon Resistor	12.0K 1/4 J			01
R121	HF457270	Carbon Resistor	27.0K 1/4 J			01
R122	HF455150	Carbon Resistor	150.0 1/4 J			01
R123	HF456680	Carbon Resistor	6.8K 1/4 J			01
R124	HF455330	Carbon Resistor	330.0 1/4 J			01
R125	HF455330	Carbon Resistor	330.0 1/4 J			01
R126	HF456680	Carbon Resistor	6.8K 1/4 J			01
R127	HF454620	Carbon Resistor	62.0 1/4 J			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R128	HF454620	Carbon Resistor	62.0 1/4 J			01
R129	HF456160	Carbon Resistor	1.6K 1/4 J			01
R130	HF456160	Carbon Resistor	1.6K 1/4 J			01
R131	HF458100	Carbon Resistor	100.0K 1/4 J			01
R132	HF458150	Carbon Resistor	150.0K 1/4 J			01
R133	HF457120	Carbon Resistor	12.0K 1/4 J			01
R134	HF457470	Carbon Resistor	47.0K 1/4 J			01
R135	HF456470	Carbon Resistor	4.7K 1/4 J			01
R139	HF458100	Carbon Resistor	100.0K 1/4 J			01
R140	HF456160	Carbon Resistor	1.6K 1/4 J			01
R141	HF457680	Carbon Resistor	68.0K 1/4 J			01
R142	HF456820	Carbon Resistor	8.2K 1/4 J			01
R143	HF457820	Carbon Resistor	82.0K 1/4 J			01
R144	HF457120	Carbon Resistor	12.0K 1/4 J			01
R145	HF457270	Carbon Resistor	27.0K 1/4 J			01
R146	HF455150	Carbon Resistor	150.0 1/4 J			01
R147	HF456680	Carbon Resistor	6.8K 1/4 J			01
R148	HF455330	Carbon Resistor	330.0 1/4 J			01
R149	HF455330	Carbon Resistor	330.0 1/4 J			01
R150	HF456680	Carbon Resistor	6.8K 1/4 J			01
R151	HF454620	Carbon Resistor	62.0 1/4 J			01
R152	HF454620	Carbon Resistor	62.0 1/4 J			01
R153	HF456160	Carbon Resistor	1.6K 1/4 J			01
R154	HF456160	Carbon Resistor	1.6K 1/4 J			01
R155	HF458100	Carbon Resistor	100.0K 1/4 J			01
R156	HF458150	Carbon Resistor	150.0K 1/4 J			01
R157	HF457120	Carbon Resistor	12.0K 1/4 J			01
R158	HF457470	Carbon Resistor	47.0K 1/4 J			01
R159	HF456470	Carbon Resistor	4.7K 1/4 J			01
R163	HF458100	Carbon Resistor	100.0K 1/4 J			01
R164	HF456160	Carbon Resistor	1.6K 1/4 J			01
R165	HF455100	Carbon Resistor	100.0 1/4 J			01
-168	HF455100	Carbon Resistor	100.0 1/4 J			01
VR101	V2347600	Trimmer Potentiometer	B 1K 3P TB625M	MT101 adj.		01
VR102	V2347600	Trimmer Potentiometer	B 1K 3P TB625M	MT102 adj.		01
	NX819710	Circuit Board	METER2 1/10	(XU857C0)		
	NX819780	Circuit Board	METER2 2/10	(XU857C0)		
	NX819790	Circuit Board	METER2 3/10	(XU857C0)		
	NX819800	Circuit Board	METER2 4/10	(XU857C0)		
	NX819810	Circuit Board	METER2 5/10	(XU857C0)		
	NX819820	Circuit Board	METER2 6/10	(XU857C0)		
	NX819830	Circuit Board	METER2 7/10	(XU857C0)		
	NX819840	Circuit Board	METER2 8/10	(XU857C0)		
	NX819850	Circuit Board	METER2 9/10	(XU857C0)		
	NX819860	Circuit Board	METER2 10/10	(XU857C0)		
	VV307300	LED Spacer				01
C101	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-105	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C106	UJ838100	Electrolytic Cap.	100.00 16.0V			01
-108	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C109	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C110	VV062400	Mylar Capacitor	0.047 50V J			01
C111	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C112	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C113	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C114	UJ838100	Electrolytic Cap.	100.00 16.0V			01
-116	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C117	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C118	VV062400	Mylar Capacitor	0.047 50V J			01
CN101	V2954700	Connector Assembly	1018&1018 2P 80L			02
-104	V2954700	Connector Assembly	1018&1018 2P 80L			02
CN132	VV068400	Connector Base Post	M2426XXR 10P SE			01
CN232	VV068400	Connector Base Post	M2426XXR 10P SE			01
CN331	VV067700	Connector Base Post	M2426XXR 3P SE			01
CN333	VV067800	Connector Base Post	M2426XXR 4P SE			01
CN334	VV067600	Connector Base Post	M2426XXR 2P SE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
-106	VD631600	Diode	1SS133,176,HSS104			01
IC101	XA053A00	IC	TC4052BP	MULTIPLEXER		03

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
IC102	XM922A00	IC	NJM4558L	OP AMP		01
IC102	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC103	XM922A00	IC	NJM4558L	OP AMP		01
IC103	XQ212A00	IC	NJM4558L-D	OP AMP		03
J101	VV291400	Jumper Wire	0.6			01
J102	VV291400	Jumper Wire	0.6			01
K101	VB966900	Style Pin	IMSA-6024			01
K102	VB966900	Style Pin	IMSA-6024			01
LD101	V2324800	LED	L-23HD RE	Peak Level		01
LD102	V2324800	LED	L-23HD RE	Peak Level		01
LD103	V2354000	LED	L-934SYT	Meter lamp		03
-110	V2354000	LED	L-934SYT	Meter lamp		03
Q101	IC1815M0	Transistor	2SC1815 Y,GR			01
Q103	IA101590	Transistor	2SA1015 O,Y			01
Q104	IC1815M0	Transistor	2SC1815 Y,GR			01
Q106	IA101590	Transistor	2SA1015 O,Y			01
R101	HF457470	Carbon Resistor	47.0K 1/4 J			01
R102	HF457180	Carbon Resistor	18.0K 1/4 J			01
R103	HF457470	Carbon Resistor	47.0K 1/4 J			01
R104	HF457180	Carbon Resistor	18.0K 1/4 J			01
R105	HF457470	Carbon Resistor	47.0K 1/4 J			01
R106	HF457180	Carbon Resistor	18.0K 1/4 J			01
R107	HF457470	Carbon Resistor	47.0K 1/4 J			01
R108	HF457180	Carbon Resistor	18.0K 1/4 J			01
R109	HF457470	Carbon Resistor	47.0K 1/4 J			01
R110	HF457180	Carbon Resistor	18.0K 1/4 J			01
R111	HF457470	Carbon Resistor	47.0K 1/4 J			01
R112	HF457180	Carbon Resistor	18.0K 1/4 J			01
R113	HF456470	Carbon Resistor	4.7K 1/4 J			01
-116	HF456470	Carbon Resistor	4.7K 1/4 J			01
R117	HF457680	Carbon Resistor	68.0K 1/4 J			01
R118	HF456820	Carbon Resistor	8.2K 1/4 J			01
R119	HF457820	Carbon Resistor	82.0K 1/4 J			01
R120	HF457120	Carbon Resistor	12.0K 1/4 J			01
R121	HF457270	Carbon Resistor	27.0K 1/4 J			01
R122	HF455150	Carbon Resistor	150.0 1/4 J			01
R123	HF456680	Carbon Resistor	6.8K 1/4 J			01
R124	HF455330	Carbon Resistor	330.0 1/4 J			01
R125	HF455330	Carbon Resistor	330.0 1/4 J			01
R126	HF456680	Carbon Resistor	6.8K 1/4 J			01
R127	HF454620	Carbon Resistor	62.0 1/4 J			01
R128	HF454620	Carbon Resistor	62.0 1/4 J			01
R129	HF456160	Carbon Resistor	1.6K 1/4 J			01
R130	HF456160	Carbon Resistor	1.6K 1/4 J			01
R131	HF458100	Carbon Resistor	100.0K 1/4 J			01
R132	HF458150	Carbon Resistor	150.0K 1/4 J			01
R133	HF457120	Carbon Resistor	12.0K 1/4 J			01
R134	HF457470	Carbon Resistor	47.0K 1/4 J			01
R135	HF456470	Carbon Resistor	4.7K 1/4 J			01
R139	HF458100	Carbon Resistor	100.0K 1/4 J			01
R140	HF456160	Carbon Resistor	1.6K 1/4 J			01
R142	HF456820	Carbon Resistor	8.2K 1/4 J			01
R143	HF457820	Carbon Resistor	82.0K 1/4 J			01
R144	HF457120	Carbon Resistor	12.0K 1/4 J			01
R145	HF457270	Carbon Resistor	27.0K 1/4 J			01
R146	HF455150	Carbon Resistor	150.0 1/4 J			01
R147	HF456680	Carbon Resistor	6.8K 1/4 J			01
R148	HF455330	Carbon Resistor	330.0 1/4 J			01
R149	HF455330	Carbon Resistor	330.0 1/4 J			01
R150	HF456680	Carbon Resistor	6.8K 1/4 J			01
R151	HF454620	Carbon Resistor	62.0 1/4 J			01
R152	HF454620	Carbon Resistor	62.0 1/4 J			01
R153	HF456160	Carbon Resistor	1.6K 1/4 J			01
R154	HF456160	Carbon Resistor	1.6K 1/4 J			01
R155	HF458100	Carbon Resistor	100.0K 1/4 J			01
R156	HF458150	Carbon Resistor	150.0K 1/4 J			01
R157	HF457120	Carbon Resistor	12.0K 1/4 J			01
R158	HF457470	Carbon Resistor	47.0K 1/4 J			01
R159	HF456470	Carbon Resistor	4.7K 1/4 J			01
R163	HF458100	Carbon Resistor	100.0K 1/4 J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R164	HF456160	Carbon Resistor	1.6K 1/4 J			01
R165	HF455100	Carbon Resistor	100.0 1/4 J			01
-169	HF458100	Carbon Resistor	100.0K 1/4 J			01
VR101	V2347600	Trimmer Potentiometer	B 1K 3P TB625M	MT101 adj.		01
VR102	V2347600	Trimmer Potentiometer	B 1K 3P TB625M	MT102 adj.		01
	V2307400	Circuit Board	MSOTHR	(XU212C0)		
	VV291400	Jumper Wire	0.6		28	01
C101	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C102	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C103	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
-105	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C106	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-108	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C109	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
-111	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C112	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C113	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C114	VZ353600	Ceramic Cap.-B	220P 50V K			01
C115	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C116	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C117	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C118	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C119	VZ353600	Ceramic Cap.-B	220P 50V K			01
C120	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C121	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C122	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-124	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C125	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C126	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C201	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C202	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
-204	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C205	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C206	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C207	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
-209	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C210	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C211	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C212	UJ847100	Electrolytic Cap.	10.00 25.0V			01
CN311	VV067800	Connector Base Post	M2426XXR 4P SE			01
CN312	VV067700	Connector Base Post	M2426XXR 3P SE			01
CN313	VV067900	Connector Base Post	M2426XXR 5P SE			01
CN314	VV068200	Connector Base Post	M2426XXR 8P SE			01
CN315	VV067700	Connector Base Post	M2426XXR 3P SE			01
CN316	VV068300	Connector Base Post	M2426XXR 9P SE			01
CN317	VV068200	Connector Base Post	M2426XXR 8P SE			01
IC101	XM356A00	IC	NJM2068L-D	OP AMP		02
IC102	XM356A00	IC	NJM2068L-D	OP AMP		02
IC201	XF195A00	IC	NJM4580L	OP AMP		04
JK101	VS763000	XLM Connector	NC3FAHR1-0	2TR IN L		03
JK102	VS763000	XLM Connector	NC3FAHR1-0	2TR IN R		03
JK103	VZ661100	Pin Connector	HSP-252	2TR IN (2-10dBV)		02
JK201	VZ661000	Phone Jack	JY-6313	ST INSERT I/O,		02
-204	VZ661000	Phone Jack	JY-6313	MATRIX SUB IN		02
JK301	VZ661200	Connector, D-SUB	9 95018-A09	VCA EXTERNAL I/O		
JK302	VZ661000	Phone Jack	JY-6313	CUE CONTROL		02
K101	VV075700	Terminal Plate				01
K102	VV075700	Terminal Plate				01
K201	--	Holder, Phone Jack		(VZ70940)		
K202	--	Holder, Phone Jack		(VZ70940)		
K203	VV075700	Terminal Plate				01
K204	VV075700	Terminal Plate				01
K301	--	Holder, Phone Jack		(VZ70940)		
K302	VV075700	Terminal Plate				01
R101	HF458100	Carbon Resistor	100.0K 1/4 J			01
R102	HF458100	Carbon Resistor	100.0K 1/4 J			01
R103	HF457160	Carbon Resistor	16.0K 1/4 J			01
R104	HF457160	Carbon Resistor	16.0K 1/4 J			01
R105	HF457100	Carbon Resistor	10.0K 1/4 J			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R106	HF457100	Carbon Resistor	10.0K 1/4 J			01
R107	HF454100	Carbon Resistor	10.0 1/4 J			01
R108	HF458100	Carbon Resistor	100.0K 1/4 J			01
-110	HF458100	Carbon Resistor	100.0K 1/4 J			01
R111	HF457160	Carbon Resistor	16.0K 1/4 J			01
R112	HF457160	Carbon Resistor	16.0K 1/4 J			01
R113	HF457100	Carbon Resistor	10.0K 1/4 J			01
-115	HF454100	Carbon Resistor	10.0 1/4 J			01
R116	HF458100	Carbon Resistor	100.0K 1/4 J			01
R117	HF458100	Carbon Resistor	100.0K 1/4 J			01
R118	HF455220	Carbon Resistor	220.0 1/4 J			01
R119	HF457470	Carbon Resistor	47.0K 1/4 J			01
R120	HF455220	Carbon Resistor	220.0 1/4 J			01
R121	HF457100	Carbon Resistor	10.0K 1/4 J			01
R122	HF457150	Carbon Resistor	15.0K 1/4 J			01
R123	HF454100	Carbon Resistor	10.0 1/4 J			01
R124	HF458100	Carbon Resistor	100.0K 1/4 J			01
R125	HF458100	Carbon Resistor	100.0K 1/4 J			01
R126	HF455220	Carbon Resistor	220.0 1/4 J			01
R127	HF457470	Carbon Resistor	47.0K 1/4 J			01
R128	HF455220	Carbon Resistor	220.0 1/4 J			01
R129	HF457100	Carbon Resistor	10.0K 1/4 J			01
R130	HF457150	Carbon Resistor	15.0K 1/4 J			01
R131	HF454100	Carbon Resistor	10.0 1/4 J			01
R132	HF458100	Carbon Resistor	100.0K 1/4 J			01
R201	HF458100	Carbon Resistor	100.0K 1/4 J			01
R202	HF457160	Carbon Resistor	16.0K 1/4 J			01
R203	HF457100	Carbon Resistor	10.0K 1/4 J			01
R204	HF457160	Carbon Resistor	16.0K 1/4 J			01
R205	HF457100	Carbon Resistor	10.0K 1/4 J			01
R206	HF454100	Carbon Resistor	10.0 1/4 J			01
R207	HF458100	Carbon Resistor	100.0K 1/4 J			01
R208	HF458100	Carbon Resistor	100.0K 1/4 J			01
R209	HF457160	Carbon Resistor	16.0K 1/4 J			01
R210	HF457100	Carbon Resistor	10.0K 1/4 J			01
R211	HF457160	Carbon Resistor	16.0K 1/4 J			01
R212	HF457100	Carbon Resistor	10.0K 1/4 J			01
R213	HF454100	Carbon Resistor	10.0 1/4 J			01
R214	HF458100	Carbon Resistor	100.0K 1/4 J			01
SW301	VZ660900	Rotary Switch	SRRZ58	VCA MASTER/SLAVE		08
SW302	VZ677300	Slide Switch	SSSU122NB1-YL	PHANTOM MASTER ON/OFF		02
	NX819680	Circuit Board	MSOUT1	(XV388D0)		
	NX819720	Circuit Board	MSOUT2	(XV388D0)		
C101	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C102	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
-105	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C106	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C107	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C108	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C109	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C110	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C111	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C201	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C202	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
-205	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C206	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C207	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C208	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C209	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C210	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C211	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C301	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C302	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C303	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C304	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C305	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C306	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C307	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C308	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C309	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C310	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C311	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C401	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C402	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
-405	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C406	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C407	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C408	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C409	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C410	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C411	UJ847470	Electrolytic Cap.	47.00 25.0V			01
CN021	VV067900	Connector Base Post	M2426XXR 5P SE			01
CN031	VV067700	Connector Base Post	M2426XXR 3P SE			01
CN321	VV068200	Connector Base Post	M2426XXR 8P SE			01
CN331	VV068000	Connector Base Post	M2426XXR 6P SE			01
IC101	XF195A00	IC	NJM4580L	OP AMP		04
IC201	XF195A00	IC	NJM4580L	OP AMP		04
IC301	XF195A00	IC	NJM4580L	OP AMP		04
IC401	XF195A00	IC	NJM4580L	OP AMP		04
JK101	VS762900	XLM Connector	NC3MAHR	MIX OUT(1,5,9,13) MATRIX OUT(1,5) STOUT A/L MONITOR OUT L		03
JK201	VS762900	XLM Connector	NC3MAHR	MIX OUT(2,6,10,14)		03
JK301	VS762900	XLM Connector	NC3MAHR	MATRIX OUT(2,6) STOUT A/R MONITOR OUT R MIX OUT(3,7,11,15) MATRIX OUT(3,7)		03
JK401	VS762900	XLM Connector	NC3MAHR	STOUT B/L MIX OUT(4,8,12,16) MATRIX OUT(4,8) STOUT B/R		03
K101	VV075700	Terminal Plate				01
K301	VV075700	Terminal Plate				01
R101	HF458220	Carbon Resistor	220.0K 1/4 J			01
R102	VV065500	Metal Film Resistor	10K 1/4 F			01
R103	VV065500	Metal Film Resistor	10K 1/4 F			01
R104	VV065500	Metal Film Resistor	10K 1/4 F			01
R105	VV065600	Metal Film Resistor	11K 1/4 F			05
R106	VV065700	Metal Film Resistor	18K 1/4 F			05
R107	VV065800	Metal Film Resistor	20K 1/4 F			05
R108	VV065800	Metal Film Resistor	20K 1/4 F			05
R109	VV065700	Metal Film Resistor	18K 1/4 F			05
R110	HF454750	Carbon Resistor	75.0 1/4 J			01
R111	HF454750	Carbon Resistor	75.0 1/4 J			01
R112	HF458100	Carbon Resistor	100.0K 1/4 J			01
R113	HF458100	Carbon Resistor	100.0K 1/4 J			01
R114	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R115	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R201	HF458220	Carbon Resistor	220.0K 1/4 J			01
R202	VV065500	Metal Film Resistor	10K 1/4 F			01
-204	VV065500	Metal Film Resistor	10K 1/4 F			01
R205	VV065600	Metal Film Resistor	11K 1/4 F			05
R206	VV065700	Metal Film Resistor	18K 1/4 F			05
R207	VV065800	Metal Film Resistor	20K 1/4 F			05
R208	VV065800	Metal Film Resistor	20K 1/4 F			05
R209	VV065700	Metal Film Resistor	18K 1/4 F			05
R210	HF454750	Carbon Resistor	75.0 1/4 J			01
R211	HF454750	Carbon Resistor	75.0 1/4 J			01
R212	HF458100	Carbon Resistor	100.0K 1/4 J			01
R213	HF458100	Carbon Resistor	100.0K 1/4 J			01
R214	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R215	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R301	HF458220	Carbon Resistor	220.0K 1/4 J			01
R302	VV065500	Metal Film Resistor	10K 1/4 F			01
-304	VV065500	Metal Film Resistor	10K 1/4 F			01
R305	VV065600	Metal Film Resistor	11K 1/4 F			05
R306	VV065700	Metal Film Resistor	18K 1/4 F			05

