

## SERVICE MANUAL

MODEL	JP	E3	E2	EK	K2A	E1C	E1K	EUT
DN-X900		✓	✓					

### DJ MIXER

MODEL	JP	E3	E2	EK	K2A	E1C	E1K	EUT
ACD-46		✓	✓					

### ROTARY FADER

#### 注 意

サービスをおこなう前に、このサービスマニュアルを必ずお読みください。

本機は、火災、感電、けがなどに対する安全性を確保するために、さまざまな配慮をおこなっており、また法的には「電気用品安全法」にもとづき、所定の許可を得て製造されています。

従ってサービスをおこなう際は、これらの安全性が維持されるよう、このサービスマニュアルに記載されている注意事項を必ずお守りください。

• For purposes of improvement, specifications and design are subject to change without notice.

• 本機の仕様は性能改良のため、予告なく変更することがあります。  
• 補修用性能部品の保有期間は、製造打切後8年です。

• Please use this service manual with referring to the operating instructions without fail.

• 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。

• Some illustrations using in this service manual are slightly different from the actual set.

• 本文中に使用しているイラストは、説明の都合上現物と多少異なる場合があります。

D&M Holdings Inc.

## SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

### LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

**CAUTION** Please heed the points listed below during servicing and inspection.

#### ◎ Heed the cautions!

Spots requiring particular attention when servicing, such as the cabinet, parts, chassis, etc., have cautions indicated on labels or seals. Be sure to heed these cautions and the cautions indicated in the handling instructions.

#### ◎ Caution concerning electric shock!


(1) An AC voltage is impressed on this set, so touching internal metal parts when the set is energized could cause electric shock. Take care to avoid electric shock, by for example using an isolating transformer and gloves when servicing while the set is energized, unplugging the power cord when replacing parts, etc.

(2) There are high voltage parts inside. Handle with extra care when the set is energized.

#### ◎ Caution concerning disassembly and assembly!

Though great care is taken when manufacturing parts from sheet metal, there may in some rare cases be burrs on the edges of parts which could cause injury if fingers are moved across them. Use gloves to protect your hands.

#### ◎ Only use designated parts!

The set's parts have specific safety properties (fire resistance, voltage resistance, etc.). For replacement parts, be sure to use parts which have the same properties. In particular, for the important safety parts that are marked  on wiring diagrams and parts lists, be sure to use the designated parts.

#### ◎ Be sure to mount parts and arrange the wires as they were originally!

For safety reasons, some parts use tape, tubes or other insulating materials, and some parts are mounted away from the surface of printed circuit boards. Care is also taken with the positions of the wires inside and clamps are used to keep wires away from heating and high voltage parts, so be sure to set everything back as it was originally.

#### ◎ Inspect for safety after servicing!


Check that all screws, parts and wires removed or disconnected for servicing have been put back in their original positions, inspect that no parts around the area that has been serviced have been negatively affected, conduct an insulation check on the external metal connectors and between the blades of the power plug, and otherwise check that safety is ensured.

(Insulation check procedure)

Unplug the power cord from the power outlet, disconnect the antenna, plugs, etc., and turn the power switch on. Using a 500V insulation resistance tester, check that the insulation resistance between the terminals of the power plug and the externally exposed metal parts (antenna terminal, headphones terminal, microphone terminal, input terminal, etc.) is 1MΩ or greater. If it is less, the set must be inspected and repaired.

### CAUTION Concerning important safety parts

Many of the electric and structural parts used in the set have special safety properties. In most cases these properties are difficult to distinguish by sight, and using replacement parts with higher ratings (rated power and withstand voltage) does not necessarily guarantee that safety performance will be preserved. Parts with safety properties are indicated as shown below on the wiring diagrams and parts lists in this service manual. Be sure to replace them with parts with the designated part number.

(1) Schematic diagrams ... Indicated by the  mark.

(2) Parts lists ... Indicated by the  mark.

Using parts other than the designated parts could result in electric shock, fires or other dangerous situations.

**注意** サービス、点検時にはつぎのことにご注意願います。

#### ◎ 注意事項をお守りください！

サービスのとき特に注意を必要とする個所についてはキャビネット、部品、シャーシなどにラベルや捺印で注意事項を表示しています。これらの注意書きおよび取扱説明書などの注意事項を必ずお守りください。

#### ◎ 感電に注意！


(1) このセットは、交流電圧が印加されていますので通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして感電にご注意ください。

(2) 内部には高電圧の部分がありますので、通電時の取扱には十分ご注意ください。

#### ◎ 分解、組み立て作業時のご注意！

板金部品の端面の『バリ』は、部品製造時に充分管理をしておりますが、板金端面は鋭利となっている箇所がありますので、部品端面に触れたまま指を動かすとまれに怪我をする場合がありますので十分注意して作業して下さい。手の保護のために手袋を着用して下さい。

#### ◎ 指定部品の使用！

セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用してください。特に配線図、部品表に  印で指定されている安全上重要な部品は必ず指定のものをご使用ください。

#### ◎ 部品の取付けや配線の引きまわしは、元どおりに！

安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

#### ◎ サービス後は安全点検を！


サービスのための取り外したねじ、部品、配線などが元どおりになっているか、またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し、外部金属端子部と、電源プラグの刃の間の絶縁チェックをおこなうなど、安全性が確保されていることを確認してください。


(絶縁チェックの方法)

電源コンセントから電源プラグを抜き、アンテナやプラグなどを外し、電源スイッチを入れます。500V 絶縁抵抗計を用いて、電源プラグのそれぞれの端子と外部露出金属部 [アンテナ端子、ヘッドホン端子マイク端子、入力端子など] との間で、絶縁抵抗値が 1 MΩ 以上であること、この値以下のときはセットの点検修理が必要です。

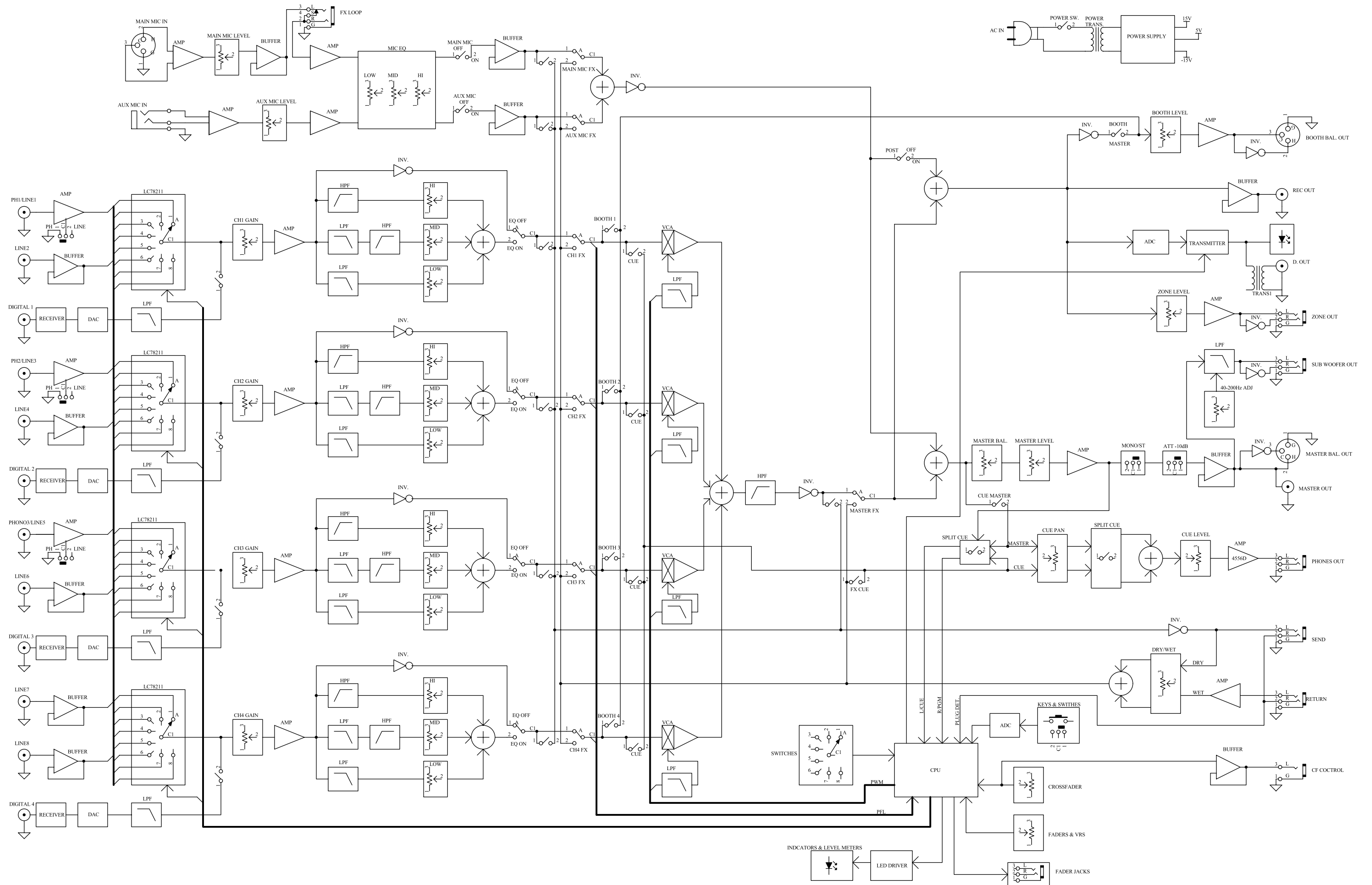
### 注意 安全上重要な部品について

本機に使用している多くの電気部品、および機構部品は安全上、特別な特性を持っています。この特性はほとんどの場合、外観では判別つきにくく、またもとの部品より高い定格（定格電力、耐圧）を持ったものを使用しても安全性が維持されることは、限りません。安全上の特性を持った部品は、このサービスマニュアルの配線図、部品表に同じように表示していますので必ず指定されている部品番号のものを使用願います。