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R307	VV065800	Metal Film Resistor	20K 1/4 F			05
R308	VV065800	Metal Film Resistor	20K 1/4 F			05
R309	VV065700	Metal Film Resistor	18K 1/4 F			
R310	HF454750	Carbon Resistor	75.0 1/4 J			01
R311	HF454750	Carbon Resistor	75.0 1/4 J			01
R312	HF458100	Carbon Resistor	100.0K 1/4 J			01
R313	HF458100	Carbon Resistor	100.0K 1/4 J			01
R314	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R315	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R401	HF458220	Carbon Resistor	220.0K 1/4 J			01
R402	VV065500	Metal Film Resistor	10K 1/4 F			01
-404	VV065500	Metal Film Resistor	10K 1/4 F			01
R405	VV065600	Metal Film Resistor	11K 1/4 F			05
R406	VV065700	Metal Film Resistor	18K 1/4 F			
R407	VV065800	Metal Film Resistor	20K 1/4 F			05
R408	VV065800	Metal Film Resistor	20K 1/4 F			05
R409	VV065700	Metal Film Resistor	18K 1/4 F			
R410	HF454750	Carbon Resistor	75.0 1/4 J			01
R411	HF454750	Carbon Resistor	75.0 1/4 J			01
R412	HF458100	Carbon Resistor	100.0K 1/4 J			01
R413	HF458100	Carbon Resistor	100.0K 1/4 J			01
R414	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R415	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
	NX819730	Circuit Board	ONLDSW	(XU209D0)		
	VV291400	Jumper Wire	0.6		32	01
C101	UJ866470	Electrolytic Cap.	4.7 50.0V			01
C102	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C103	UJ847100	Electrolytic Cap.	10.00 25.0V			01
CN141	VG207700	Connector	5533-NAPB 10P SE			02
IC101	XS046A00	IC	BA682A	LED DRIVER		06
K101	V2403600	PCB Hold Angle Bracket				02
LD101	V3091900	LED	Green LT032141BAC GR	SIGNAL		01
LD102	V3092000	LED	Yellow LT033141BAC YE	NOMINAL		01
LD103	V3091800	LED	Red LT311G41BAC RE	PEAK		01
LD104	V3092000	LED	Yellow LT033141BAC YE	ON		01
LD105	V3091900	LED	Green LT032141BAC GR	CHECK		01
Q101	IA 101590	Transistor	2SA1015 O.Y			01
Q102	IA 101590	Transistor	2SA1015 O.Y			01
R101	HF457680	Carbon Resistor	68.0K 1/4 J			01
R102	HF457100	Carbon Resistor	10.0K 1/4 J			01
R103	HF458240	Carbon Resistor	240.0K 1/4 J			01
R104	HF455270	Carbon Resistor	270.0 1/4 J			01
R105	HF457470	Carbon Resistor	47.0K 1/4 J			01
R106	HF457220	Carbon Resistor	22.0K 1/4 J			01
R107	HF456470	Carbon Resistor	4.7K 1/4 J			01
R108	HF457470	Carbon Resistor	47.0K 1/4 J			01
R109	HF457470	Carbon Resistor	47.0K 1/4 J			01
SW101	V2373700	Push Switch	SPUN NON LOCK	ON/EDIT		03
VR101	V2347800	Trimmer Potentiometer	B 47K 3P TB625M	NOMINAL Adj.		01
	V4768800	Circuit Board	STBUS	(XW960B0)		
CN161	VV066600	Connector Base Post	M2426XX 6P TE			01
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066700	Connector Base Post	M2426XX 7P TE			01
CN171	VV066600	Connector Base Post	M2426XX 6P TE			01
CN172	VV066600	Connector Base Post	M2426XX 6P TE			01
CN201	VK217500	Receptacle	FJ 12P			02
-205	VK217500	Receptacle	FJ 12P			02
CN211	VL548900	Short Plug	FJ 12P			02
-217	VL548900	Short Plug	FJ 12P			02
K201	V2402600	Terminal Angle Bracket				01
-203	V2402600	Terminal Angle Bracket				01
K211	V2402600	Terminal Angle Bracket				01
-213	V2402600	Terminal Angle Bracket				01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
	AAX14900	Circuit Board	STCTRL	(XW956B0)		
C101	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C102	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C103	VV062800	Mylar Capacitor	0.1 50V J			01
C104	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C105	VV062800	Mylar Capacitor	0.1 50V J			01
C106	UJ847470	Electrolytic Cap.	47.00 25.0V			01
-108	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C109	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C110	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C111	UJ828100	Electrolytic Cap.	100.00 10.0V			01
C112	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C205	VV062800	Mylar Capacitor	0.1 50V J			01
C206	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C301	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C302	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C303	VV062800	Mylar Capacitor	0.1 50V J			01
C304	VZ354600	Monolithic Ceramic Cap.	0.1 50V Z			01
C305	VV062800	Mylar Capacitor	0.1 50V J			01
C306	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C307	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C308	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C309	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C405	VV062800	Mylar Capacitor	0.1 50V J			01
C406	UJ847470	Electrolytic Cap.	47.00 25.0V			01
CN131	VV066400	Connector Base Post	M2426XX 4P TE			01
-134	VV066400	Connector Base Post	M2426XX 4P TE			01
CN141	VG207800	Connector	5532-NA 10P TE			01
-144	VG207800	Connector	5532-NA 10P TE			01
CN151	VV066500	Connector Base Post	M2426XX 5P TE			01
CN152	VV066400	Connector Base Post	M2426XX 4P TE			01
CN169	VV066400	Connector Base Post	M2426XX 4P TE			01
CN170	VV066700	Connector Base Post	M2426XX 7P TE			01
CN171	VV066600	Connector Base Post	M2426XX 6P TE			01
EM101	VV056900	Noise Filter	ZJSR5101-223TA			01
IC101	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC102	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC103	IR000200	IC	TC74HC02AP	NOR		03
IC301	XP451A00	IC	PM25 LZ95300	INTERFACE		04
IC302	XQ212A00	IC	NJM4558L-D	OP AMP		03
Q101	IC1815M0	Transistor	2SC1815 Y,GR			01
Q102	IC1815M0	Transistor	2SC1815 Y,GR			01
Q201	IC1815M0	Transistor	2SC1815 Y,GR			01
Q202	IC1815M0	Transistor	2SC1815 Y,GR			01
Q203	IC1815M0	Transistor	2SC1815 Y,GR			01
Q301	IC1815M0	Transistor	2SC1815 Y,GR			01
Q302	IC1815M0	Transistor	2SC1815 Y,GR			01
Q401	IC1815M0	Transistor	2SC1815 Y,GR			01
-403	IC1815M0	Transistor	2SC1815 Y,GR			01
R101	HF457100	Carbon Resistor	10.0K 1/4 J			01
R102	HF457100	Carbon Resistor	10.0K 1/4 J			01
R103	HF458100	Carbon Resistor	100.0K 1/4 J			01
R104	HF457180	Carbon Resistor	18.0K 1/4 J			01
R105	HF457180	Carbon Resistor	18.0K 1/4 J			01
R106	HF457130	Carbon Resistor	13.0K 1/4 J			01
R201	HF457100	Carbon Resistor	10.0K 1/4 J			01
R202	HF457100	Carbon Resistor	10.0K 1/4 J			01
R203	HF458100	Carbon Resistor	100.0K 1/4 J			01
R204	HF457180	Carbon Resistor	18.0K 1/4 J			01
R205	HF457180	Carbon Resistor	18.0K 1/4 J			01
R206	HF457130	Carbon Resistor	13.0K 1/4 J			01
R207	HF457120	Carbon Resistor	12.0K 1/4 J			01
R208	HF456150	Carbon Resistor	1.5K 1/4 J			01
R209	HF455100	Carbon Resistor	100.0 1/4 J			01
R301	HF457100	Carbon Resistor	10.0K 1/4 J			01
R302	HF457100	Carbon Resistor	10.0K 1/4 J			01
R303	HF458100	Carbon Resistor	100.0K 1/4 J			01
R304	HF457180	Carbon Resistor	18.0K 1/4 J			01
R305	HF457180	Carbon Resistor	18.0K 1/4 J			01
R306	HF457130	Carbon Resistor	13.0K 1/4 J			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R401	HF457100	Carbon Resistor	10.0K 1/4 J			01
R402	HF457100	Carbon Resistor	10.0K 1/4 J			01
R403	HF458100	Carbon Resistor	100.0K 1/4 J			01
R404	HF457180	Carbon Resistor	18.0K 1/4 J			01
R405	HF457180	Carbon Resistor	18.0K 1/4 J			01
R406	HF457130	Carbon Resistor	13.0K 1/4 J			01
R407	HF457120	Carbon Resistor	12.0K 1/4 J			01
R408	HF456150	Carbon Resistor	1.5K 1/4 J			01
R409	HF455100	Carbon Resistor	100.0 1/4 J			01
* V4768300		Circuit Board	STFDSW	(XW957B0)		
V4467500		Push Button	CD-GRAY/WHITE	VCA1-8	32	01
V4469400		Push Button	CL-GRAY/RED	PFL	4	01
VV307300		LED Spacer			36	01
C101	VV062400	Mylar Capacitor	0.047 50V J			01
C102	VV062800	Mylar Capacitor	0.1 50V J			01
C103	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C104	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C105	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C106	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C107	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C201	VV062400	Mylar Capacitor	0.047 50V J			01
C202	VV062800	Mylar Capacitor	0.1 50V J			01
C203	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C301	VV062400	Mylar Capacitor	0.047 50V J			01
C302	VV062800	Mylar Capacitor	0.1 50V J			01
C303	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C304	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C305	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C306	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C401	VV062400	Mylar Capacitor	0.047 50V J			01
C402	VV062800	Mylar Capacitor	0.1 50V J			01
C403	VZ353900	Ceramic Cap.-B	1000P 50V K			01
CN111	VV068400	Connector Base Post	M2426XXR 10P SE			01
-114	VV068400	Connector Base Post	M2426XXR 10P SE			01
CN152	VV066400	Connector Base Post	M2426XX 4P TE			01
CN167	VV066300	Connector Base Post	M2426XX 3P TE			01
CN168	VV066900	Connector Base Post	M2426XX 9P TE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D102	VD631600	Diode	1SS133,176,HSS104			01
D201	VD631600	Diode	1SS133,176,HSS104			01
D202	VD631600	Diode	1SS133,176,HSS104			01
D301	VD631600	Diode	1SS133,176,HSS104			01
D302	VD631600	Diode	1SS133,176,HSS104			01
D401	VD631600	Diode	1SS133,176,HSS104			01
D402	VD631600	Diode	1SS133,176,HSS104			01
IC101	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC301	XQ212A00	IC	NJM4558L-D	OP AMP		03
LD101	VV938100	LED	Yellow LT331-41-C13 YE	VCA1-8,PFL		01
-109	VV938100	LED	Yellow LT331-41-C13 YE			01
LD201	VV938100	LED	Yellow LT331-41-C13 YE	VCA1-8,PFL		01
-209	VV938100	LED	Yellow LT331-41-C13 YE			01
LD301	VV938100	LED	Yellow LT331-41-C13 YE	VCA1-8,PFL		01
-309	VV938100	LED	Yellow LT331-41-C13 YE			01
LD401	VV938100	LED	Yellow LT331-41-C13 YE	VCA1-8,PFL		01
-409	VV938100	LED	Yellow LT331-41-C13 YE			01
Q101	IC1815M0	Transistor	2SC1815Y,GR			01
Q102	IC1815M0	Transistor	2SC1815Y,GR			01
Q201	IC1815M0	Transistor	2SC1815Y,GR			01
Q202	IC1815M0	Transistor	2SC1815Y,GR			01
Q301	IC1815M0	Transistor	2SC1815Y,GR			01
Q302	IC1815M0	Transistor	2SC1815Y,GR			01
Q401	IC1815M0	Transistor	2SC1815Y,GR			01
Q402	IC1815M0	Transistor	2SC1815Y,GR			01
R101	V2348800	Metal Film Resistor	100K 1/4 F			01
-109	V2348800	Metal Film Resistor	100K 1/4 F			01
R110	HF457100	Carbon Resistor	10.0K 1/4 J			01
R111	HF456100	Carbon Resistor	1.0K 1/4 J			01
R112	HF457120	Carbon Resistor	12.0K 1/4 J			01
R113	HF456150	Carbon Resistor	1.5K 1/4 J			01

* New Parts

RANK: Japan only

M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R114	HF455100	Carbon Resistor	100.0 1/4 J			01
R115	HF457120	Carbon Resistor	12.0K 1/4 J			01
R116	HF456150	Carbon Resistor	1.5K 1/4 J			01
R117	HF455100	Carbon Resistor	100.0 1/4 J			01
R118	VV065700	Metal Film Resistor	18K 1/4 F			
R119	VV065700	Metal Film Resistor	18K 1/4 F			
R120	HF455100	Carbon Resistor	100.0 1/4 J			01
R201	V2348800	Metal Film Resistor	100K 1/4 F			01
-209	V2348800	Metal Film Resistor	100K 1/4 F			01
R210	HF457100	Carbon Resistor	10.0K 1/4 J			01
R211	HF456100	Carbon Resistor	1.0K 1/4 J			01
R212	HF457120	Carbon Resistor	12.0K 1/4 J			01
R213	HF456150	Carbon Resistor	1.5K 1/4 J			01
R214	HF455100	Carbon Resistor	100.0 1/4 J			01
R215	HF457120	Carbon Resistor	12.0K 1/4 J			01
R216	HF456150	Carbon Resistor	1.5K 1/4 J			01
R217	HF455100	Carbon Resistor	100.0 1/4 J			01
R218	VV065700	Metal Film Resistor	18K 1/4 F			
R219	VV065700	Metal Film Resistor	18K 1/4 F			
R220	HF455100	Carbon Resistor	100.0 1/4 J			01
R301	V2348800	Metal Film Resistor	100K 1/4 F			01
-309	V2348800	Metal Film Resistor	100K 1/4 F			01
R310	HF457100	Carbon Resistor	10.0K 1/4 J			01
R311	HF456100	Carbon Resistor	1.0K 1/4 J			01
R312	HF457120	Carbon Resistor	12.0K 1/4 J			01
R313	HF456150	Carbon Resistor	1.5K 1/4 J			01
R314	HF455100	Carbon Resistor	100.0 1/4 J			01
R315	HF457120	Carbon Resistor	12.0K 1/4 J			01
R316	HF456150	Carbon Resistor	1.5K 1/4 J			01
R317	HF455100	Carbon Resistor	100.0 1/4 J			01
R318	VV065700	Metal Film Resistor	18K 1/4 F			
R319	VV065700	Metal Film Resistor	18K 1/4 F			
R320	HF455100	Carbon Resistor	100.0 1/4 J			01
R401	V2348800	Metal Film Resistor	100K 1/4 F			01
-409	V2348800	Metal Film Resistor	100K 1/4 F			01
R410	HF457100	Carbon Resistor	10.0K 1/4 J			01
R411	HF456100	Carbon Resistor	1.0K 1/4 J			01
R412	HF457120	Carbon Resistor	12.0K 1/4 J			01
R413	HF456150	Carbon Resistor	1.5K 1/4 J			01
R414	HF455100	Carbon Resistor	100.0 1/4 J			01
R415	HF457120	Carbon Resistor	12.0K 1/4 J			01
R416	HF456150	Carbon Resistor	1.5K 1/4 J			01
R417	HF455100	Carbon Resistor	100.0 1/4 J			01
R418	VV065700	Metal Film Resistor	18K 1/4 F			
R419	VV065700	Metal Film Resistor	18K 1/4 F			
R420	HF455100	Carbon Resistor	100.0 1/4 J			01
SW101	V2947300	Push Switch	ESB31L402	VCA1-8		02
-108	V2947300	Push Switch	ESB31L402			02
SW109	VZ251800	Push Switch	ESB68149	PFL		03
SW201	V2947300	Push Switch	ESB31L402	VCA1-8		02
-208	V2947300	Push Switch	ESB31L402			02
SW209	VZ251800	Push Switch	ESB68149	PFL		03
SW301	V2947300	Push Switch	ESB31L402	VCA1-8		02
-308	V2947300	Push Switch	ESB31L402			02
SW309	VZ251800	Push Switch	ESB68149	PFL		03
SW401	V2947300	Push Switch	ESB31L402	VCA1-8		02
-408	V2947300	Push Switch	ESB31L402			02
SW409	VZ251800	Push Switch	ESB68149	PFL		03
VR101	V2695900	Slide Variable Resistor	D 10.0K*2 RSA0N121	Fader		09
VR201	V2695900	Slide Variable Resistor	D 10.0K*2 RSA0N121	Fader		09
VR301	V2695900	Slide Variable Resistor	D 10.0K*2 RSA0N121	Fader		09
VR401	V2695900	Slide Variable Resistor	D 10.0K*2 RSA0N121	Fader		09
	V5287200	Circuit Board	STHAEQ	(XU203D0)		
	EP600190	Bind Head Tapping Screw-B	3.0X8 MFZN2BL		5	01
	V2309800	VR Angle Bracket				03
	V4467500	Push Button	CD-GRAY/WHITE	A/B		01
	V4467700	Push Button	MX-GREEN/WHITE	HI-MID Q, LO-MID Q, EQ	3	01
C101	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C102	UJ847100	Electrolytic Cap.	10.00 25.0V			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C103	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C104	VZ353600	Ceramic Cap.-B	220P 50V K			01
C105	VZ353800	Ceramic Cap.-B	470P 50V K			01
C106	VZ353800	Ceramic Cap.-B	470P 50V K			01
C107	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C108	VZ353600	Ceramic Cap.-B	220P 50V K			01
C109	VZ352700	Ceramic Capacitor-SL	10P 50V J			01
C110	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C111	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C112	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C113	VV330700	Electrolytic Cap.-SM	470.00 10.0V			01
C114	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C115	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C116	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C117	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C118	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C119	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C120	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C121	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C122	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C123	V2347300	Mylar Capacitor	3000P 50V J			01
C124	V2347300	Mylar Capacitor	3000P 50V J			01
C125	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C126	V2347400	Mylar Capacitor	7500P 50V J			01
C127	V2347400	Mylar Capacitor	7500P 50V J			01
C128	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C129	V2347500	Mylar Capacitor	0.036U 50V J			01
C130	V2347500	Mylar Capacitor	0.036U 50V J			01
C131	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C132	VV062800	Mylar Capacitor	0.1 50V J			01
C133	VV062800	Mylar Capacitor	0.1 50V J			01
C134	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C135	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C136	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C137	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C138	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C139	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C140	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C145	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C146	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C147	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C148	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C149	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C150	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C151	VZ353600	Ceramic Cap.-B	220P 50V K			01
C152	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C153	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C154	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C155	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C156	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C159	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C160	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C161	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C178	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C179	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C180	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C181	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C182	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C183	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C201	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C202	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C203	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C204	VZ353600	Ceramic Cap.-B	220P 50V K			01
C205	VZ353800	Ceramic Cap.-B	470P 50V K			01
C206	VZ353800	Ceramic Cap.-B	470P 50V K			01
C207	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C208	VZ353600	Ceramic Cap.-B	220P 50V K			01
C209	VZ352700	Ceramic Capacitor-SL	10P 50V J			01
C210	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C211	UJ847100	Electrolytic Cap.	10.00 25.0V			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C212	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C213	VV330700	Electrolytic Cap.-SM	470.00 10.0V			01
C214	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C215	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C216	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C217	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C218	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C219	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C220	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C221	VZ353000	Ceramic Capacitor-SL	33P 50V J			01
C222	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C223	V2347300	Mylar Capacitor	3000P 50V J			01
C224	V2347300	Mylar Capacitor	3000P 50V J			01
C225	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C226	V2347400	Mylar Capacitor	7500P 50V J			01
C227	V2347400	Mylar Capacitor	7500P 50V J			01
C228	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C229	V2347500	Mylar Capacitor	0.036U 50V J			01
C230	V2347500	Mylar Capacitor	0.036U 50V J			01
C231	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C232	VV062800	Mylar Capacitor	0.1 50V J			01
C233	VV062800	Mylar Capacitor	0.1 50V J			01
C234	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C235	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C236	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C237	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C238	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C239	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C240	UJ847100	Electrolytic Cap.	10.00 25.0V			01
-245	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C246	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C247	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C248	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C249	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C250	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C251	VZ353600	Ceramic Cap.-B	220P 50V K			01
C252	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C253	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C254	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C255	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C256	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
-259	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C260	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C261	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C262	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C265	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-278	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C282	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C283	UJ847100	Electrolytic Cap.	10.00 25.0V			01
CN101	VV067000	Connector Base Post	M2426XX 10P TE			01
CN111	VV068800	Connector Base Post	M2426XXR 14P SE			01
CN151	VV067900	Connector Base Post	M2426XXR 5P SE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D201	VD631600	Diode	1SS133,176,HSS104			01
IC101	XM356A00	IC	NJM2068L-D	OP AMP		02
-107	XM356A00	IC	NJM2068L-D	OP AMP		02
IC108	XU119A00	IC	SSM2018TP	VCA		09
IC109	XF195A00	IC	NJM4580L	OP AMP		04
IC110	XF195A00	IC	NJM4580L	OP AMP		04
IC201	XM356A00	IC	NJM2068L-D	OP AMP		02
IC203	XM356A00	IC	NJM2068L-D	OP AMP		02
-207	XM356A00	IC	NJM2068L-D	OP AMP		02