(1) 配線図...  マークで表示しています。

(2) 部品表...  マークで表示しています。

指定された部品と異なるものを使用した場合には、感電、火災などの危険を生じる恐れがあります。

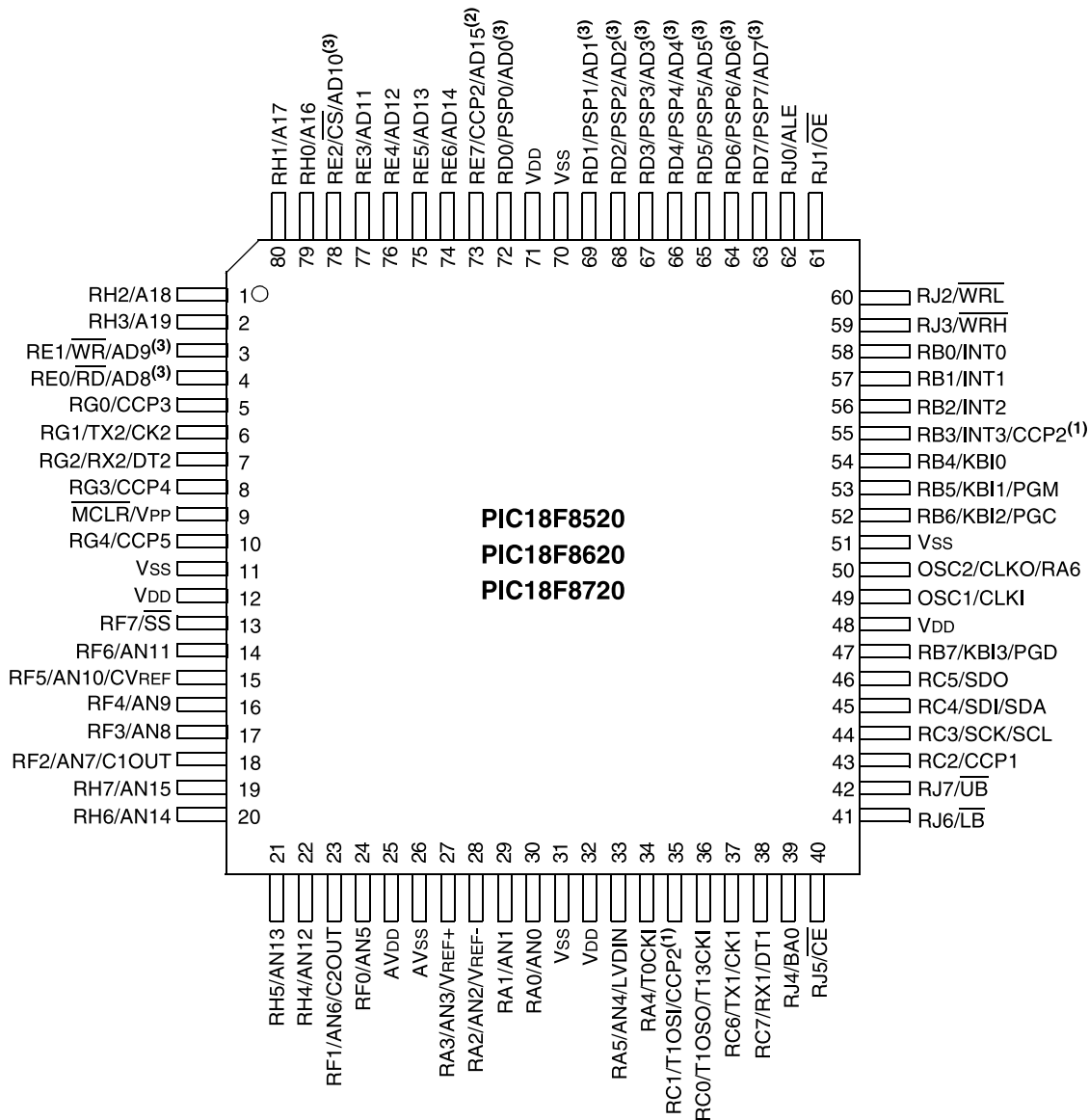


## SEMICONDUCTORS

Only major semiconductors are shown, general semiconductors etc. are omitted to list.  
 主な半導体を記載しています。汎用の半導体は記載を省略しています。

### IC's

#### PIC18F8520-I/PTG (IC801) CPU P.W.B.

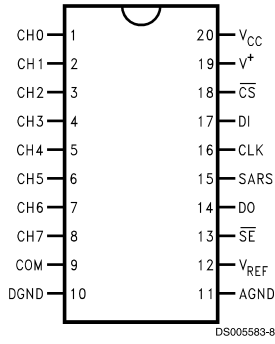


- Note**
- 1: CCP2 is multiplexed with RC1 when CCP2MX is set.
  - 2: CCP2 is multiplexed by default with RE7 when the device is configured in Microcontroller mode.
  - 3: PSP is available only in Microcontroller mode.

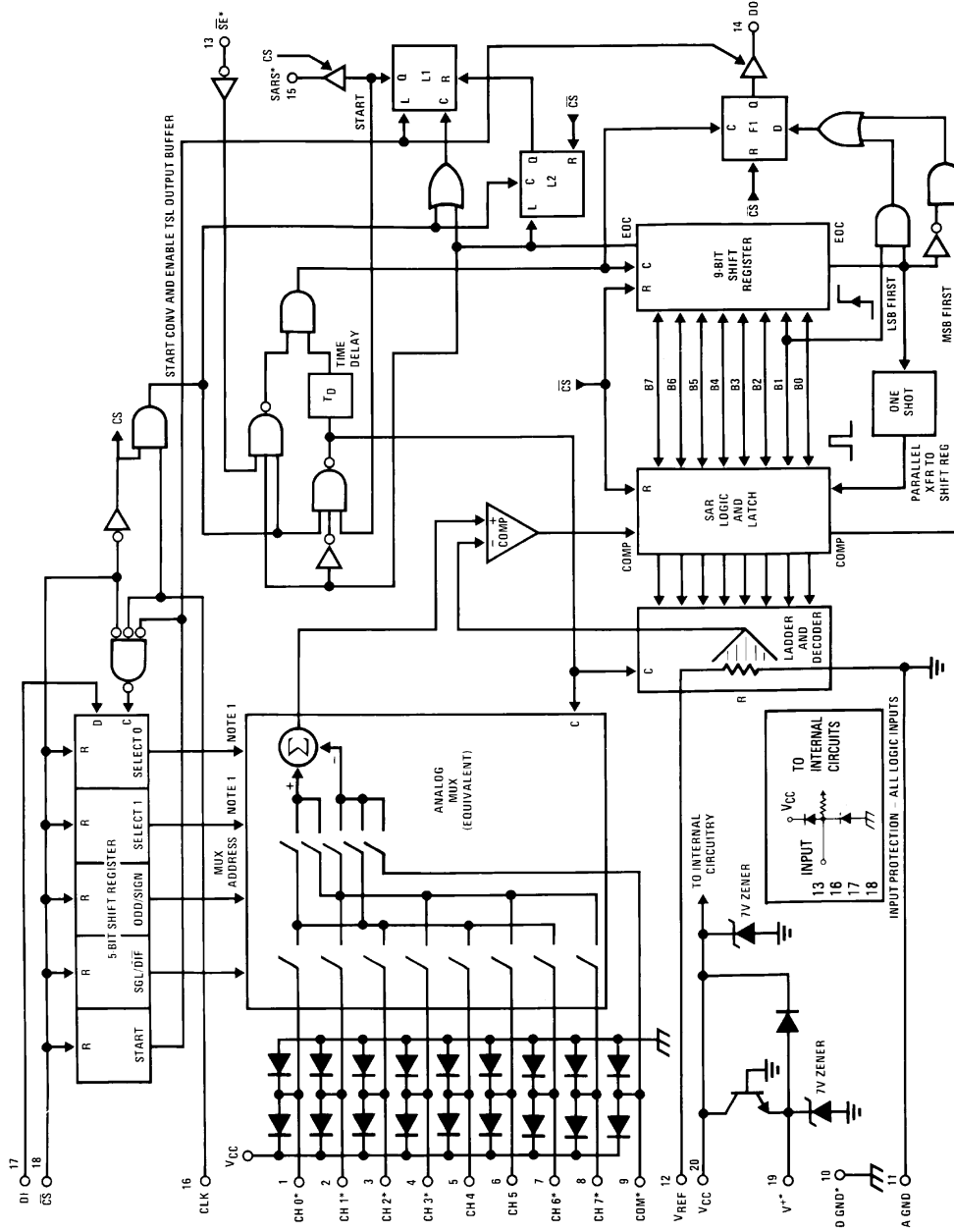
## PIC18F8520-I/PTG Terminal Function

Pin No.	Pin Name	I/O	Function
1	OE	O	74HC595 CONTROL PIN
2	DS	O	74HC595 CONTROL PIN
3	CH FS	I	CH FADER START SW INPUT
4	CF FSA	I	CROSS FADER START A SW INPUT
5	PWM1	O	CH 1 Vocal CONTROL
6	CF FSB	I	CROSS FADER START B SW INPUT
7	ASSIGN4A	I	CH4 CROSS FADER ASSIGN(A,POST,B)
8	PWM2	O	CH 2 Vocal CONTROL
10	PWM3	O	CH 3 Vocal CONTROL
13	ASSIGN4B	I	CH4 CROSS FADER ASSIGN(A,POST,B)
14	CF	I	CROSS FADER VR A/D IN
15	INSEL4	I	CH4 INPUT ASSIGN A/D IN
16	CFC	I	CROSS FADER CONTOUR VR A/D IN
17	INSEL1	I	CH1 INPUT ASSIGN A/D IN
18	INSEL2	I	CH2 INPUT ASSIGN A/D IN
19	INSEL3	I	CH3 INPUT ASSIGN A/D IN
20	LML	I	MASTER L CH Level Meter A/D IN
21	LMR	I	MASTER R CH Level Meter A/D IN
22	LM1	I	CH1 Level Meter A/D IN
23	LM2	I	CH2 Level Meter A/D IN
24	LM3	I	CH3 Level Meter A/D IN
27	LM4	I	CH4 Level Meter A/D IN
28	F1	I	CH1 FADER VR A/D IN
29	F2	I	CH2 FADER VR A/D IN
30	F3	I	CH3 FADER VR A/D IN
33	F4	I	CH4 FADER VR A/D IN
34	CE1-1	O	LC78211,LC78212,LC78213 CONTROL PIN
35	PWM4	O	CH 4 Vocal CONTROL
36	CE2-2	O	LC78211,LC78212,LC78213 CONTROL PIN
37	DI-1	O	LC78211,LC78212,LC78213 CONTROL PIN
38	CL-1	O	LC78211,LC78212,LC78213 CONTROL PIN
39	-24	O	Level Meter LED CONTROL
40	-10	O	Level Meter LED CONTROL
41	-7	O	Level Meter LED CONTROL
42	-5	O	Level Meter LED CONTROL
43	-3	O	Level Meter LED CONTROL
44	-1	O	Level Meter LED CONTROL
45	0	O	Level Meter LED CONTROL
46	1	O	Level Meter LED CONTROL
47	3	O	Level Meter LED CONTROL
52	5	O	Level Meter LED CONTROL
53	8	O	Level Meter LED CONTROL
54	12	O	Level Meter LED CONTROL
55	CLMR	O	Level Meter LED CONTROL
56	CLML	O	Level Meter LED CONTROL
57	CLM4	O	Level Meter LED CONTROL
58	CLM3	O	Level Meter LED CONTROL
59	CLM2	O	Level Meter LED CONTROL
60	CLM1	O	Level Meter LED CONTROL
61	INT'	I	CS8405A CONTROL PIN
62	CDOUT'	I	IC DATA OUT
63	CDIN'	O	IC DATA IN
64	CCLK'	O	IC CLK
65	JDET	I	EFFECT SEND/RETURN INPUT SW
66	/CS'	O	CS8405A SELECTION PIN
67	PC4B'	O	LINE8 FADER CONTROL OUTPUT
68	PC4A'	O	LINE8 FADER CONTROL OUTPUT
69	PC3B	O	LINE6 FADER CONTROL OUTPUT
72	PC3A'	O	LINE6 FADER CONTROL OUTPUT
73	PC2B'	O	LINE4 FADER CONTROL OUTPUT
74	PC2A'	O	LINE4 FADER CONTROL OUTPUT
75	PC1B'	O	LINE2 FADER CONTROL OUTPUT
76	PC1A'	O	LINE2 FADER CONTROL OUTPUT
77	/CSAD	O	ADC0838 SELECTION PIN
79	SHCP	O	74HC595 CONTROL PIN
80	STCP	O	74HC595 CONTROL PIN