IC208	XU119A00	IC	SSM2018TP	VCA		09
IC209	XF195A00	IC	NJM4580L	OP AMP		04
IC210	XF195A00	IC	NJM4580L	OP AMP		04
JK101	VS763000	XLM Connector	NC3FAHR1-0	INPUT A(L)		03
JK102	VZ661100	Pin Connector	HSP-252	INPUT B		02
JK201	VS763000	XLM Connector	NC3FAHR1-0	INPUT A(R)		03
K101	VV075700	Terminal Plate				01
K103	VB966900	Style Pin	IMS-A-6024			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R101	HF458100	Carbon Resistor	100.0K 1/4 J			01
R102	HF458100	Carbon Resistor	100.0K 1/4 J			01
R103	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R104	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R105	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R106	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R107	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R108	HF459470	Carbon Resistor	4.7M 1/4 J			01
R109	HF454390	Carbon Resistor	39.0 1/4 J			01
R110	HF458220	Carbon Resistor	220.0K 1/4 J			01
R111	HF458100	Carbon Resistor	100.0K 1/4 J			01
R112	HF457100	Carbon Resistor	10.0K 1/4 J			01
R113	HF456220	Carbon Resistor	2.2K 1/4 J			01
R114	HF455220	Carbon Resistor	220.0 1/4 J			01
R115	V2348300	Metal Film Resistor	270 1/4 F			01
R116	HF457150	Carbon Resistor	15.0K 1/4 J			01
R117	HF454390	Carbon Resistor	39.0 1/4 J			01
R118	HF458220	Carbon Resistor	220.0K 1/4 J			01
R119	HF458220	Carbon Resistor	220.0K 1/4 J			01
R120	VZ009900	Metal Film Resistor	15K 1/4 F			01
-123	VZ009900	Metal Film Resistor	15K 1/4 F			01
R124	HF454100	Carbon Resistor	10.0 1/4 J			01
R125	HF458220	Carbon Resistor	220.0K 1/4 J			01
R126	HF454100	Carbon Resistor	10.0 1/4 J			01
R127	HF456680	Carbon Resistor	6.8K 1/4 J			01
R128	HF456680	Carbon Resistor	6.8K 1/4 J			01
R129	HF456270	Carbon Resistor	2.7K 1/4 J			01
R130	HF454100	Carbon Resistor	10.0 1/4 J			01
R131	HF456270	Carbon Resistor	2.7K 1/4 J			01
R132	HF454100	Carbon Resistor	10.0 1/4 J			01
R133	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R134	V3029000	Metal Film Resistor	1K 1/4 F			01
R135	V2348600	Metal Film Resistor	3K 1/4 F			01
R136	HF457300	Carbon Resistor	30.0K 1/4 J			01
R137	HF457220	Carbon Resistor	22.0K 1/4 J			01
R138	HF456680	Carbon Resistor	6.8K 1/4 J			01
R139	HF456270	Carbon Resistor	2.7K 1/4 J			01
R140	HF456430	Carbon Resistor	4.3K 1/4 J			01
R141	HF456270	Carbon Resistor	2.7K 1/4 J			01
R142	HF456430	Carbon Resistor	4.3K 1/4 J			01
R143	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R144	V3029000	Metal Film Resistor	1K 1/4 F			01
R145	V2348600	Metal Film Resistor	3K 1/4 F			01
R146	HF457300	Carbon Resistor	30.0K 1/4 J			01
R147	HF457220	Carbon Resistor	22.0K 1/4 J			01
R148	HF456680	Carbon Resistor	6.8K 1/4 J			01
R149	HF456330	Carbon Resistor	3.3K 1/4 J			01
R150	HF456220	Carbon Resistor	2.2K 1/4 J			01
R151	HF456330	Carbon Resistor	3.3K 1/4 J			01
R152	HF456220	Carbon Resistor	2.2K 1/4 J			01
R153	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R154	V3029000	Metal Film Resistor	1K 1/4 F			01
R155	V2348600	Metal Film Resistor	3K 1/4 F			01
R156	HF456680	Carbon Resistor	6.8K 1/4 J			01
R157	HF456680	Carbon Resistor	6.8K 1/4 J			01
R158	HF456180	Carbon Resistor	1.8K 1/4 J			01
R159	HF457300	Carbon Resistor	30.0K 1/4 J			01
R160	HF456180	Carbon Resistor	1.8K 1/4 J			01
R161	HF457300	Carbon Resistor	30.0K 1/4 J			01
R162	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R163	V3029000	Metal Film Resistor	1K 1/4 F			01
R164	V2348600	Metal Film Resistor	3K 1/4 F			01
R165	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R166	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R167	HF458150	Carbon Resistor	150.0K 1/4 J			01
R169	HF454100	Carbon Resistor	10.0 1/4 J			01
R170	V2348500	Metal Film Resistor	2.7K 1/4 F			01
R171	VV312400	Metal Film Resistor	3.9K 1/4 F			01
R172	HF455220	Carbon Resistor	220.0 1/4 J			01
R173	HF457470	Carbon Resistor	47.0K 1/4 J			01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R174	HF455220	Carbon Resistor	220.0 1/4 J			01
R175	HF456430	Carbon Resistor	4.3K 1/4 J			01
R176	HF457100	Carbon Resistor	10.0K 1/4 J			01
R177	HF454100	Carbon Resistor	10.0 1/4 J			01
R178	HF458100	Carbon Resistor	100.0K 1/4 J			01
R179	HF458220	Carbon Resistor	220.0K 1/4 J			01
R180	HF455220	Carbon Resistor	220.0 1/4 J			01
R181	HF457470	Carbon Resistor	47.0K 1/4 J			01
R182	HF455220	Carbon Resistor	220.0 1/4 J			01
R183	HF456120	Carbon Resistor	1.2K 1/4 J			01
R184	HF454100	Carbon Resistor	10.0 1/4 J			01
R185	HF458220	Carbon Resistor	220.0K 1/4 J			01
R186	HF458220	Carbon Resistor	220.0K 1/4 J			01
R187	HF457150	Carbon Resistor	15.0K 1/4 J			01
R188	HF457150	Carbon Resistor	15.0K 1/4 J			01
R189	HF457100	Carbon Resistor	10.0K 1/4 J			01
R190	HF457150	Carbon Resistor	15.0K 1/4 J			01
R191	HF457160	Carbon Resistor	16.0K 1/4 J			01
R192	HF454100	Carbon Resistor	10.0 1/4 J			01
R193	HF458100	Carbon Resistor	100.0K 1/4 J			01
R201	HF458100	Carbon Resistor	100.0K 1/4 J			01
R202	HF458100	Carbon Resistor	100.0K 1/4 J			01
R203	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R204	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R205	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R206	VV065200	Metal Film Resistor	4.7K 1/4 F			05
R207	V2348400	Metal Film Resistor	1.5K 1/4 F			01
R208	HF459470	Carbon Resistor	4.7M 1/4 J			01
R209	HF454390	Carbon Resistor	39.0 1/4 J			01
R210	HF458220	Carbon Resistor	220.0K 1/4 J			01
R211	HF458100	Carbon Resistor	100.0K 1/4 J			01
R212	HF457100	Carbon Resistor	10.0K 1/4 J			01
R213	HF456220	Carbon Resistor	2.2K 1/4 J			01
R214	HF455220	Carbon Resistor	220.0 1/4 J			01
R215	V2348300	Metal Film Resistor	270 1/4 F			01
R216	HF457150	Carbon Resistor	15.0K 1/4 J			01
R217	HF454390	Carbon Resistor	39.0 1/4 J			01
R218	HF458220	Carbon Resistor	220.0K 1/4 J			01
R219	HF458220	Carbon Resistor	220.0K 1/4 J			01
R220	VZ009900	Metal Film Resistor	15K 1/4 F			01
-223	VZ009900	Metal Film Resistor	15K 1/4 F			01
R224	HF454100	Carbon Resistor	10.0 1/4 J			01
R225	HF458220	Carbon Resistor	220.0K 1/4 J			01
R226	HF454100	Carbon Resistor	10.0 1/4 J			01
R227	HF456680	Carbon Resistor	6.8K 1/4 J			01
R228	HF456680	Carbon Resistor	6.8K 1/4 J			01
R229	HF456270	Carbon Resistor	2.7K 1/4 J			01
R230	HF454100	Carbon Resistor	10.0 1/4 J			01
R231	HF456270	Carbon Resistor	2.7K 1/4 J			01
R232	HF454100	Carbon Resistor	10.0 1/4 J			01
R233	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R234	V3029000	Metal Film Resistor	1K 1/4 F			01
R235	V2348600	Metal Film Resistor	3K 1/4 F			01
R236	HF457300	Carbon Resistor	30.0K 1/4 J			01
R237	HF457220	Carbon Resistor	22.0K 1/4 J			01
R238	HF456680	Carbon Resistor	6.8K 1/4 J			01
R239	HF456270	Carbon Resistor	2.7K 1/4 J			01
R240	HF456430	Carbon Resistor	4.3K 1/4 J			01
R241	HF456270	Carbon Resistor	2.7K 1/4 J			01
R242	HF456430	Carbon Resistor	4.3K 1/4 J			01
R243	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R244	V3029000	Metal Film Resistor	1K 1/4 F			01
R245	V2348600	Metal Film Resistor	3K 1/4 F			01
R246	HF457300	Carbon Resistor	30.0K 1/4 J			01
R247	HF457220	Carbon Resistor	22.0K 1/4 J			01
R248	HF456680	Carbon Resistor	6.8K 1/4 J			01
R249	HF456330	Carbon Resistor	3.3K 1/4 J			01
R250	HF456220	Carbon Resistor	2.2K 1/4 J			01
R251	HF456330	Carbon Resistor	3.3K 1/4 J			01
R252	HF456220	Carbon Resistor	2.2K 1/4 J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R253	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R254	V3029000	Metal Film Resistor	1K 1/4 F			01
R255	V2348600	Metal Film Resistor	3K 1/4 F			01
R256	HF456680	Carbon Resistor	6.8K 1/4 J			01
R257	HF456680	Carbon Resistor	6.8K 1/4 J			01
R258	HF456180	Carbon Resistor	1.8K 1/4 J			01
R259	HF457300	Carbon Resistor	30.0K 1/4 J			01
R260	HF456180	Carbon Resistor	1.8K 1/4 J			01
R261	HF457300	Carbon Resistor	30.0K 1/4 J			01
R262	V4660300	Metal Film Resistor	2.0K 1/5 F			01
R263	V3029000	Metal Film Resistor	1K 1/4 F			01
R264	V2348600	Metal Film Resistor	3K 1/4 F			01
R265	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R266	VH007800	Metal Film Resistor	18.0K 1/4 F			01
R267	HF458150	Carbon Resistor	150.0K 1/4 J			01
R269	HF454100	Carbon Resistor	10.0 1/4 J			01
R270	V2348500	Metal Film Resistor	2.7K 1/4 F			01
R271	VV312400	Metal Film Resistor	3.9K 1/4 F			01
R272	HF455220	Carbon Resistor	220.0 1/4 J			01
R273	HF457470	Carbon Resistor	47.0K 1/4 J			01
R274	HF455220	Carbon Resistor	220.0 1/4 J			01
R275	HF456430	Carbon Resistor	4.3K 1/4 J			01
R276	HF457100	Carbon Resistor	10.0K 1/4 J			01
R277	HF454100	Carbon Resistor	10.0 1/4 J			01
R278	HF458100	Carbon Resistor	100.0K 1/4 J			01
R279	HF458220	Carbon Resistor	220.0K 1/4 J			01
R280	HF455220	Carbon Resistor	220.0 1/4 J			01
R281	HF457470	Carbon Resistor	47.0K 1/4 J			01
R282	HF455220	Carbon Resistor	220.0 1/4 J			01
R283	HF456120	Carbon Resistor	1.2K 1/4 J			01
R284	HF454100	Carbon Resistor	10.0 1/4 J			01
R285	HF458220	Carbon Resistor	220.0K 1/4 J			01
R286	HF458220	Carbon Resistor	220.0K 1/4 J			01
R287	HF457150	Carbon Resistor	15.0K 1/4 J			01
R288	HF457150	Carbon Resistor	15.0K 1/4 J			01
R289	HF457100	Carbon Resistor	10.0K 1/4 J			01
R290	HF457150	Carbon Resistor	15.0K 1/4 J			01
R291	HF457160	Carbon Resistor	16.0K 1/4 J			01
R292	HF454100	Carbon Resistor	10.0 1/4 J			01
R293	HF458100	Carbon Resistor	100.0K 1/4 J			01
RY101	VM640200	Relay	DC RY 12W-OH-K			05
RY201	VM640200	Relay	DC RY 12W-OH-K			05
SW101	VQ901900	Push Switch	SPUN19-2N-W H6.5	A/B, HI-MID Q, LO-MID Q, EQ		03
-104	VQ901900	Push Switch	SPUN19-2N-W H6.5			03
VR101	VZ659800	Rotary Variable Resistor	T 150K EVJCY5F0	GAIN A, GAIN B, HI, HI-MID,		03
-106	VZ659600	Rotary Variable Resistor	W 50K RK097121	LOW-MID, LOW		04
*	V5287000	Circuit Board	STVRBS	(XU204C0)		
	V4467500	Push Button	CD-GRAY/WHITE	M1-M4, PRE, M5-M8, PRE	40	01
	V4467800	Push Button	MX-BLUE/WHITE	M9-M12, PRE, M13/14,	32	01
	V4468000	Push Button	RED/WHITE	M15/16, PRE	4	01
	V4469300	Push Button	CD-GRAY/WHITE	ST	4	01
	VV307300	LED Spacer		VARIABLE/FIX	4	01
C110	UJ847470	Electrolytic Cap.	47.00 25.0V			01
CN101	VV067000	Connector Base Post	M2426XX 10P TE			01
-104	VV067000	Connector Base Post	M2426XX 10P TE			01
CN161	VV066600	Connector Base Post	M2426XX 6P TE			01
-165	VV066600	Connector Base Post	M2426XX 6P TE			01
CN166	VV066900	Connector Base Post	M2426XX 9P TE			01
CN172	VV066600	Connector Base Post	M2426XX 6P TE			01
LD501	VV938100	LED	LT331-41-C13 YE	VARIABLE/FIX		01
-504	VV938100	LED	LT331-41-C13 YE			01
Q501	IC1815M0	Transistor	2SC1815Y,GR			01
R101	HF457100	Carbon Resistor	10.0K 1/4 J			01
R102	VV065700	Metal Film Resistor	18K 1/4 F			
R103	VV065700	Metal Film Resistor	18K 1/4 F			
R104	HF457100	Carbon Resistor	10.0K 1/4 J			01
R105	VV065700	Metal Film Resistor	18K 1/4 F			
R106	VV065700	Metal Film Resistor	18K 1/4 F			

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R107	HF457100	Carbon Resistor	10.0K 1/4 J			01
R108	VV065700	Metal Film Resistor	18K 1/4 F			
R109	VV065700	Metal Film Resistor	18K 1/4 F			
R110	HF457100	Carbon Resistor	10.0K 1/4 J			01
R111	VV065700	Metal Film Resistor	18K 1/4 F			
R112	VV065700	Metal Film Resistor	18K 1/4 F			
R113	HF457100	Carbon Resistor	10.0K 1/4 J			01
R114	VV065700	Metal Film Resistor	18K 1/4 F			
R115	VV065700	Metal Film Resistor	18K 1/4 F			
R116	HF457100	Carbon Resistor	10.0K 1/4 J			01
R117	VV065700	Metal Film Resistor	18K 1/4 F			
R118	VV065700	Metal Film Resistor	18K 1/4 F			
R119	HF457100	Carbon Resistor	10.0K 1/4 J			01
R120	VV065700	Metal Film Resistor	18K 1/4 F			
R121	VV065700	Metal Film Resistor	18K 1/4 F			
R122	HF457100	Carbon Resistor	10.0K 1/4 J			01
R123	VV065700	Metal Film Resistor	18K 1/4 F			
R124	VV065700	Metal Film Resistor	18K 1/4 F			
R125	HF457100	Carbon Resistor	10.0K 1/4 J			01
R126	VV065700	Metal Film Resistor	18K 1/4 F			
R127	HF457100	Carbon Resistor	10.0K 1/4 J			01
R128	VV065700	Metal Film Resistor	18K 1/4 F			
R129	HF457100	Carbon Resistor	10.0K 1/4 J			01
R130	VV065700	Metal Film Resistor	18K 1/4 F			
R131	HF457100	Carbon Resistor	10.0K 1/4 J			01
R132	VV065700	Metal Film Resistor	18K 1/4 F			
-138	VV065700	Metal Film Resistor	18K 1/4 F			
R139	HF457200	Carbon Resistor	20.0K 1/4 J			01
-142	HF457200	Carbon Resistor	20.0K 1/4 J			01
R201	HF457100	Carbon Resistor	10.0K 1/4 J			01
R202	VV065700	Metal Film Resistor	18K 1/4 F			
R203	VV065700	Metal Film Resistor	18K 1/4 F			
R204	HF457100	Carbon Resistor	10.0K 1/4 J			01
R205	VV065700	Metal Film Resistor	18K 1/4 F			
R206	VV065700	Metal Film Resistor	18K 1/4 F			
R207	HF457100	Carbon Resistor	10.0K 1/4 J			01
R208	VV065700	Metal Film Resistor	18K 1/4 F			
R209	VV065700	Metal Film Resistor	18K 1/4 F			
R210	HF457100	Carbon Resistor	10.0K 1/4 J			01
R211	VV065700	Metal Film Resistor	18K 1/4 F			
R212	VV065700	Metal Film Resistor	18K 1/4 F			
R213	HF457100	Carbon Resistor	10.0K 1/4 J			01
R214	VV065700	Metal Film Resistor	18K 1/4 F			
R215	VV065700	Metal Film Resistor	18K 1/4 F			
R216	HF457100	Carbon Resistor	10.0K 1/4 J			01
R217	VV065700	Metal Film Resistor	18K 1/4 F			
R218	VV065700	Metal Film Resistor	18K 1/4 F			
R219	HF457100	Carbon Resistor	10.0K 1/4 J			01
R220	VV065700	Metal Film Resistor	18K 1/4 F			
R221	VV065700	Metal Film Resistor	18K 1/4 F			
R222	HF457100	Carbon Resistor	10.0K 1/4 J			01
R223	VV065700	Metal Film Resistor	18K 1/4 F			
R224	VV065700	Metal Film Resistor	18K 1/4 F			
R225	HF457100	Carbon Resistor	10.0K 1/4 J			01
R226	VV065700	Metal Film Resistor	18K 1/4 F			
R227	HF457100	Carbon Resistor	10.0K 1/4 J			01
R228	VV065700	Metal Film Resistor	18K 1/4 F			
R229	HF457100	Carbon Resistor	10.0K 1/4 J			01
R230	VV065700	Metal Film Resistor	18K 1/4 F			
R231	HF457100	Carbon Resistor	10.0K 1/4 J			01
R232	VV065700	Metal Film Resistor	18K 1/4 F			
R233	VV065700	Metal Film Resistor	18K 1/4 F			
R234	VV065700	Metal Film Resistor	18K 1/4 F			
R235	VV065700	Metal Film Resistor	18K 1/4 F			
R236	VV065700	Metal Film Resistor	18K 1/4 F			
R237	VV065700	Metal Film Resistor	18K 1/4 F			
R238	VV065700	Metal Film Resistor	18K 1/4 F			
R239	HF457200	Carbon Resistor	20.0K 1/4 J			01
-242	HF457200	Carbon Resistor	20.0K 1/4 J			01
R301	HF457100	Carbon Resistor	10.0K 1/4 J			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R302	VV065700	Metal Film Resistor	18K 1/4 F			
R303	VV065700	Metal Film Resistor	18K 1/4 F			
R304	HF457100	Carbon Resistor	10.0K 1/4 J			01
R305	VV065700	Metal Film Resistor	18K 1/4 F			
R306	VV065700	Metal Film Resistor	18K 1/4 F			
R307	HF457100	Carbon Resistor	10.0K 1/4 J			01
R308	VV065700	Metal Film Resistor	18K 1/4 F			
R309	VV065700	Metal Film Resistor	18K 1/4 F			
R310	HF457100	Carbon Resistor	10.0K 1/4 J			01
R311	VV065700	Metal Film Resistor	18K 1/4 F			
R312	VV065700	Metal Film Resistor	18K 1/4 F			
R313	HF457100	Carbon Resistor	10.0K 1/4 J			01
R314	VV065700	Metal Film Resistor	18K 1/4 F			
R315	VV065700	Metal Film Resistor	18K 1/4 F			
R316	HF457100	Carbon Resistor	10.0K 1/4 J			01
R317	VV065700	Metal Film Resistor	18K 1/4 F			
R318	VV065700	Metal Film Resistor	18K 1/4 F			
R319	HF457100	Carbon Resistor	10.0K 1/4 J			01
R320	VV065700	Metal Film Resistor	18K 1/4 F			
R321	VV065700	Metal Film Resistor	18K 1/4 F			
R322	HF457100	Carbon Resistor	10.0K 1/4 J			01
R323	VV065700	Metal Film Resistor	18K 1/4 F			
R324	VV065700	Metal Film Resistor	18K 1/4 F			
R325	HF457100	Carbon Resistor	10.0K 1/4 J			01
R326	VV065700	Metal Film Resistor	18K 1/4 F			
R327	HF457100	Carbon Resistor	10.0K 1/4 J			01
R328	VV065700	Metal Film Resistor	18K 1/4 F			
R329	HF457100	Carbon Resistor	10.0K 1/4 J			01
R330	VV065700	Metal Film Resistor	18K 1/4 F			
R331	HF457100	Carbon Resistor	10.0K 1/4 J			01
R332	VV065700	Metal Film Resistor	18K 1/4 F			
-338	VV065700	Metal Film Resistor	18K 1/4 F			
R339	HF457200	Carbon Resistor	20.0K 1/4 J			01
-342	HF457200	Carbon Resistor	20.0K 1/4 J			01
R401	HF457100	Carbon Resistor	10.0K 1/4 J			01
R402	VV065700	Metal Film Resistor	18K 1/4 F			
R403	VV065700	Metal Film Resistor	18K 1/4 F			
R404	HF457100	Carbon Resistor	10.0K 1/4 J			01
R405	VV065700	Metal Film Resistor	18K 1/4 F			
R406	VV065700	Metal Film Resistor	18K 1/4 F			
R407	HF457100	Carbon Resistor	10.0K 1/4 J			01
R408	VV065700	Metal Film Resistor	18K 1/4 F			
R409	VV065700	Metal Film Resistor	18K 1/4 F			
R410	HF457100	Carbon Resistor	10.0K 1/4 J			01
R411	VV065700	Metal Film Resistor	18K 1/4 F			
R412	VV065700	Metal Film Resistor	18K 1/4 F			
R413	HF457100	Carbon Resistor	10.0K 1/4 J			01
R414	VV065700	Metal Film Resistor	18K 1/4 F			
R415	VV065700	Metal Film Resistor	18K 1/4 F			
R416	HF457100	Carbon Resistor	10.0K 1/4 J			01
R417	VV065700	Metal Film Resistor	18K 1/4 F			
R418	VV065700	Metal Film Resistor	18K 1/4 F			
R419	HF457100	Carbon Resistor	10.0K 1/4 J			01
R420	VV065700	Metal Film Resistor	18K 1/4 F			
R421	VV065700	Metal Film Resistor	18K 1/4 F			
R422	HF457100	Carbon Resistor	10.0K 1/4 J			01
R423	VV065700	Metal Film Resistor	18K 1/4 F			
R424	VV065700	Metal Film Resistor	18K 1/4 F			
R425	HF457100	Carbon Resistor	10.0K 1/4 J			01
R426	VV065700	Metal Film Resistor	18K 1/4 F			
R427	HF457100	Carbon Resistor	10.0K 1/4 J			01
R428	VV065700	Metal Film Resistor	18K 1/4 F			
R429	HF457100	Carbon Resistor	10.0K 1/4 J			01
R430	VV065700	Metal Film Resistor	18K 1/4 F			
R431	HF457100	Carbon Resistor	10.0K 1/4 J			01
R432	VV065700	Metal Film Resistor	18K 1/4 F			
-438	VV065700	Metal Film Resistor	18K 1/4 F			
R439	HF457200	Carbon Resistor	20.0K 1/4 J			01
-442	HF457200	Carbon Resistor	20.0K 1/4 J			01
R501	HF457120	Carbon Resistor	12.0K 1/4 J			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R502	HF456150	Carbon Resistor	1.5K 1/4 J			01
R503	HF455100	Carbon Resistor	100.0 1/4 J			01
SW101	V2947300	Push Switch	ESB31L402	M1-M12,M13/14,		02
-119	V2947300	Push Switch	ESB31L402	M15/16,PRE		02
SW201	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14		02
-219	V2947300	Push Switch	ESB31L402	M15/16,PRE		02
SW301	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-319	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW401	V2947300	Push Switch	ESB31L402	M1-M12,M13/M14,		02
-419	V2947300	Push Switch	ESB31L402	M15/M16,PRE		02
SW501	V2947300	Push Switch	ESB31L402	VARIABLE/FIX		02
-504	V2947300	Push Switch	ESB31L402			02
VR101	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12		01
-112	VZ660000	Rotary Variable Resistor	B 20K RK09D113			01
VR113	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M13/M14		02
VR114	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR115	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M15/M16		02
VR116	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR117	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR201	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12		01
-212	VZ660000	Rotary Variable Resistor	B 20K RK09D113			01
VR213	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M13/M14		02
VR214	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR215	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M15/M16		02
VR216	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR217	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR301	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12		01
-312	VZ660000	Rotary Variable Resistor	B 20K RK09D113			01
VR313	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M13/M14		02
VR314	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR315	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M15/M16		02
VR316	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR317	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR401	VZ660000	Rotary Variable Resistor	B 20K RK09D113	M1-M12		01
-412	VZ660000	Rotary Variable Resistor	B 20K RK09D113			01
VR413	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M13/M14		02
VR414	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR415	VZ660100	Rotary Variable Resistor	B 20K RK12L12C	M15/M16		02
VR416	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
VR417	VZ610800	Rotary Variable Resistor	AC 20K RK12L123	BAL		03
	V4768900	Circuit Board	SUBIN	(XW961B0)		
C101	VZ353600	Ceramic Cap.-B	220P 50V K			01
C102	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C103	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C104	VZ353600	Ceramic Cap.-B	220P 50V K			01
C105	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C106	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C107	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C108	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C109	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C110	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C111	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-114	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C115	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C131	VZ353600	Ceramic Cap.-B	220P 50V K			01
C132	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C133	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C134	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C135	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C136	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C137	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C161	VZ353600	Ceramic Cap.-B	220P 50V K			01
C162	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C163	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C164	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C165	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C166	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C167	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C168	VZ353900	Ceramic Cap.-B	1000P 50V K			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C201	VZ353600	Ceramic Cap.-B	220P 50V K			01
C202	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C203	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C204	VZ353600	Ceramic Cap.-B	220P 50V K			01
C205	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C206	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C207	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C208	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C209	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C210	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C211	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C212	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C231	VZ353600	Ceramic Cap.-B	220P 50V K			01
C232	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C233	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C234	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C235	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C236	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C237	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C261	VZ353600	Ceramic Cap.-B	220P 50V K			01
C262	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C263	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C264	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C265	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C266	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C267	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C301	VZ353600	Ceramic Cap.-B	220P 50V K			01
C302	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C303	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C304	VZ353600	Ceramic Cap.-B	220P 50V K			01
C305	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C306	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C307	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C308	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C309	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C310	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C311	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-314	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C331	VZ353600	Ceramic Cap.-B	220P 50V K			01
C332	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C333	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C334	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C335	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C336	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C337	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C361	VZ353600	Ceramic Cap.-B	220P 50V K			01
C362	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C363	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C364	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C365	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C401	VZ353600	Ceramic Cap.-B	220P 50V K			01
C402	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C403	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C404	VZ353600	Ceramic Cap.-B	220P 50V K			01
C405	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C406	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C407	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C408	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C409	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C410	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C411	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C412	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C431	VZ353600	Ceramic Cap.-B	220P 50V K			01
C432	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C433	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C434	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C435	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C436	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C437	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C461	VZ353600	Ceramic Cap.-B	220P 50V K			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C462	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C463	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C501	VZ353600	Ceramic Cap.-B	220P 50V K			01
C502	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C503	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C504	VZ353600	Ceramic Cap.-B	220P 50V K			01
C505	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C506	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C507	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C508	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C509	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C510	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C511	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-514	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C515	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C531	VZ353600	Ceramic Cap.-B	220P 50V K			01
C532	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C533	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C534	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C535	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C536	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C537	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C538	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C601	VZ353600	Ceramic Cap.-B	220P 50V K			01
C602	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C603	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C604	VZ353600	Ceramic Cap.-B	220P 50V K			01
C605	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C606	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C607	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C608	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C609	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C610	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C611	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C612	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C631	VZ353600	Ceramic Cap.-B	220P 50V K			01
C632	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C633	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C634	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C635	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C636	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C637	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C701	VZ353600	Ceramic Cap.-B	220P 50V K			01
C702	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C703	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C704	VZ353600	Ceramic Cap.-B	220P 50V K			01
C705	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C706	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C707	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C708	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C709	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C710	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C711	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-714	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C731	VZ353600	Ceramic Cap.-B	220P 50V K			01
C732	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C733	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C734	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C735	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C736	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C737	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C738	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C801	VZ353600	Ceramic Cap.-B	220P 50V K			01
C802	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C803	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C804	VZ353600	Ceramic Cap.-B	220P 50V K			01
C805	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C806	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C807	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C808	VZ353500	Ceramic Capacitor-SL	100P 50V J			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C809	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C810	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C811	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C812	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C831	VZ353600	Ceramic Cap.-B	220P 50V K			01
C832	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C833	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C834	VZ353200	Ceramic Capacitor-SL	47P 50V J			01
C835	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C836	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C837	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C901	UJ659100	Electrolytic Cap.	1000 35.0V			02
C902	UJ659100	Electrolytic Cap.	1000 35.0V			02
C903	VV062800	Mylar Capacitor	0.1 50V J			01
C904	UJ659100	Electrolytic Cap.	1000 35.0V			02
C905	UJ659100	Electrolytic Cap.	1000 35.0V			02
C906	VV062800	Mylar Capacitor	0.1 50V J			01
C907	UJ867470	Electrolytic Cap.	47.00 50.0V			01
C908	VV062800	Mylar Capacitor	0.1 50V J			01
C909	UJ639220	Electrolytic Cap.	2200 16.0V			02
C910	VV062800	Mylar Capacitor	0.1 50V J			01
C911	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C912	VV062800	Mylar Capacitor	0.1 50V J			01
C913	VV062800	Mylar Capacitor	0.1 50V J			01
C914	UJ838220	Electrolytic Cap.	220.00 16.0V			01
C915	UJ838220	Electrolytic Cap.	220.00 16.0V			01
CN006	--	Connector Assembly	1018&2426 4P 250L	(V523200)		
CN101	V2957300	Connector Assembly	SUBIN1 ASSY			05
CN104	V2957400	Connector Assembly	SUBIN2 ASSY			04
CN106	VV066400	Connector Base Post	M2426XX 4P TE			01
CN108	VV067200	Connector Base Post	M2426XX 12P TE			01
CN109	VV066800	Connector Base Post	M2426XX 8P TE			01
CN111	VZ005700	Terminal	TP82223-22			01
-114	VZ005700	Terminal	TP82223-22			01
CN115	LB932020	Base Post Connector	VH- 2P TE			01
CN201	VK217500	Reseptacle	FJ 12P			02
-207	VK217500	Reseptacle	FJ 12P			02
CN211	VV068600	Connector Base Post	M2426XXR 12P SE			01
-216	VV068600	Connector Base Post	M2426XXR 12P SE			01
CN221	VV066400	Connector Base Post	M2426XX 4P TE			01
CN222	VV066300	Connector Base Post	M2426XX 3P TE			01
CN223	VV067200	Connector Base Post	M2426XX 12P TE			01
CN224	VV067200	Connector Base Post	M2426XX 12P TE			01
CN225	VV066800	Connector Base Post	M2426XX 8P TE			01
CN226	VV066900	Connector Base Post	M2426XX 9P TE			01
CN227	VV067000	Connector Base Post	M2426XX 10P TE			01
CN228	VV066900	Connector Base Post	M2426XX 9P TE			01
CN229	VV066600	Connector Base Post	M2426XX 6P TE			01
CN230	VV066600	Connector Base Post	M2426XX 6P TE			01
CN301	VV066700	Connector Base Post	M2426XX 7P TE			01
-304	VV066700	Connector Base Post	M2426XX 7P TE			01
CN311	VV066400	Connector Base Post	M2426XX 4P TE			01
CN315	VV066300	Connector Base Post	M2426XX 3P TE			01
CN316	VV066900	Connector Base Post	M2426XX 9P TE			01
CN332	VV066700	Connector Base Post	M2426XX 7P TE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D301	VD631600	Diode	1SS133,176,HSS104			01
D501	VD631600	Diode	1SS133,176,HSS104			01
D701	VD631600	Diode	1SS133,176,HSS104			01
EM901	VV056900	Noise Filter	ZJSR5101-223TA			01
-903	VV056900	Noise Filter	ZJSR5101-223TA			01
F101	V2696300	Fuse	SIP 4A 125V J/U/C			01
-109	V2696300	Fuse	SIP 4A 125V J/U/C			01
IC101	XM356A00	IC	NJM2068L-D	OP AMP		02
IC102	XM356A00	IC	NJM2068L-D	OP AMP		02
IC131	XM356A00	IC	NJM2068L-D	OP AMP		02
IC161	XM356A00	IC	NJM2068L-D	OP AMP		02
IC201	XM356A00	IC	NJM2068L-D	OP AMP		02
IC231	XM356A00	IC	NJM2068L-D	OP AMP		02
IC261	XM356A00	IC	NJM2068L-D	OP AMP		02