ADC0838CCWM (IC 802) MIXER P.W.B.



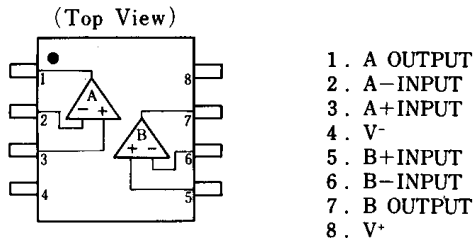
ADC0838 Functional Block Diagram



DS005583-7

\*Some of these functions/pins are not available with other options.  
 Note 1: For the ADC0834, D1 is input directly to the D input of SELECT 1. SELECT 0 is forced to a "1". For the ADC0832, DI is input directly to the DI input of ODD/SIGN. SELECT 0 is forced to a "0" and SELECT 1 is forced to a "1".

**NJM-4556AD (IC617) MIXER P.W.B.**



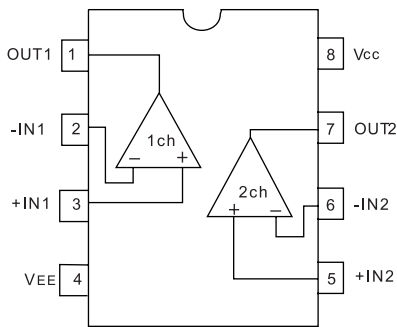
**BA15218F (IC 701) OUTPUT P.W.B.**

**(IC 704) BOOTH P.W.B.**

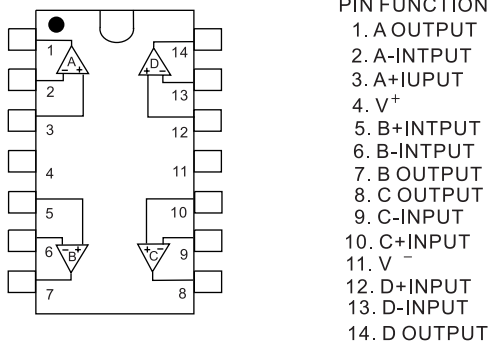
**(IC 603,901,902,908) POWER P.W.B.**

**(IC 104,204,304,404,501,502,606-609,609,611,616) MIXER P.W.B.**

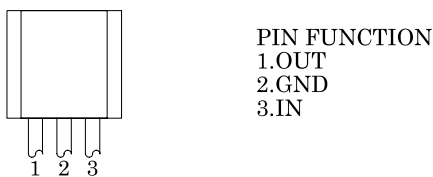
**(IC 503,601-603,605,610,612,613) CPU P.W.B.**



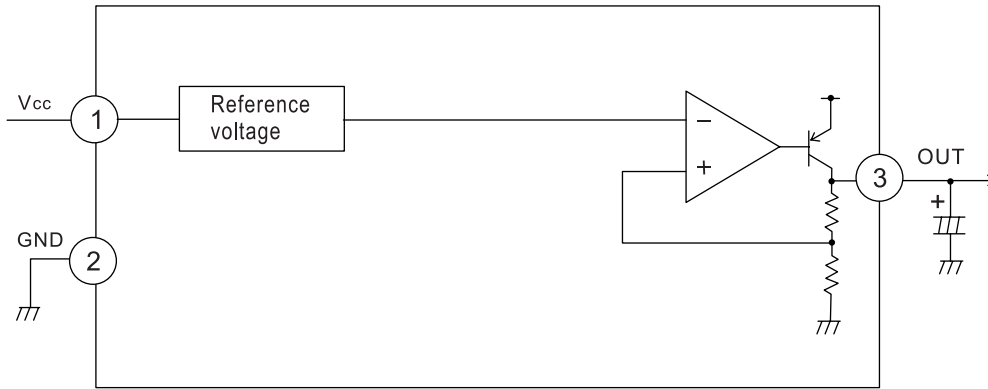
**NJM2058V (IC 504) CPU P.W.B.**



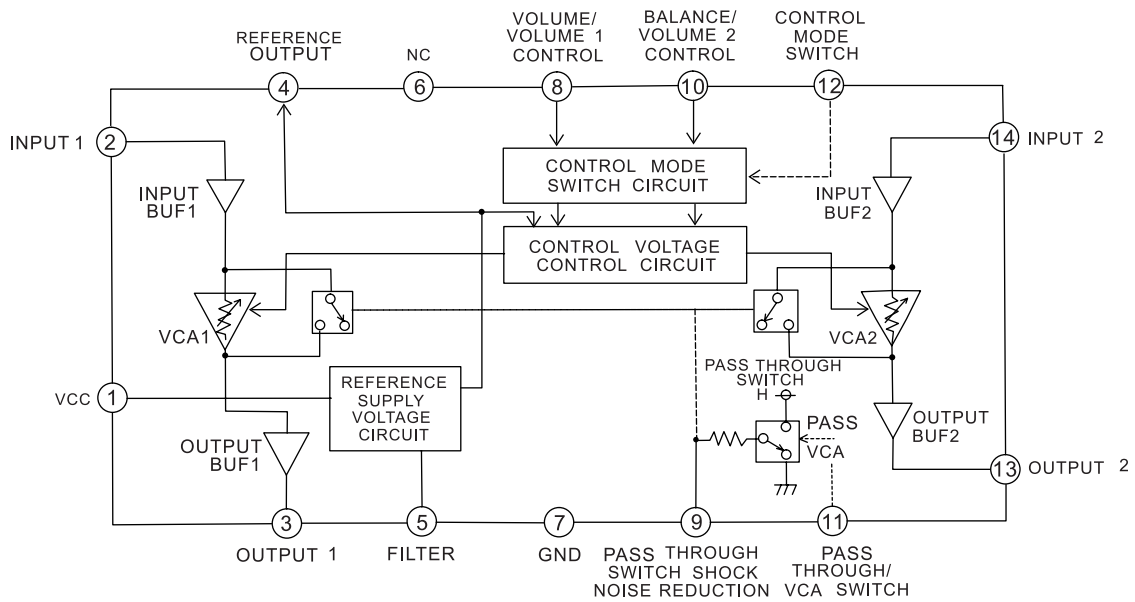
**NJM78L004 (IC 108) CPU P.W.B.**



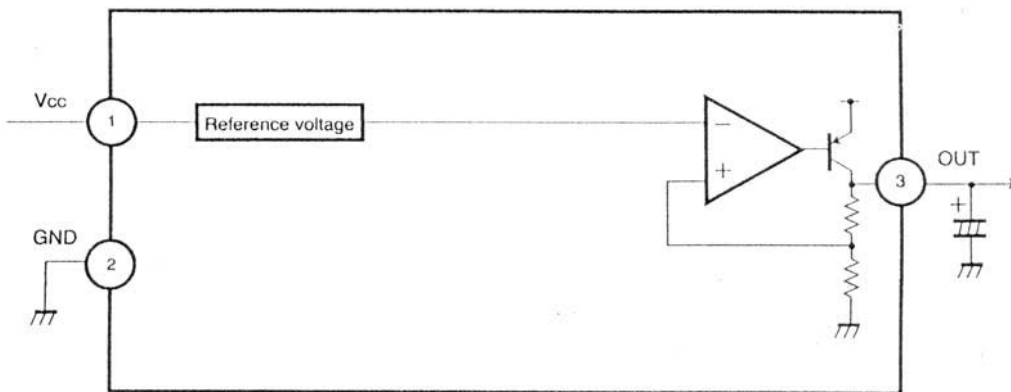
**BA05T (IC 03) POWER P.W.B.**



**M51132L (IC 106,206,306,406) CPU P.W.B.**

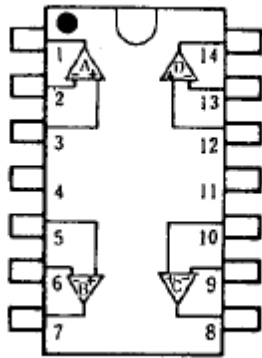


**BA033FP T0252-3 (IC 805) CPU P.W.B.**





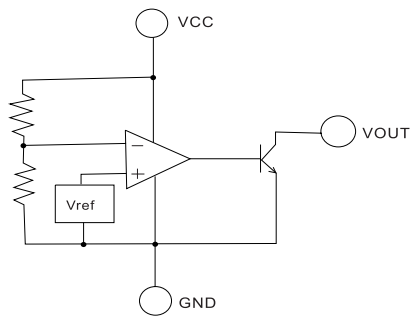
**NJM2060V (IC 101-103,201-203,301-303,401-403) MIXER P.W.B.**



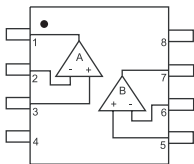
**PIN FUNCTION**

- |             |              |
|-------------|--------------|
| 1. A OUTPUT | 8. C OUTPUT  |
| 2. A-INPUT  | 9. C-INPUT   |
| 3. A+INPUT  | 10. C+INPUT  |
| 4. V+       | 11. V-       |
| 5. B+INPUT  | 12. D+INPUT  |
| 6. B-INPUT  | 13. D-INPUT  |
| 7. B OUTPUT | 14. D OUTPUT |

**BD4745G (IC 04) POWER P.W.B.**



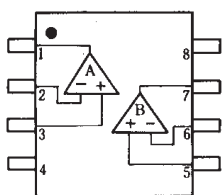
**NJM4558M-TE3 (IC 107,109,209,307,309,409) CPU P.W.B.**



**PIN FUNCTION**

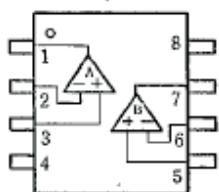
1. A OUTPUT
2. A-INPUT
3. A+INPUT
4. V-
5. B+INPUT
6. B-INPUT
7. B OUTPUT
8. V+

**NJM2068M (IC 510) OUTPUT P.W.B.  
(IC 511) POWER P.W.B.**



1. A OUTPUT
2. A-INPUT
3. A+INPUT
4. V-
5. B+INPUT
6. B-INPUT
7. B OUTPUT
8. V+

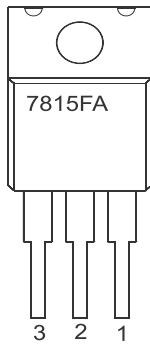
**NJM4580M (IC 114,115,214,215,314,315,414,415) OUTPUT P.W.B.  
NJM4580D (IC 703,705) OUTPUT P.W.B.**



**PIN FUNCTION**

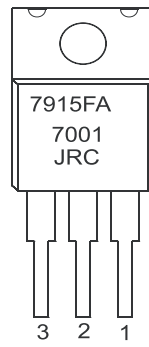
1. A OUTPUT
2. A-INPUT
3. A+INPUT
4. V-
5. B+INPUT
6. B-INPUT
7. B OUTPUT
8. V+

**NJM7815FA (IC 01) POWER P.W.B.**



- 1. OUTPUT
- 2. COMMON
- 3. INPUT

**NJM7915FA (IC 02) POWER P.W.B.**

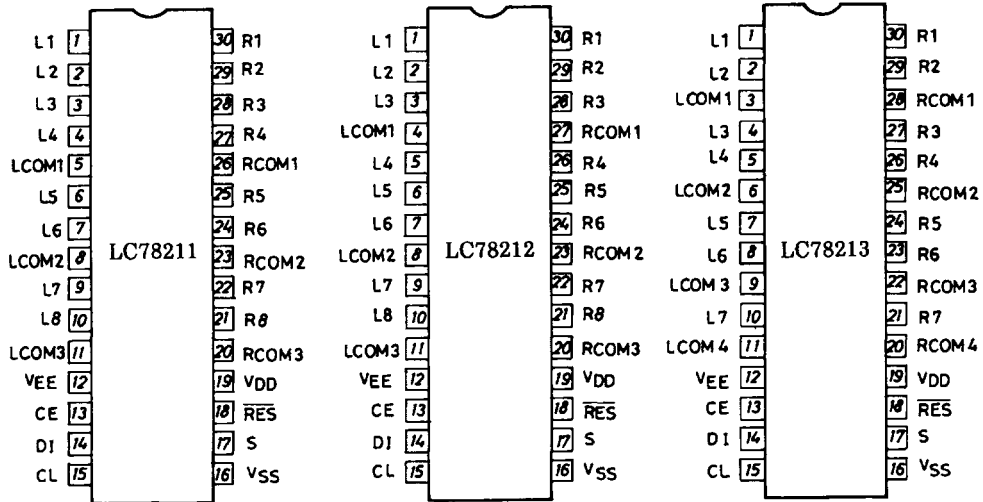


- 1. OUTPUT
- 2. INPUT
- 3. COMMON

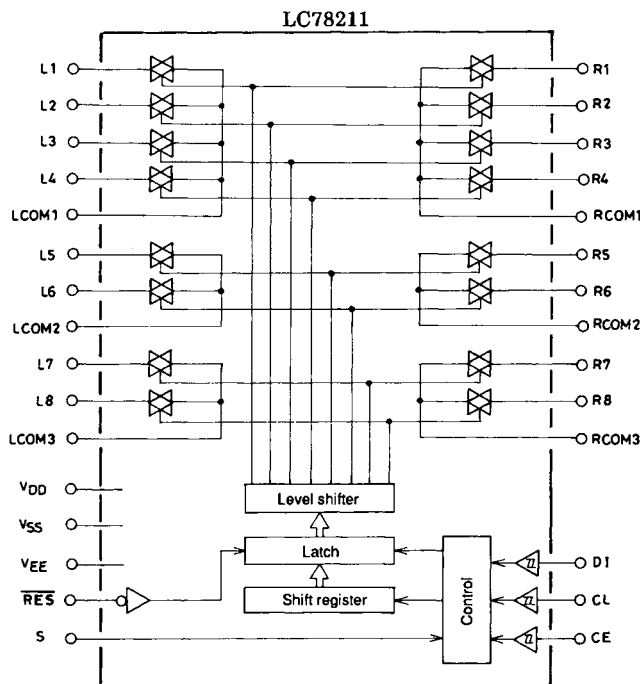
**LC78211 (IC 116,216,316,416) OUTPUT P.W.B.**

**LC78212 (IC 105,205,305,405) CPU P.W.B.**

**LC78213 (IC 117) OUTPUT P.W.B.  
(IC 509,604,615) CPU P.W.B.**

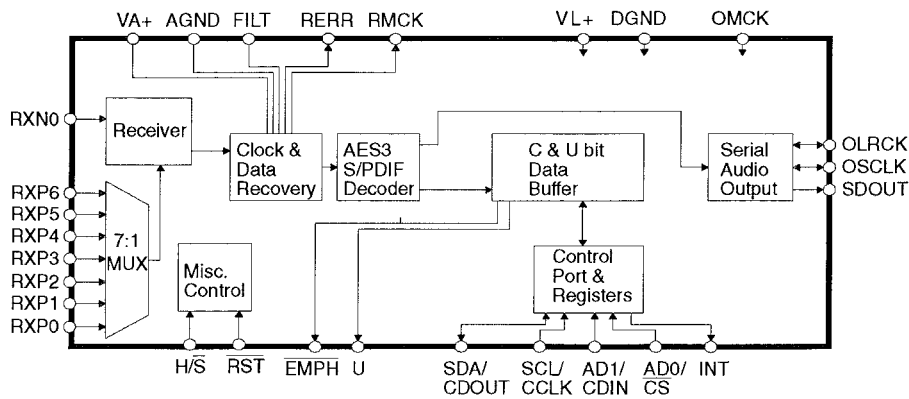


Top view



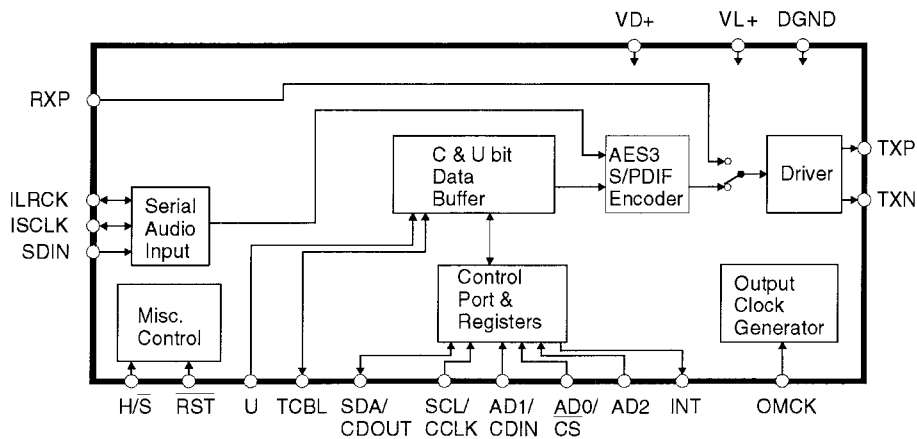
**CS8415A (IC 111,211,311,411) POWER P.W.B.**

<b>COPY</b>	1	+28	<b>ORIG</b>
<b>VL2+</b>	2	27	<b>VL3+</b>
<b>EMPH</b>	3**	26	<b>C</b>
<b>RXP</b>	4*	25	<b>U</b>
<b>RXN</b>	5*	*24	<b>H/S</b>
<b>VA+</b>	6*	*23	<b>VL+</b>
<b>AGND</b>	7*	*22	<b>DGND</b>
<b>FILT</b>	8*	21	<b>DGND2</b>
<b>RST</b>	9*	20	<b>DGND3</b>
<b>RMCK</b>	10*	19	<b>AUDIO</b>
<b>RERR</b>	11*	+*18	<b>SDOUT</b>
<b>RCBL</b>	12	*17	<b>OLRCK</b>
<b>PRO</b>	13	*16	<b>OSCLK</b>
<b>CHS</b>	14	15	<b>NVERR</b>