*: New Parts

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M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
IC301	XM356A00	IC	NJM2068L-D	OP AMP		02
IC302	XM356A00	IC	NJM2068L-D	OP AMP		02
IC331	XM356A00	IC	NJM2068L-D	OP AMP		02
IC361	XM356A00	IC	NJM2068L-D	OP AMP		02
IC401	XM356A00	IC	NJM2068L-D	OP AMP		02
IC431	XM356A00	IC	NJM2068L-D	OP AMP		02
IC501	XM356A00	IC	NJM2068L-D	OP AMP		02
IC502	XM356A00	IC	NJM2068L-D	OP AMP		02
IC531	XM356A00	IC	NJM2068L-D	OP AMP		02
IC601	XM356A00	IC	NJM2068L-D	OP AMP		02
IC631	XM356A00	IC	NJM2068L-D	OP AMP		02
IC701	XM356A00	IC	NJM2068L-D	OP AMP		02
IC702	XM356A00	IC	NJM2068L-D	OP AMP		02
IC731	XM356A00	IC	NJM2068L-D	OP AMP		02
IC801	XM356A00	IC	NJM2068L-D	OP AMP		02
IC831	XM356A00	IC	NJM2068L-D	OP AMP		02
IC901	XJ607A00	IC	NJM7805FA	REGULATOR +5V		02
JK101	VZ661000	Phone Jack	JY-6313	MIX SUB IN		02
-116	VZ661000	Phone Jack	JY-6313			02
JK117	VZ661000	Phone Jack	JY-6313	ST SUB IN		02
JK118	VZ661000	Phone Jack	JY-6313	ST SUB IN		02
JK119	VZ661000	Phone Jack	JY-6313	CUE SUB IN		02
JK120	VZ661000	Phone Jack	JY-6313	CUE SUB IN		02
K101	--	Holder, Phone Jack		(VZ70940)		
-110	--	Holder, Phone Jack		(VZ70940)		
K111	VB966900	Style Pin	IMSA-6024			01
-113	VB966900	Style Pin	IMSA-6024			01
K114	V2402600	Terminal Angle Bracket				01
K115	V2402600	Terminal Angle Bracket				01
K116	VB966900	Style Pin	IMSA-6024			01
-126	VB966900	Style Pin	IMSA-6024			01
K201	V2402600	Terminal Angle Bracket				01
-203	V2402600	Terminal Angle Bracket				01
K211	V2402600	Terminal Angle Bracket				01
-213	V2402600	Terminal Angle Bracket				01
R101	V2430100	Metal Film Resistor	62K 1/4 F			01
R102	V2348700	Metal Film Resistor	36K 1/4 F			01
R103	V2348700	Metal Film Resistor	36K 1/4 F			01
R104	HF454100	Carbon Resistor	10.0 1/4 J			01
R105	HF458220	Carbon Resistor	220.0K 1/4 J			01
R106	V2348100	Metal Film Resistor	30K 1/4 F			01
R107	VV065700	Metal Film Resistor	18K 1/4 F			01
R108	VV065700	Metal Film Resistor	18K 1/4 F			01
R109	HF454100	Carbon Resistor	10.0 1/4 J			01
R110	HF458220	Carbon Resistor	220.0K 1/4 J			01
R111	HF458220	Carbon Resistor	220.0K 1/4 J			01
R112	HF457100	Carbon Resistor	10.0K 1/4 J			01
-114	HF454100	Carbon Resistor	10.0 1/4 J			01
R115	HF458100	Carbon Resistor	100.0K 1/4 J			01
R131	V2430100	Metal Film Resistor	62K 1/4 F			01
R132	V2348700	Metal Film Resistor	36K 1/4 F			01
R133	V2348700	Metal Film Resistor	36K 1/4 F			01
R134	HF457100	Carbon Resistor	10.0K 1/4 J			01
-136	HF454100	Carbon Resistor	10.0 1/4 J			01
R137	HF458100	Carbon Resistor	100.0K 1/4 J			01
R161	V2348100	Metal Film Resistor	30K 1/4 F			01
R162	VV065700	Metal Film Resistor	18K 1/4 F			01
R163	VV065700	Metal Film Resistor	18K 1/4 F			01
R164	HF457100	Carbon Resistor	10.0K 1/4 J			01
-166	HF454100	Carbon Resistor	10.0 1/4 J			01
R167	HF458100	Carbon Resistor	100.0K 1/4 J			01
R201	V2430100	Metal Film Resistor	62K 1/4 F			01
R202	V2348700	Metal Film Resistor	36K 1/4 F			01
R203	V2348700	Metal Film Resistor	36K 1/4 F			01
R204	HF454100	Carbon Resistor	10.0 1/4 J			01
R205	HF458220	Carbon Resistor	220.0K 1/4 J			01
R206	V2348100	Metal Film Resistor	30K 1/4 F			01
R207	VV065700	Metal Film Resistor	18K 1/4 F			01
R208	VV065700	Metal Film Resistor	18K 1/4 F			01
R209	HF454100	Carbon Resistor	10.0 1/4 J			01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION	REMARKS	QTY	RANK
R210	HF458220	Carbon Resistor	220.0K 1/4 J		01
R211	HF458220	Carbon Resistor	220.0K 1/4 J		01
R212	HF457100	Carbon Resistor	10.0K 1/4 J		01
-214	HF454100	Carbon Resistor	10.0 1/4 J		01
R215	HF458100	Carbon Resistor	100.0K 1/4 J		01
R231	V2430100	Metal Film Resistor	62K 1/4 F		01
R232	V2348700	Metal Film Resistor	36K 1/4 F		01
R233	V2348700	Metal Film Resistor	36K 1/4 F		01
R234	HF457100	Carbon Resistor	10.0K 1/4 J		01
-236	HF454100	Carbon Resistor	10.0 1/4 J		01
R237	HF458100	Carbon Resistor	100.0K 1/4 J		01
R261	V2348100	Metal Film Resistor	30K 1/4 F		01
R262	VV065700	Metal Film Resistor	18K 1/4 F		01
R263	VV065700	Metal Film Resistor	18K 1/4 F		01
R264	HF457100	Carbon Resistor	10.0K 1/4 J		01
-266	HF454100	Carbon Resistor	10.0 1/4 J		01
R267	HF458100	Carbon Resistor	100.0K 1/4 J		01
R301	V2430100	Metal Film Resistor	62K 1/4 F		01
R302	V2348700	Metal Film Resistor	36K 1/4 F		01
R303	V2348700	Metal Film Resistor	36K 1/4 F		01
R304	HF454100	Carbon Resistor	10.0 1/4 J		01
R305	HF458220	Carbon Resistor	220.0K 1/4 J		01
R306	V2348100	Metal Film Resistor	30K 1/4 F		01
R307	VV065700	Metal Film Resistor	18K 1/4 F		01
R308	VV065700	Metal Film Resistor	18K 1/4 F		01
R309	HF454100	Carbon Resistor	10.0 1/4 J		01
R310	HF458220	Carbon Resistor	220.0K 1/4 J		01
R311	HF458220	Carbon Resistor	220.0K 1/4 J		01
R312	HF457100	Carbon Resistor	10.0K 1/4 J		01
-314	HF454100	Carbon Resistor	10.0 1/4 J		01
R315	HF458100	Carbon Resistor	100.0K 1/4 J		01
R331	V2430100	Metal Film Resistor	62K 1/4 F		01
R332	V2348700	Metal Film Resistor	36K 1/4 F		01
R333	V2348700	Metal Film Resistor	36K 1/4 F		01
R334	HF457100	Carbon Resistor	10.0K 1/4 J		01
-336	HF454100	Carbon Resistor	10.0 1/4 J		01
R337	HF458100	Carbon Resistor	100.0K 1/4 J		01
R361	V2348100	Metal Film Resistor	30K 1/4 F		01
R362	VV065700	Metal Film Resistor	18K 1/4 F		01
R363	HF454100	Carbon Resistor	10.0 1/4 J		01
R364	HF458100	Carbon Resistor	100.0K 1/4 J		01
R401	V2430100	Metal Film Resistor	62K 1/4 F		01
R402	V2348700	Metal Film Resistor	36K 1/4 F		01
R403	V2348700	Metal Film Resistor	36K 1/4 F		01
R404	HF454100	Carbon Resistor	10.0 1/4 J		01
R405	HF458220	Carbon Resistor	220.0K 1/4 J		01
R406	V2348100	Metal Film Resistor	30K 1/4 F		01
R407	VV065700	Metal Film Resistor	18K 1/4 F		01
R408	VV065700	Metal Film Resistor	18K 1/4 F		01
R409	HF454100	Carbon Resistor	10.0 1/4 J		01
R410	HF458220	Carbon Resistor	220.0K 1/4 J		01
R411	HF458220	Carbon Resistor	220.0K 1/4 J		01
R412	HF457100	Carbon Resistor	10.0K 1/4 J		01
-414	HF454100	Carbon Resistor	10.0 1/4 J		01
R415	HF458100	Carbon Resistor	100.0K 1/4 J		01
R431	V2430100	Metal Film Resistor	62K 1/4 F		01
R432	V2348700	Metal Film Resistor	36K 1/4 F		01
R433	V2348700	Metal Film Resistor	36K 1/4 F		01
R434	HF457100	Carbon Resistor	10.0K 1/4 J		01
-436	HF454100	Carbon Resistor	10.0 1/4 J		01
R437	HF458100	Carbon Resistor	100.0K 1/4 J		01
R461	V2348100	Metal Film Resistor	30K 1/4 F		01
R462	VV065700	Metal Film Resistor	18K 1/4 F		01
R463	HF454100	Carbon Resistor	10.0 1/4 J		01
R464	HF458100	Carbon Resistor	100.0K 1/4 J		01
R501	V2430100	Metal Film Resistor	62K 1/4 F		01
R502	V2348700	Metal Film Resistor	36K 1/4 F		01
R503	V2348700	Metal Film Resistor	36K 1/4 F		01
R504	HF454100	Carbon Resistor	10.0 1/4 J		01
R505	HF458220	Carbon Resistor	220.0K 1/4 J		01