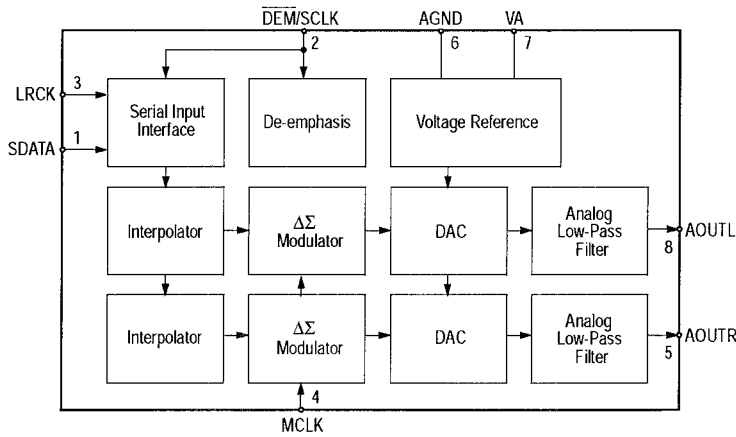
**CS8405A (IC 906) POWER P.W.B.**

<b>COPY/C</b>	1	28	<b>ORIG</b>
<b>VD2+</b>	2	27	<b>VD4+</b>
<b>EMPH</b>	3	*26	<b>TXP</b>
<b>SFMT0</b>	4	*25	<b>TXN</b>
<b>SFMT1</b>	5	*24	<b>H/S</b>
<b>VD+</b>	6*	*23	<b>VL+</b>
<b>DGND6</b>	7*	*22	<b>DGND</b>
<b>DGND3</b>	8*	*21	<b>OMCK</b>
<b>RST</b>	9*	20	<b>VD3+</b>
<b>APMS</b>	10	19	<b>AUDIO</b>
<b>TCBLD</b>	11	18	<b>U</b>
<b>ILRCK</b>	12*	17	<b>V</b>
<b>ISCLK</b>	13*	16	<b>CEN</b>
<b>SDIN</b>	14*	*15	<b>TCBL</b>

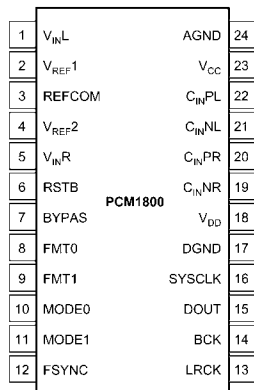


**CS4334 (IC 112,212,312,412) POWER P.W.B.**

SERIAL DATA INPUT	<b>SDATA</b>	1	8	<b>AOUTL</b>	ANALOG LEFT CHANNEL OUTPUT
DE-EMPHASIS / SCLK	<b>DEM/SCLK</b>	2	7	<b>VA</b>	ANALOG POWER
LEFT / RIGHT CLOCK	<b>LRCK</b>	3	6	<b>AGND</b>	ANALOG GROUND
MASTER CLOCK	<b>MCLK</b>	4	5	<b>AOUTR</b>	ANALOG RIGHT CHANNEL OUTPUT

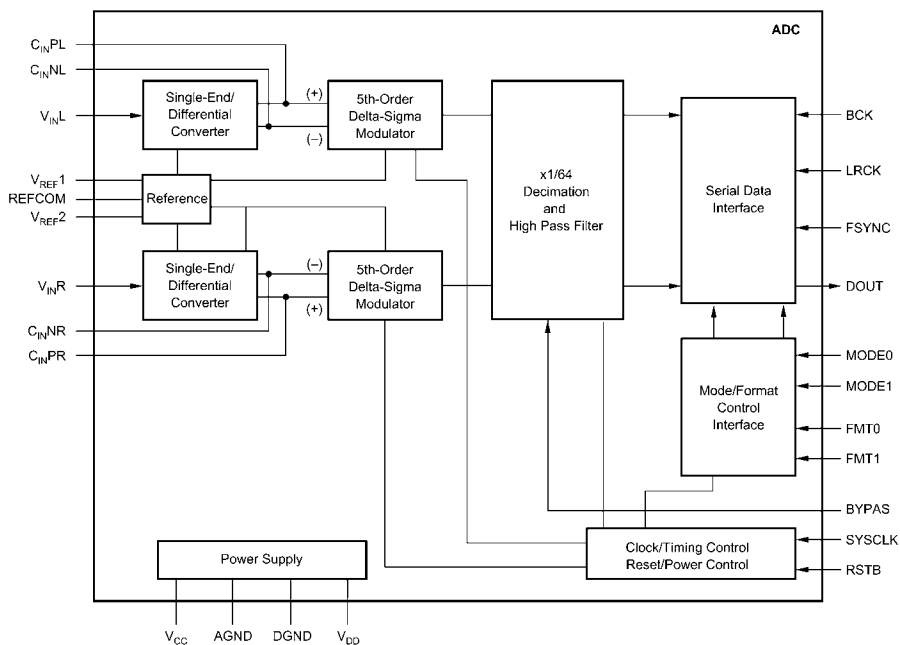


**PCM1800E (IC 904) POWER P.W.B.**

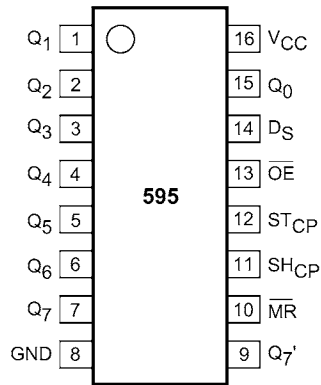


PIN	NAME	I/O	DESCRIPTION
1	V <sub>IN</sub> L	IN	Analog Input, Lch
2	V <sub>REF</sub> 1	—	Reference 1 Decoupling Capacitor
3	REFCOM	—	Reference Decoupling Common
4	V <sub>REF</sub> 2	—	Reference 2 Decoupling Capacitor
5	V <sub>IN</sub> R	IN	Input Reference, Rch
6	RSTB	IN	Reset Input, Active LOW <sup>(1)</sup>
7	BYPAS	IN	High Pass Filter Bypass Control <sup>(1)</sup>
8	FMT0	IN	Audio Data Format 0 <sup>(1)</sup>
9	FMT1	IN	Audio Data Format 1 <sup>(1)</sup>
10	MODE0	IN	Master/Slave Mode Selection 0 <sup>(1)</sup>
11	MODE1	IN	Master/Slave Mode Selection 1 <sup>(1)</sup>
12	FSYNC	IN/OUT	Frame Synchronization
13	LRCK	IN/OUT	Sampling Clock Input/Output (f <sub>s</sub> )
14	BCK	IN/OUT	Bit Clock Input/Output
15	DOUT	OUT	Audio Data Output
16	SYSCLK	IN	System Clock Input, 256f <sub>s</sub> , 384f <sub>s</sub> , or 512f <sub>s</sub>
17	DGND	—	Digital Ground
18	V <sub>DD</sub>	—	Digital Power Supply
19	C <sub>IN</sub> NR	—	Anti-alias Filter Capacitor (-), Rch
20	C <sub>IN</sub> PR	—	Anti-alias Filter Capacitor (+), Rch
21	C <sub>IN</sub> NL	—	Anti-alias Filter Capacitor (-), Lch
22	C <sub>IN</sub> PL	—	Anti-alias Filter Capacitor (+), Lch
23	V <sub>CC</sub>	—	Analog Power Supply
24	AGND	—	Analog Ground

NOTE: (1) With 100kΩ typical pull-down resistor.

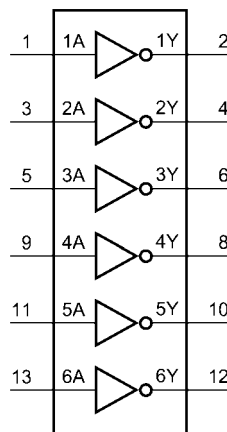
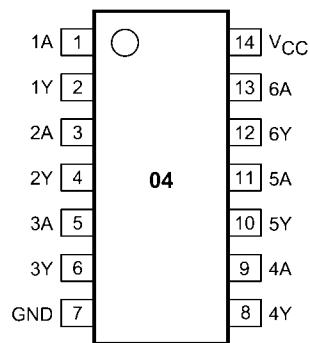


**74AHC595D (IC 803,804) MIXER P.W.B.**



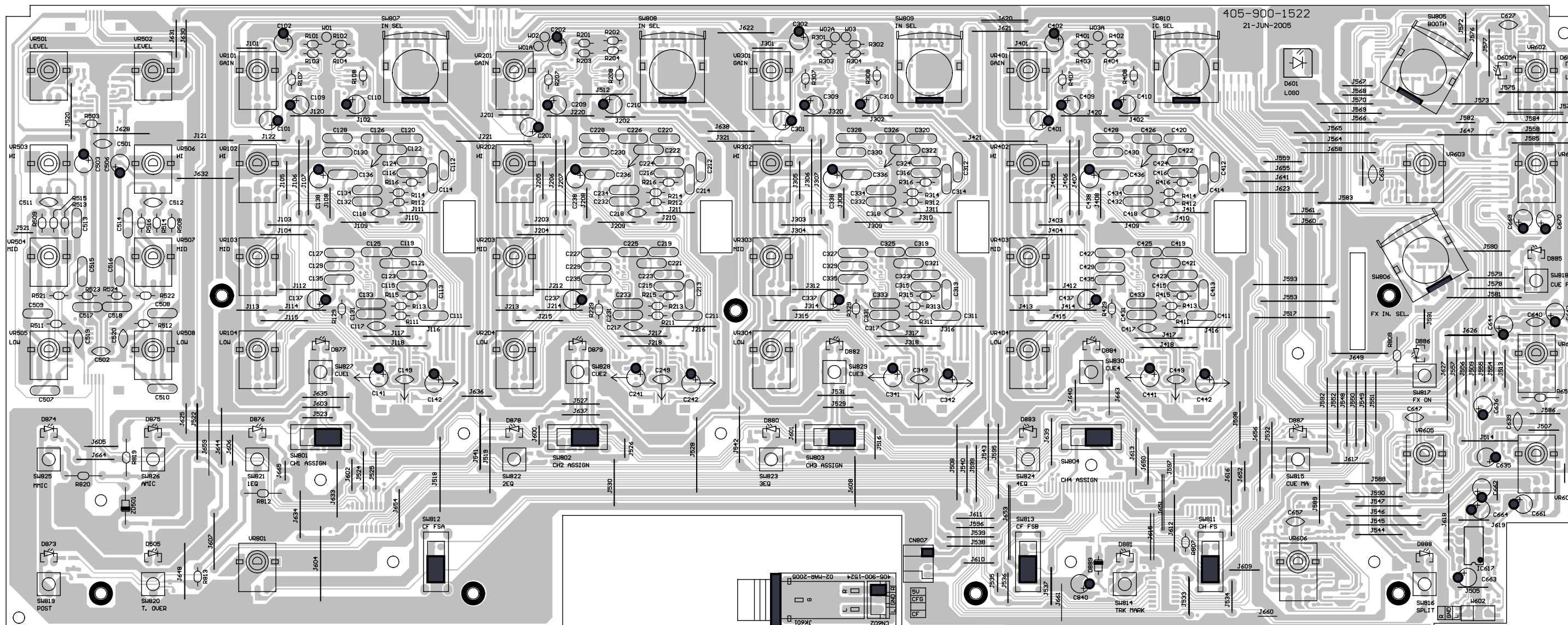
PIN	SYMBOL	DESCRIPTION
1, 2, 3, 4, 5, 6, 7 and 15	Q <sub>1</sub> , Q <sub>2</sub> , Q <sub>3</sub> , Q <sub>4</sub> , Q <sub>5</sub> , Q <sub>6</sub> , Q <sub>7</sub> and Q <sub>0</sub>	parallel data output
8	GND	ground (0 V)
9	Q <sub>7</sub> '	serial data output
10	MR	master reset (active LOW)
11	SH <sub>CP</sub>	shift register clock input
12	ST <sub>CP</sub>	storage register clock input
13	OE	output enable input (active LOW)
14	D <sub>S</sub>	serial data input
16	V <sub>CC</sub>	DC supply voltage