* New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R506	V2348100	Metal Film Resistor	30K 1/4 F			01
R507	VV065700	Metal Film Resistor	18K 1/4 F			
R508	VV065700	Metal Film Resistor	18K 1/4 F			
R509	HF454100	Carbon Resistor	10.0 1/4 J			01
R510	HF458220	Carbon Resistor	220.0K 1/4 J			01
R511	HF458220	Carbon Resistor	220.0K 1/4 J			01
R512	HF457100	Carbon Resistor	10.0K 1/4 J			01
-514	HF454100	Carbon Resistor	10.0 1/4 J			01
R515	HF458100	Carbon Resistor	100.0K 1/4 J			01
R531	V2430100	Metal Film Resistor	62K 1/4 F			01
R532	V2348700	Metal Film Resistor	36K 1/4 F			01
R533	V2348700	Metal Film Resistor	36K 1/4 F			01
R534	HF457100	Carbon Resistor	10.0K 1/4 J			01
-536	HF454100	Carbon Resistor	10.0 1/4 J			01
R537	HF458100	Carbon Resistor	100.0K 1/4 J			01
R601	V2430100	Metal Film Resistor	62K 1/4 F			01
R602	V2348700	Metal Film Resistor	36K 1/4 F			01
R603	V2348700	Metal Film Resistor	36K 1/4 F			01
R604	HF454100	Carbon Resistor	10.0 1/4 J			01
R605	HF458220	Carbon Resistor	220.0K 1/4 J			01
R606	V2348100	Metal Film Resistor	30K 1/4 F			01
R607	VV065700	Metal Film Resistor	18K 1/4 F			
R608	VV065700	Metal Film Resistor	18K 1/4 F			
R609	HF454100	Carbon Resistor	10.0 1/4 J			01
R610	HF458220	Carbon Resistor	220.0K 1/4 J			01
R611	HF458220	Carbon Resistor	220.0K 1/4 J			01
R612	HF457100	Carbon Resistor	10.0K 1/4 J			01
-614	HF454100	Carbon Resistor	10.0 1/4 J			01
R615	HF458100	Carbon Resistor	100.0K 1/4 J			01
R631	V2430100	Metal Film Resistor	62K 1/4 F			01
R632	V2348700	Metal Film Resistor	36K 1/4 F			01
R633	V2348700	Metal Film Resistor	36K 1/4 F			01
R634	HF457100	Carbon Resistor	10.0K 1/4 J			01
-636	HF454100	Carbon Resistor	10.0 1/4 J			01
R637	HF458100	Carbon Resistor	100.0K 1/4 J			01
R701	V2430100	Metal Film Resistor	62K 1/4 F			01
R702	V2348700	Metal Film Resistor	36K 1/4 F			01
R703	V2348700	Metal Film Resistor	36K 1/4 F			01
R704	HF454100	Carbon Resistor	10.0 1/4 J			01
R705	HF458220	Carbon Resistor	220.0K 1/4 J			01
R706	V2348100	Metal Film Resistor	30K 1/4 F			01
R707	VV065700	Metal Film Resistor	18K 1/4 F			
R708	VV065700	Metal Film Resistor	18K 1/4 F			
R709	HF454100	Carbon Resistor	10.0 1/4 J			01
R710	HF458220	Carbon Resistor	220.0K 1/4 J			01
R711	HF458220	Carbon Resistor	220.0K 1/4 J			01
R712	HF457100	Carbon Resistor	10.0K 1/4 J			01
-714	HF454100	Carbon Resistor	10.0 1/4 J			01
R715	HF458100	Carbon Resistor	100.0K 1/4 J			01
R731	V2430100	Metal Film Resistor	62K 1/4 F			01
R732	V2348700	Metal Film Resistor	36K 1/4 F			01
R733	V2348700	Metal Film Resistor	36K 1/4 F			01
R734	HF457100	Carbon Resistor	10.0K 1/4 J			01
-736	HF454100	Carbon Resistor	10.0 1/4 J			01
R737	HF458100	Carbon Resistor	100.0K 1/4 J			01
R801	V2430100	Metal Film Resistor	62K 1/4 F			01
R802	V2348700	Metal Film Resistor	36K 1/4 F			01
R803	V2348700	Metal Film Resistor	36K 1/4 F			01
R804	HF454100	Carbon Resistor	10.0 1/4 J			01
R805	HF458220	Carbon Resistor	220.0K 1/4 J			01
R806	V2348100	Metal Film Resistor	30K 1/4 F			01
R807	VV065700	Metal Film Resistor	18K 1/4 F			
R808	VV065700	Metal Film Resistor	18K 1/4 F			
R809	HF454100	Carbon Resistor	10.0 1/4 J			01
R810	HF458220	Carbon Resistor	220.0K 1/4 J			01
R811	HF458220	Carbon Resistor	220.0K 1/4 J			01
R812	HF457100	Carbon Resistor	10.0K 1/4 J			01
-814	HF454100	Carbon Resistor	10.0 1/4 J			01
R815	HF458100	Carbon Resistor	100.0K 1/4 J			01
R831	V2430100	Metal Film Resistor	62K 1/4 F			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R832	V2348700	Metal Film Resistor	36K 1/4 F			01
R833	V2348700	Metal Film Resistor	36K 1/4 F			01
R834	HF457100	Carbon Resistor	10.0K 1/4 J			01
-836	HF454100	Carbon Resistor	10.0 1/4 J			01
R837	HF458100	Carbon Resistor	100.0K 1/4 J			01
R901	HF457470	Carbon Resistor	47.0K 1/4 J			01
RY101	VM640200	Relay	DC RY 12W-OH-K			05
RY301	VM640200	Relay	DC RY 12W-OH-K			05
RY501	VM640200	Relay	DC RY 12W-OH-K			05
RY701	VM640200	Relay	DC RY 12W-OH-K			05
SW101	V4584400	Slide Switch	SSSF122NA1	ON/OFF		02
	V5286800	Circuit Board	VCAMAS	(XU218C0)		
	V4467500	Push Button	CD-GRAY/WHITE	MIX1/2-MIX15/16(VCA MUTE), METER SEL(M1-M8,M9-M16, MATRIX)	11	01
	VV307300	LED Spacer			19	01
C101	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C102	VZ353700	Ceramic Cap.-B	330P 50V K			01
C103	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-106	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C151	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C152	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C153	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C154	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C155	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C156	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C157	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C158	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C201	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C202	VZ353700	Ceramic Cap.-B	330P 50V K			01
C203	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-206	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C251	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C252	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C253	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C254	VZ353400	Ceramic Capacitor-SL	68P 50V J			01
C255	UJ847470	Electrolytic Cap.	47.00 25.0V			01
C301	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C302	VZ353700	Ceramic Cap.-B	330P 50V K			01
C303	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-306	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C351	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C352	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C353	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C354	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C355	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C356	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C357	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C358	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C359	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C360	VZ354000	Ceramic Capacitor-F	0.0100 50V Z			01
C401	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C402	VZ353700	Ceramic Cap.-B	330P 50V K			01
C403	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-406	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C451	UJ847100	Electrolytic Cap.	10.00 25.0V			01
C452	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C453	VZ353500	Ceramic Capacitor-SL	100P 50V J			01
C454	VZ352800	Ceramic Capacitor-SL	22P 50V J			01
C455	UJ838100	Electrolytic Cap.	100.00 16.0V			01
C456	VZ353900	Ceramic Cap.-B	1000P 50V K			01
C501	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C502	VZ353700	Ceramic Cap.-B	330P 50V K			01
C503	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-506	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C601	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C602	VZ353700	Ceramic Cap.-B	330P 50V K			01
C603	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-606	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01

* New Parts

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REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
C701	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C702	VZ353700	Ceramic Cap.-B	330P 50V K			01
C703	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-706	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C801	UJ866100	Electrolytic Cap.	1.00 50.0V			01
C802	VZ353700	Ceramic Cap.-B	330P 50V K			01
C803	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
-806	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C903	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C904	VZ354000	Ceramic Capacitor-F	0.01 50V Z			01
C951	UJ848100	Electrolytic Cap.	100.00 25.0V			01
C952	UJ848100	Electrolytic Cap.	100.00 25.0V			01
C953	UJ838100	Electrolytic Cap.	100.00 16.0V			01
CN124	VV066500	Connector Base Post	M2426XX 5P TE			01
CN131	VL548900	Short Plug	FJ 12P			02
CN228	VV066900	Connector Base Post	M2426XX 9P TE			01
CN317	VV066800	Connector Base Post	M2426XX 8P TE			01
CN351	V3098200	Connector Assembly	2426&1018 3P 60L			02
CN352	VV066300	Connector Base Post	M2426XX 3P TE			01
D101	VD631600	Diode	1SS133,176,HSS104			01
D102	VD631600	Diode	1SS133,176,HSS104			01
D201	VD631600	Diode	1SS133,176,HSS104			01
D202	VD631600	Diode	1SS133,176,HSS104			01
D301	VD631600	Diode	1SS133,176,HSS104			01
D302	VD631600	Diode	1SS133,176,HSS104			01
D401	VD631600	Diode	1SS133,176,HSS104			01
D402	VD631600	Diode	1SS133,176,HSS104			01
D501	VD631600	Diode	1SS133,176,HSS104			01
D502	VD631600	Diode	1SS133,176,HSS104			01
D601	VD631600	Diode	1SS133,176,HSS104			01
D602	VD631600	Diode	1SS133,176,HSS104			01
D701	VD631600	Diode	1SS133,176,HSS104			01
D702	VD631600	Diode	1SS133,176,HSS104			01
D801	VD631600	Diode	1SS133,176,HSS104			01
D802	VD631600	Diode	1SS133,176,HSS104			01
D951	VD631600	Diode	1SS133,176,HSS104			01
D952	VD631600	Diode	1SS133,176,HSS104			01
IC101	XF195A00	IC	NJM4580L	OP AMP		04
IC102	XM922A00	IC	NJM4558L	OP AMP		01
IC102	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC151	XF195A00	IC	NJM4580L	OP AMP		04
IC201	XF195A00	IC	NJM4580L	OP AMP		04
IC202	XM922A00	IC	NJM4558L	OP AMP		01
IC202	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC301	XF195A00	IC	NJM4580L	OP AMP		04
IC302	XM922A00	IC	NJM4558L	OP AMP		01
IC302	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC351	XP844A00	IC	NJM4556AL	OP AMP		02
IC401	XF195A00	IC	NJM4580L	OP AMP		04
IC402	XM922A00	IC	NJM4558L	OP AMP		01
IC402	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC501	XF195A00	IC	NJM4580L	OP AMP		04
IC502	XM922A00	IC	NJM4558L	OP AMP		01
IC502	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC601	XF195A00	IC	NJM4580L	OP AMP		04
IC602	XM922A00	IC	NJM4558L	OP AMP		01
IC602	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC701	XF195A00	IC	NJM4580L	OP AMP		04
IC702	XM922A00	IC	NJM4558L	OP AMP		01
IC702	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC801	XF195A00	IC	NJM4580L	OP AMP		04
IC802	XM922A00	IC	NJM4558L	OP AMP		01
IC802	XQ212A00	IC	NJM4558L-D	OP AMP		03
IC901	XF195A00	IC	NJM4580L	OP AMP		04
JK351	V2954500	Phone Jack	LJ-0695-4R-A	PHONES		02
LD101	VV620800	LED	Red LT311G-41-C13 RE	VCA MUTE		01
LD102	VV621000	LED	Green LT321-41-C13 GR	NOMINAL		01
LD201	VV620800	LED	Red LT311G-41-C13 RE	VCA MUTE		01
LD202	VV621000	LED	Green LT321-41-C13 GR	NOMINAL		01
LD301	VV620800	LED	Red LT311G-41-C13 RE	VCA MUTE		01