**74AHC04 (IC 905) POWER P.W.B.**



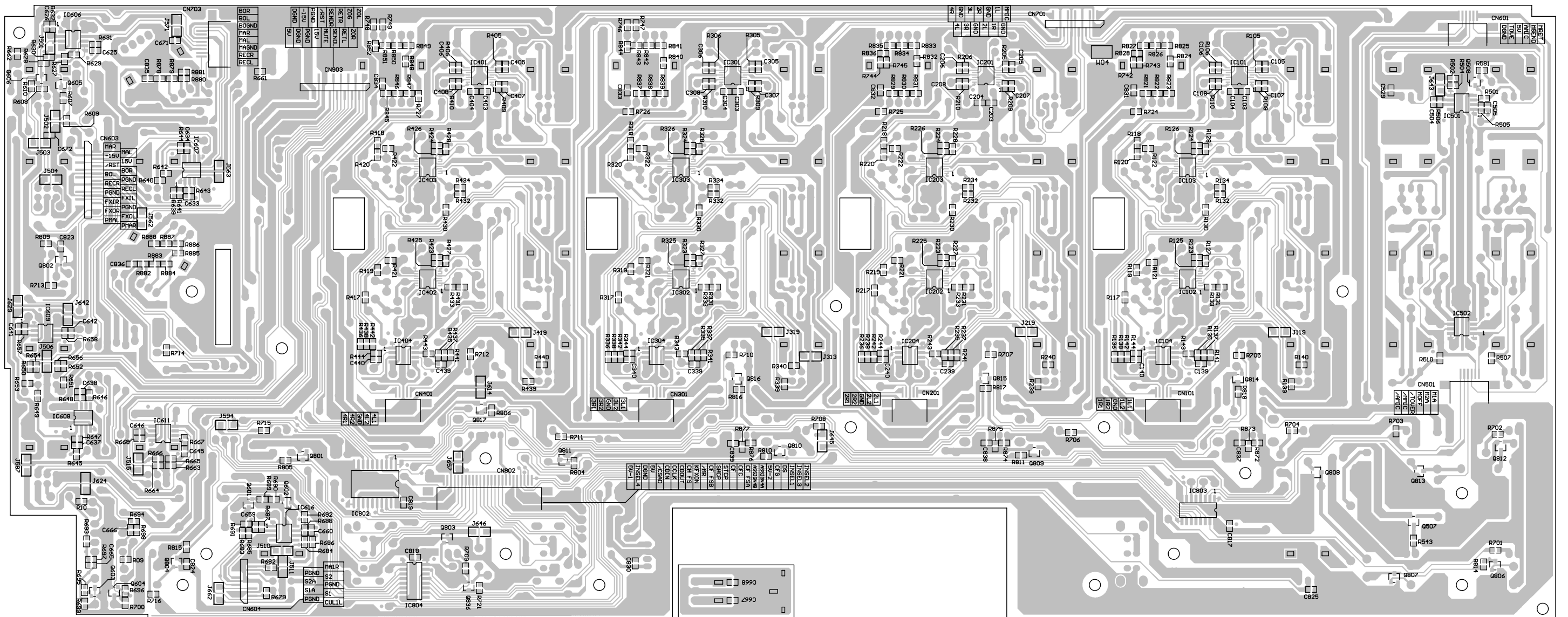
# PRINTED WIRING BOARDS (DN-X900 & ACD-46)

## MIXER & HEADPHONE Board (1/2)



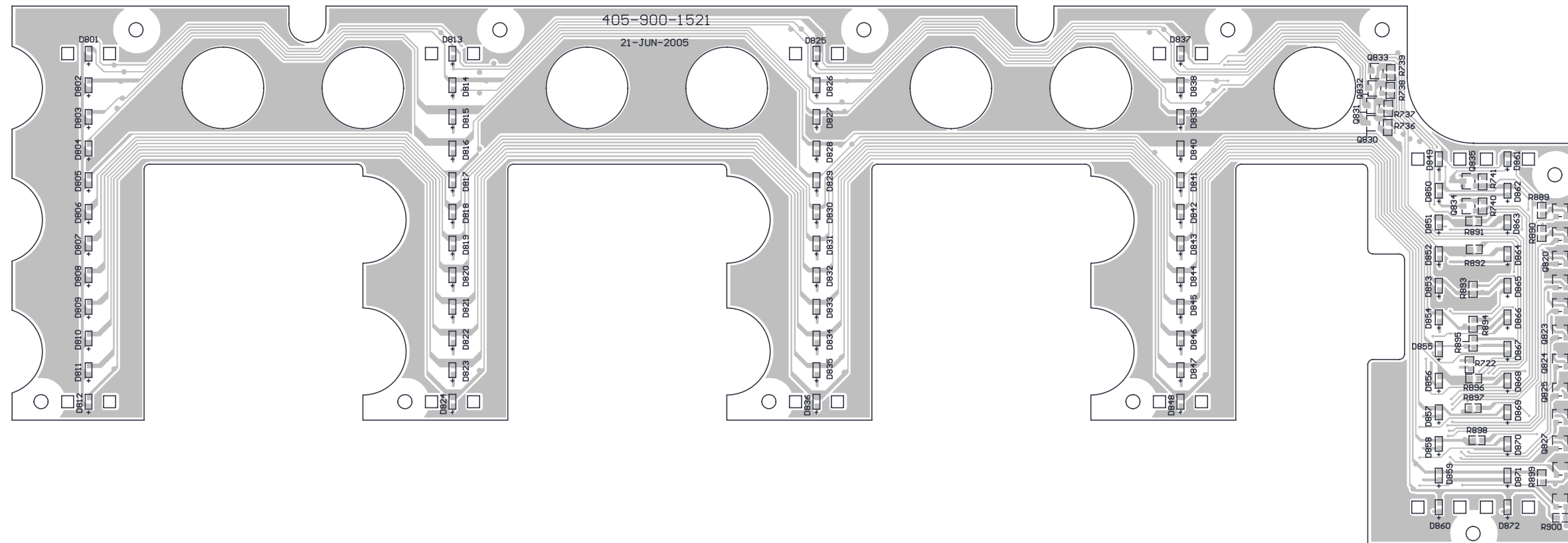
COMPONENT SIDE

MIXER & HEADPHONE Board (2/2)

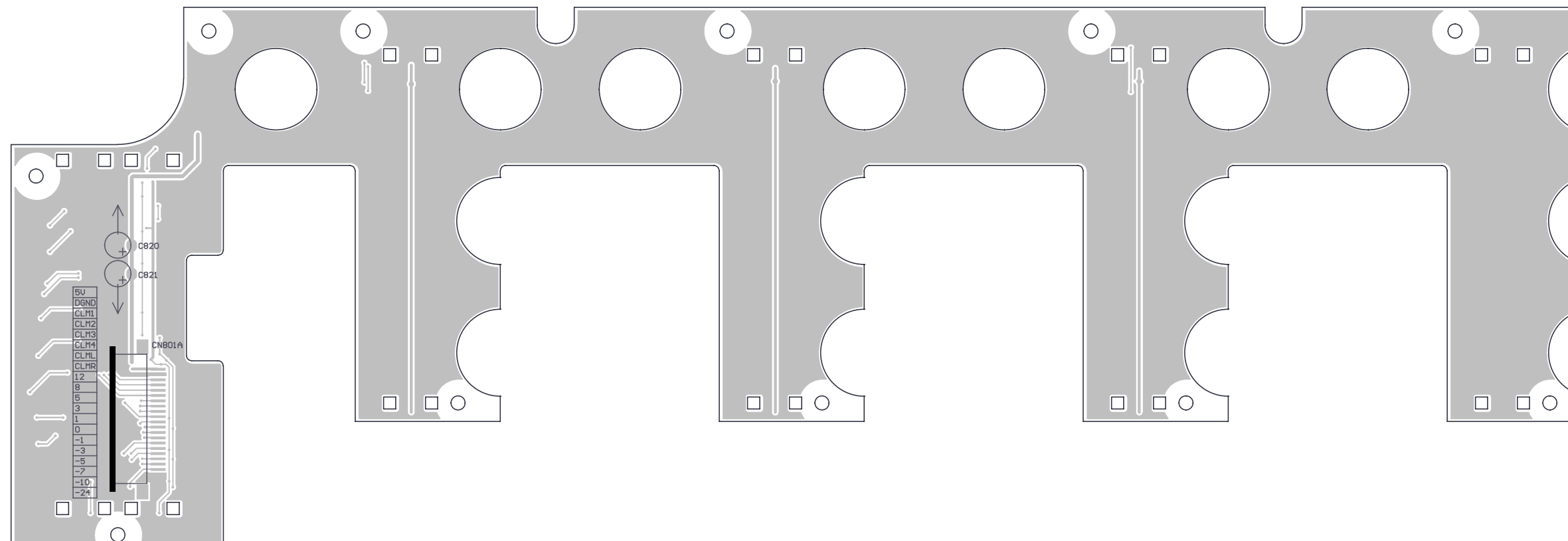


FOIL SIDE

# LEVER METER Board



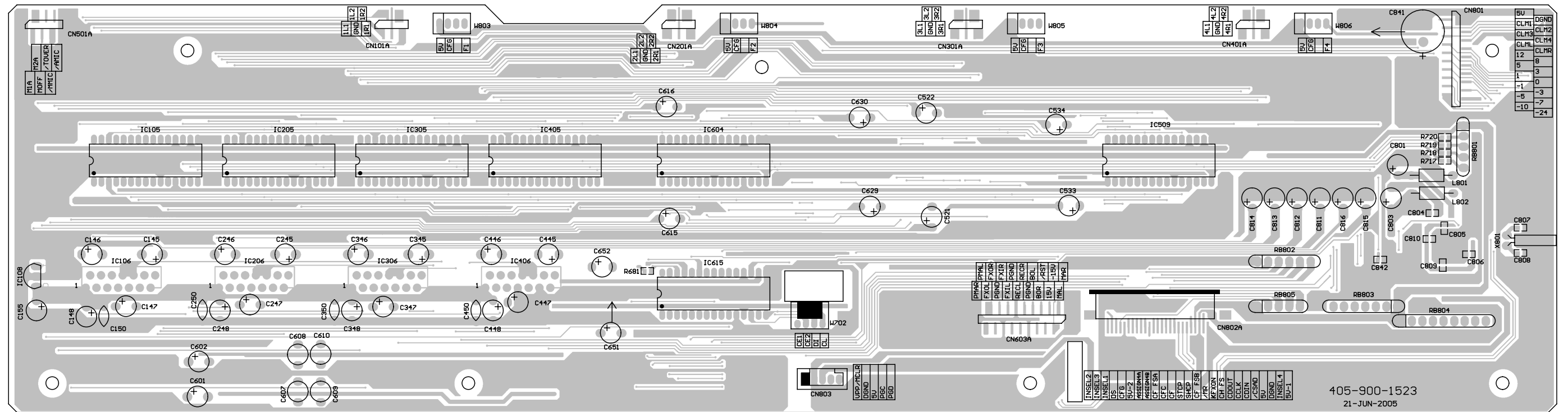
COMPONENT SIDE



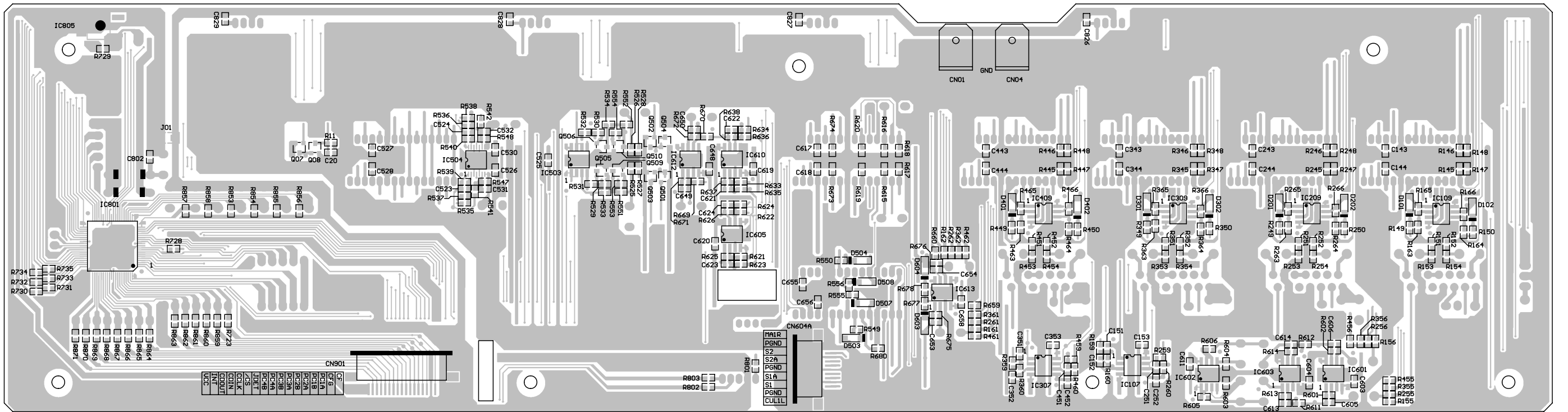
FOIL SIDE



CPU Board

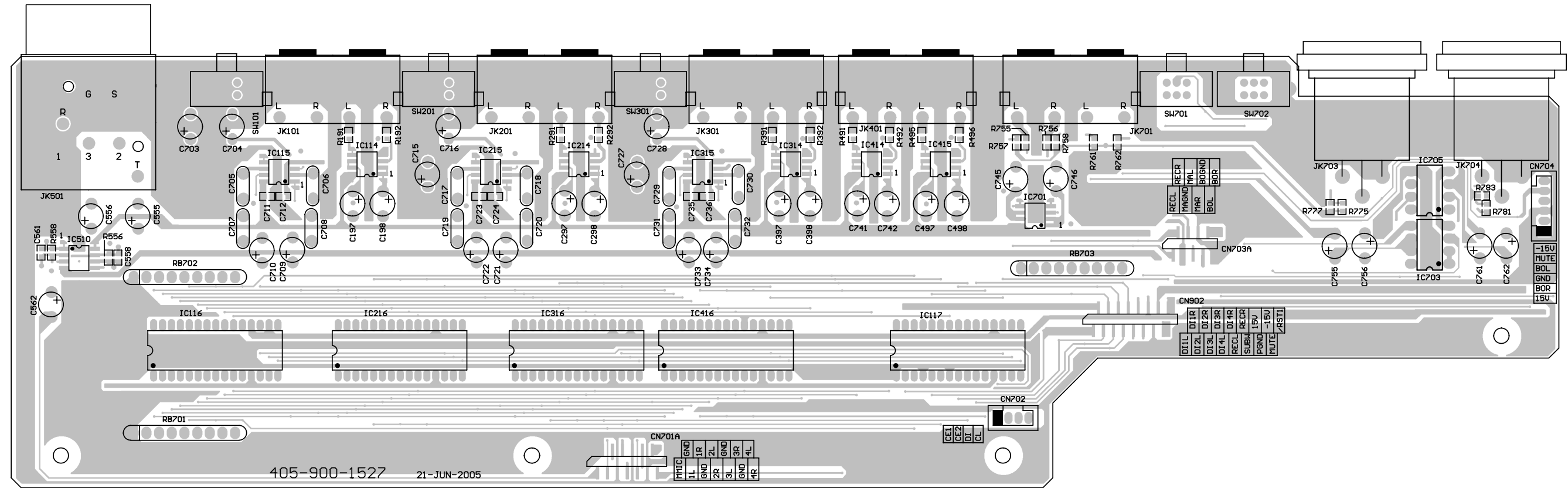


COMPONENT SIDE

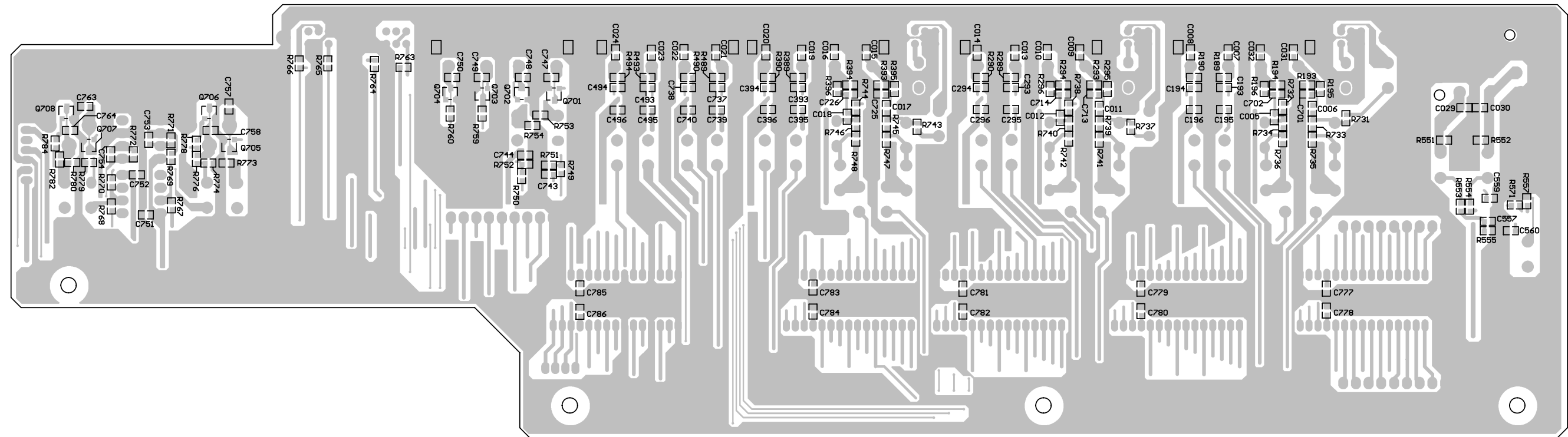


FOIL SIDE

OUTPUT Board

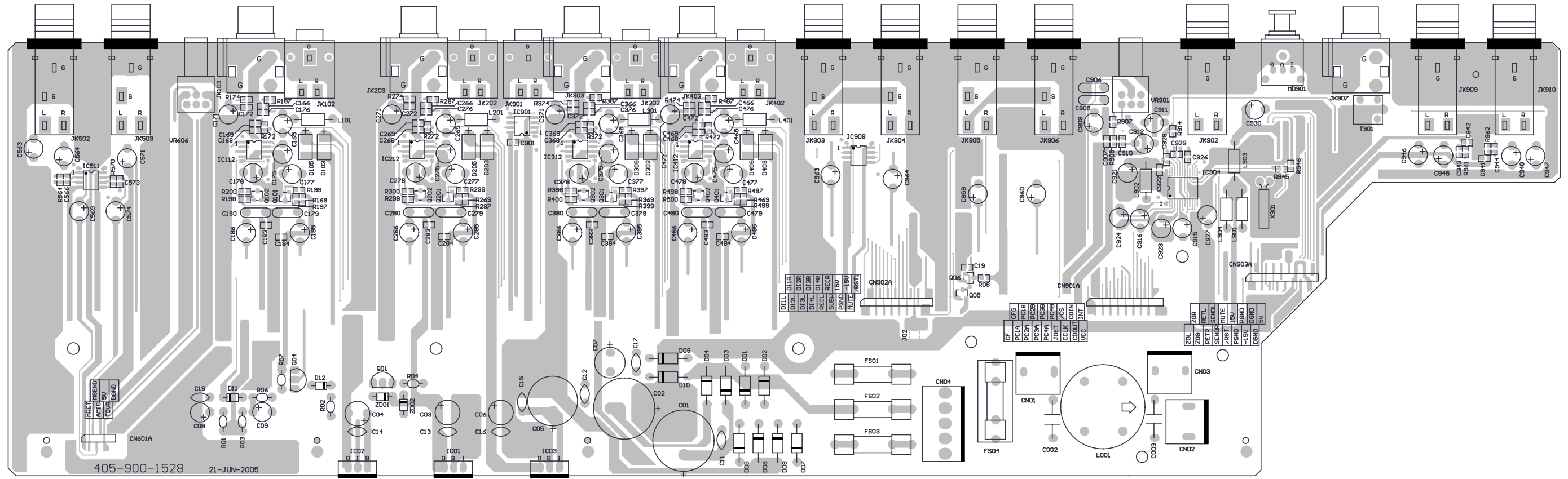


COMPONENT SIDE

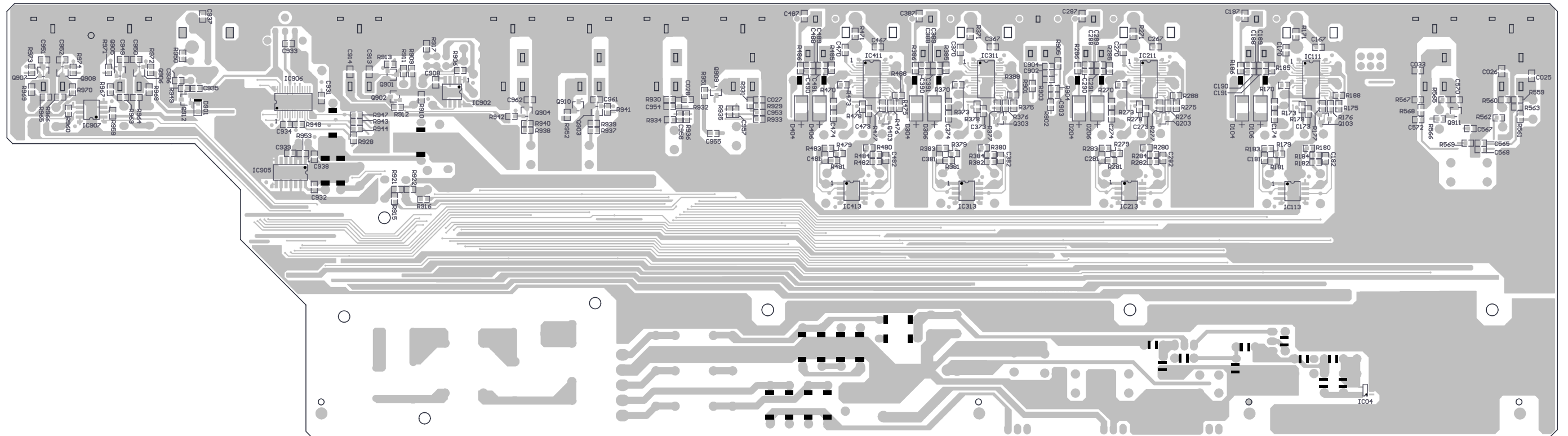


FOIL SIDE

POWER Board

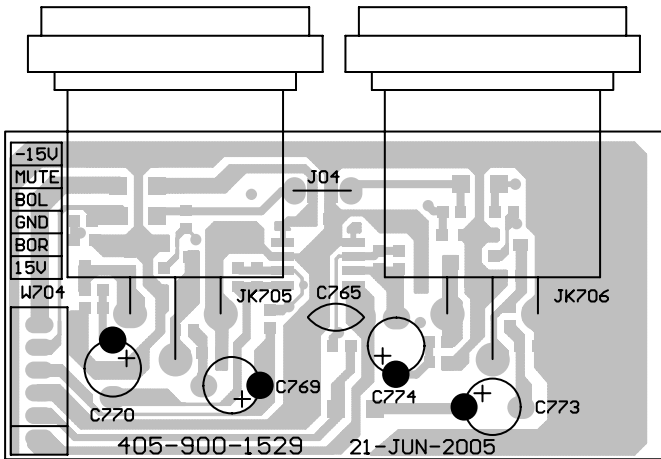


COMPONENT SIDE



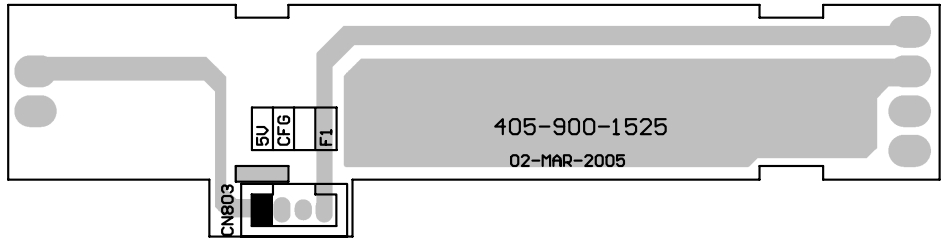
FOIL SIDE

**BOOTH Board**



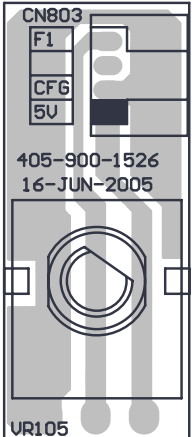
**COMPONENT SIDE**

**CH VR Board**

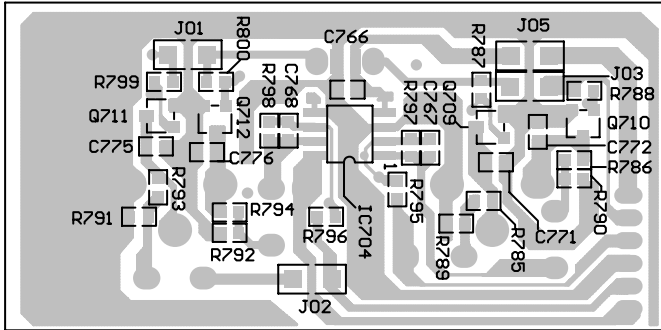


**FOIL SIDE**

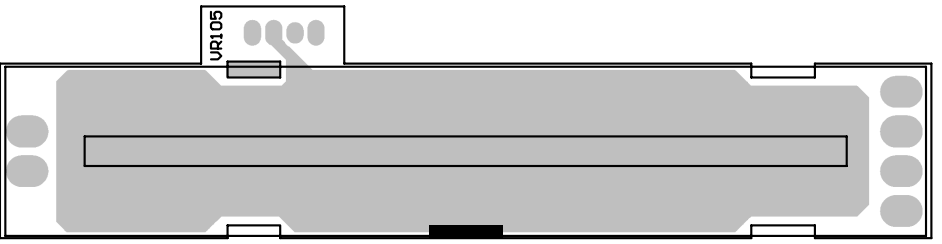
**ACD-46 ROTARY CH VR Board**



**COMPONENT SIDE**



**FOIL SIDE**



**COMPONENT SIDE**

# NOTE FOR PARTS LIST

- Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film Resistor ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including Carbon Chip Resistor 1/16W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

**WARNING:**

Parts marked with this symbol  $\triangle$  have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

● **Resistors**

Ex.: RN 14K 2E 182 G FR

Type Shape and performance Power Resistance Allowable error Others

RD : Carbon RC : Composition RS : Metal oxide film RW : Winding RN : Metal film RK : Metal mixture	2B : 1/8W 2E : 1/4W 2H : 1/2W 3A : 1W 3D : 2W 3F : 3W 3H : 5W	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	P : Pulse-resistant type NL : Low noise type NB : Non-burning type FR : Fuse-resistor F : Lead wire forming
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\* **Resistance**

1 8 2 ⇒ 1800 ohm = 1.8 kohm  
Indicates number of zeros after effective number.  
2-digit effective number.  
Units: ohm

1 R 2 ⇒ 1.2 ohm  
1-digit effective number.  
2-digit effective number, decimal point indicated by R.  
Units: ohm

● **Capacitors**

Ex.: CE 04W 1H 2R2 M BP

Type Shape and performance Dielectric strength Capacity Allowable error Others