*: New Parts

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REF NO.	PART NO.	DESCRIPTION			REMARKS	QTY	RANK
LD302	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD401	VV620800	LED	Red	LT311G-41-C13 RE	VCA MUTE		01
LD402	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD501	VV620800	LED	Red	LT311G-41-C13 RE	VCA MUTE		01
LD502	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD601	VV620800	LED	Red	LT311G-41-C13 RE	VCA MUTE		01
LD602	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD701	VV620800	LED	Red	LT311G-41-C13 RE	VCA MUTE		01
LD702	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD801	VV620800	LED	Red	LT311G-41-C13 RE	VCA MUTE		01
LD802	VV621000	LED	Green	LT321-41-C13 GR	NOMINAL		01
LD951	VV620800	LED	Red	LT311G-41-C13 RE	M1-M8		01
LD952	VV938100	LED	Yellow	LT331-41-C13 YE	M9-M16		01
LD953	VV621000	LED	Green	LT321-41-C13 GR	MATRIX		01
Q101	IA101590	Transistor		2SA1015 O.Y			01
Q201	IA101590	Transistor		2SA1015 O.Y			01
Q202	IC1815M0	Transistor		2SC1815 Y,GR			01
Q301	IA101590	Transistor		2SA1015 O.Y			01
Q401	IA101590	Transistor		2SA1015 O.Y			01
Q402	IC1815M0	Transistor		2SC1815 Y,GR			01
Q501	IA101590	Transistor		2SA1015 O.Y			01
Q601	IA101590	Transistor		2SA1015 O.Y			01
Q602	IC1815M0	Transistor		2SC1815 Y,GR			01
Q701	IA101590	Transistor		2SA1015 O.Y			01
Q801	IA101590	Transistor		2SA1015 O.Y			01
Q802	IC1815M0	Transistor		2SC1815 Y,GR			01
Q951	IA101590	Transistor		2SA1015 O.Y			01
-953	IA101590	Transistor		2SA1015 O.Y			01
R101	HF458470	Carbon Resistor		470.0K 1/4 J			01
R102	HF457100	Carbon Resistor		10.0K 1/4 J			01
R103	VV065500	Metal Film Resistor		10K 1/4 F			01
R104	V2348900	Metal Film Resistor		270K 1/4 F			01
R105	VV065500	Metal Film Resistor		10K 1/4 F			01
R106	V2348100	Metal Film Resistor		30K 1/4 F			01
R107	HF456100	Carbon Resistor		1.0K 1/4 J			01
R108	HF455100	Carbon Resistor		100.0 1/4 J			01
R109	HF457200	Carbon Resistor		20.0K 1/4 J			01
R110	HF454560	Carbon Resistor		56.0 1/4 J			01
R111	HF454560	Carbon Resistor		56.0 1/4 J			01
R112	HF457200	Carbon Resistor		20.0K 1/4 J			01
R113	HF458100	Carbon Resistor		100.0K 1/4 J			01
R114	HF457470	Carbon Resistor		47.0K 1/4 J			01
R151	HF455220	Carbon Resistor		220.0 1/4 J			01
R152	HF457470	Carbon Resistor		47.0K 1/4 J			01
R153	HF455220	Carbon Resistor		220.0 1/4 J			01
R154	HF456430	Carbon Resistor		4.3K 1/4 J			01
R155	HF457100	Carbon Resistor		10.0K 1/4 J			01
R156	HF454100	Carbon Resistor		10.0 1/4 J			01
R157	HF458100	Carbon Resistor		100.0K 1/4 J			01
R201	HF458470	Carbon Resistor		470.0K 1/4 J			01
R202	HF457100	Carbon Resistor		10.0K 1/4 J			01
R203	VV065500	Metal Film Resistor		10K 1/4 F			01
R204	V2348900	Metal Film Resistor		270K 1/4 F			01
R205	VV065500	Metal Film Resistor		10K 1/4 F			01
R206	V2348100	Metal Film Resistor		30K 1/4 F			01
R207	HF456100	Carbon Resistor		1.0K 1/4 J			01
R208	HF455100	Carbon Resistor		100.0 1/4 J			01
R209	HF457200	Carbon Resistor		20.0K 1/4 J			01
R210	HF454560	Carbon Resistor		56.0 1/4 J			01
R211	HF454560	Carbon Resistor		56.0 1/4 J			01
R212	HF457200	Carbon Resistor		20.0K 1/4 J			01
R213	HF458100	Carbon Resistor		100.0K 1/4 J			01
R214	HF457470	Carbon Resistor		47.0K 1/4 J			01
R215	HF457120	Carbon Resistor		12.0K 1/4 J			01
R216	HF456150	Carbon Resistor		1.5K 1/4 J			01
R217	HF455100	Carbon Resistor		100.0 1/4 J			01
R251	HF455220	Carbon Resistor		220.0 1/4 J			01
R252	HF457470	Carbon Resistor		47.0K 1/4 J			01
R253	HF455220	Carbon Resistor		220.0 1/4 J			01
R254	HF456430	Carbon Resistor		4.3K 1/4 J			01

* New Parts

RANK: Japan only

M3000A

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R255	HF457100	Carbon Resistor	10.0K 1/4 J			01
R256	HF454100	Carbon Resistor	10.0 1/4 J			01
R257	HF458100	Carbon Resistor	100.0K 1/4 J			01
R301	HF458470	Carbon Resistor	470.0K 1/4 J			01
R302	HF457100	Carbon Resistor	10.0K 1/4 J			01
R303	VV065500	Metal Film Resistor	10K 1/4 F			01
R304	V2348900	Metal Film Resistor	270K 1/4 F			01
R305	VV065500	Metal Film Resistor	10K 1/4 F			01
R306	V2348100	Metal Film Resistor	30K 1/4 F			01
R307	HF456100	Carbon Resistor	1.0K 1/4 J			01
R308	HF455100	Carbon Resistor	100.0 1/4 J			01
R309	HF457200	Carbon Resistor	20.0K 1/4 J			01
R310	HF454560	Carbon Resistor	56.0 1/4 J			01
R311	HF454560	Carbon Resistor	56.0 1/4 J			01
R312	HF457200	Carbon Resistor	20.0K 1/4 J			01
R313	HF458100	Carbon Resistor	100.0K 1/4 J			01
R314	HF457470	Carbon Resistor	47.0K 1/4 J			01
R351	HF455220	Carbon Resistor	220.0 1/4 J			01
R352	HF457180	Carbon Resistor	18.0K 1/4 J			01
R353	HF455220	Carbon Resistor	220.0 1/4 J			01
R354	HF456330	Carbon Resistor	3.3K 1/4 J			01
R355	HF457300	Carbon Resistor	30.0K 1/4 J			01
R356	HF455220	Carbon Resistor	220.0 1/4 J			01
R357	HF455220	Carbon Resistor	220.0 1/4 J			01
R358	HF458100	Carbon Resistor	100.0K 1/4 J			01
R359	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R360	VV058500	Flame Proof C. Resistor	10.0 1/4 J			01
R401	HF458470	Carbon Resistor	470.0K 1/4 J			01
R402	HF457100	Carbon Resistor	10.0K 1/4 J			01
R403	VV065500	Metal Film Resistor	10K 1/4 F			01
R404	V2348900	Metal Film Resistor	270K 1/4 F			01
R405	VV065500	Metal Film Resistor	10K 1/4 F			01
R406	V2348100	Metal Film Resistor	30K 1/4 F			01
R407	HF456100	Carbon Resistor	1.0K 1/4 J			01
R408	HF455100	Carbon Resistor	100.0 1/4 J			01
R409	HF457200	Carbon Resistor	20.0K 1/4 J			01
R410	HF454560	Carbon Resistor	56.0 1/4 J			01
R411	HF454560	Carbon Resistor	56.0 1/4 J			01
R412	HF457200	Carbon Resistor	20.0K 1/4 J			01
R413	HF458100	Carbon Resistor	100.0K 1/4 J			01
R414	HF457470	Carbon Resistor	47.0K 1/4 J			01
R415	HF457120	Carbon Resistor	12.0K 1/4 J			01
R416	HF456150	Carbon Resistor	1.5K 1/4 J			01
R417	HF455100	Carbon Resistor	100.0 1/4 J			01
R451	HF455220	Carbon Resistor	220.0 1/4 J			01
R452	HF457180	Carbon Resistor	18.0K 1/4 J			01
R453	HF455220	Carbon Resistor	220.0 1/4 J			01
R454	HF456330	Carbon Resistor	3.3K 1/4 J			01
R455	HF457300	Carbon Resistor	30.0K 1/4 J			01
R456	HF455220	Carbon Resistor	220.0 1/4 J			01
R457	HF455220	Carbon Resistor	220.0 1/4 J			01
R458	HF458100	Carbon Resistor	100.0K 1/4 J			01
R501	HF458470	Carbon Resistor	470.0K 1/4 J			01
R502	HF457100	Carbon Resistor	10.0K 1/4 J			01
R503	VV065500	Metal Film Resistor	10K 1/4 F			01
R504	V2348900	Metal Film Resistor	270K 1/4 F			01
R505	VV065500	Metal Film Resistor	10K 1/4 F			01
R506	V2348100	Metal Film Resistor	30K 1/4 F			01
R507	HF456100	Carbon Resistor	1.0K 1/4 J			01
R508	HF455100	Carbon Resistor	100.0 1/4 J			01
R509	HF457200	Carbon Resistor	20.0K 1/4 J			01
R510	HF454560	Carbon Resistor	56.0 1/4 J			01
R511	HF454560	Carbon Resistor	56.0 1/4 J			01
R512	HF457200	Carbon Resistor	20.0K 1/4 J			01
R513	HF458100	Carbon Resistor	100.0K 1/4 J			01
R514	HF457470	Carbon Resistor	47.0K 1/4 J			01
R601	HF458470	Carbon Resistor	470.0K 1/4 J			01
R602	HF457100	Carbon Resistor	10.0K 1/4 J			01
R603	VV065500	Metal Film Resistor	10K 1/4 F			01
R604	V2348900	Metal Film Resistor	270K 1/4 F			01

*: New Parts

RANK: Japan only

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
R605	VV065500	Metal Film Resistor	10K 1/4 F			01
R606	V2348100	Metal Film Resistor	30K 1/4 F			01
R607	HF456100	Carbon Resistor	1.0K 1/4 J			01
R608	HF455100	Carbon Resistor	100.0 1/4 J			01
R609	HF457200	Carbon Resistor	20.0K 1/4 J			01
R610	HF454560	Carbon Resistor	56.0 1/4 J			01
R611	HF454560	Carbon Resistor	56.0 1/4 J			01
R612	HF457200	Carbon Resistor	20.0K 1/4 J			01
R613	HF458100	Carbon Resistor	100.0K 1/4 J			01
R614	HF457470	Carbon Resistor	47.0K 1/4 J			01
R615	HF457120	Carbon Resistor	12.0K 1/4 J			01
R616	HF456150	Carbon Resistor	1.5K 1/4 J			01
R617	HF455100	Carbon Resistor	100.0 1/4 J			01
R701	HF458470	Carbon Resistor	470.0K 1/4 J			01
R702	HF457100	Carbon Resistor	10.0K 1/4 J			01
R703	VV065500	Metal Film Resistor	10K 1/4 F			01
R704	V2348900	Metal Film Resistor	270K 1/4 F			01
R705	VV065500	Metal Film Resistor	10K 1/4 F			01
R706	V2348100	Metal Film Resistor	30K 1/4 F			01
R707	HF456100	Carbon Resistor	1.0K 1/4 J			01
R708	HF455100	Carbon Resistor	100.0 1/4 J			01
R709	HF457200	Carbon Resistor	20.0K 1/4 J			01
R710	HF454560	Carbon Resistor	56.0 1/4 J			01
R711	HF454560	Carbon Resistor	56.0 1/4 J			01
R712	HF457200	Carbon Resistor	20.0K 1/4 J			01
R713	HF458100	Carbon Resistor	100.0K 1/4 J			01
R714	HF457470	Carbon Resistor	47.0K 1/4 J			01
R801	HF458470	Carbon Resistor	470.0K 1/4 J			01
R802	HF457100	Carbon Resistor	10.0K 1/4 J			01
R803	VV065500	Metal Film Resistor	10K 1/4 F			01
R804	V2348900	Metal Film Resistor	270K 1/4 F			01
R805	VV065500	Metal Film Resistor	10K 1/4 F			01
R806	V2348100	Metal Film Resistor	30K 1/4 F			01
R807	HF456100	Carbon Resistor	1.0K 1/4 J			01
R808	HF455100	Carbon Resistor	100.0 1/4 J			01
R809	HF457200	Carbon Resistor	20.0K 1/4 J			01
R810	HF454560	Carbon Resistor	56.0 1/4 J			01
R811	HF454560	Carbon Resistor	56.0 1/4 J			01
R812	HF457200	Carbon Resistor	20.0K 1/4 J			01
R813	HF458100	Carbon Resistor	100.0K 1/4 J			01
R814	HF457470	Carbon Resistor	47.0K 1/4 J			01
R815	HF457120	Carbon Resistor	12.0K 1/4 J			01
R816	HF456150	Carbon Resistor	1.5K 1/4 J			01
R817	HF455100	Carbon Resistor	100.0 1/4 J			01
R901	HF457150	Carbon Resistor	15.0K 1/4 J			01
R902	HF457330	Carbon Resistor	33.0K 1/4 J			01
R903	HF456100	Carbon Resistor	1.0K 1/4 J			01
R904	VV065800	Metal Film Resistor	20K 1/4 F			05
R905	V2430000	Metal Film Resistor	910 1/4 F			01
R906	VV065100	Metal Film Resistor	2.2K 1/4 F			01
R907	HF456100	Carbon Resistor	1.0K 1/4 J			01
R951	HF457470	Carbon Resistor	47.0K 1/4 J			01
-954	HF457470	Carbon Resistor	47.0K 1/4 J			01
R955	HF455470	Carbon Resistor	470.0 1/4 J			01
-957	HF455470	Carbon Resistor	470.0 1/4 J			01
R958	HF456220	Carbon Resistor	2.2K 1/4 J			01
R959	HF456220	Carbon Resistor	2.2K 1/4 J			01
R960	HF456470	Carbon Resistor	4.7K 1/4 J			01
SW101	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW201	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW301	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW401	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW501	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW601	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW701	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW801	V2947300	Push Switch	ESB31L402	VCA MUTE		02
SW951	V2947500	Push Switch	ESB31N402	M1-M8,M9-M16,		02
-953	V2947500	Push Switch	ESB31N402	MATRIX		02
* VR101	V5114900	Slide Variable Resistor	VCA15.8K RSA0N11S6	VCA Fader		02
VR151	VZ610900	Rotary Variable Resistor	A 20K RK12L12C	PHONES		02

* New Parts

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