CE : Aluminum foil electrolytic CA : Aluminum solid electrolytic CS : Tantalum electrolytic CQ : Film CK : Ceramic CC : Ceramic CP : Oil CM : Mica CF : Metallized CH : Metallized	0J : 6.3V 1A : 10V 1C : 16V 1E : 25V 1V : 35V 1H : 50V 2A : 100V 2B : 125V 2C : 160V 2D : 200V 2E : 250V 2H : 500V 2J : 630V	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20% Z : +80% -20% P : +100% -0% C : ±0.25pF D : ±0.5pF = : Others	HS : High stability type BP : Non-polar type HR : Ripple-resistant type DL : For change and discharge HF : For assuring high frequency U : UL part C : CSA part W : UL-CSA type F : Lead wire forming
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\* **Capacity (electrolyte only)**

2 2 2 ⇒ 2200μF  
Indicates number of zeros after effective number.  
2-digit effective number.  
Units: μF.

2 R 2 ⇒ 2.2μF  
1-digit effective number.  
2-digit effective number, decimal point indicated by R.  
Units: μF.

\* **Capacity (except electrolyte)**

2 2 2 ⇒ 2200pF=0.0022μF  
(More than 2) — Indicates number of zeros after effective number.  
2-digit effective number.  
Units: pF.

2 2 1 ⇒ 220pF  
(0 or 1) — Indicates number of zeros after effective number.  
2-digit effective number.  
Units: pF.

When the dielectric strength is indicated in AC, "AC" is included after the dielectric strength value.

# 部品表について

- nsp 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りすることがあります。
- 部品を発注する際は特に数字の " 1 " と英字の " I " との区別をはっきり記入してください。
- 部品番号を表示していない部品は供給できません。
- $\triangle$ 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- ★印のついている部品は分解図中には記載していません。
- カーボン抵抗器 ± 5%、1/4W 型は記載していません。定数は回路図を参照願います。
- カーボンチップ抵抗器 1/16W 型は記載していません。定数は回路図を参照願います。
- 部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

● **抵抗器**

例) RN 14K 2E 182 G FR

種類 形状特性 電力 抵抗値 許容差 その他

RD : カーボン RC : 固定体 RS : 金属系皮膜 RW : 巻線 RN : 金属皮膜 RK : 金属混合体	2B : 1/8 W 2E : 1/4 W 2H : 1/2 W 3A : 1 W 3D : 2 W 3F : 3 W 3H : 5 W	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	P : 耐パルス形 NL : 低雑音形 NB : 不燃形 FR : ヒューズ抵抗 F : リード線成形
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\* **抵抗値**

18 2 ⇒ 1800Ω=1.8kΩ  
有効数字につづく0の数を表わす。  
2桁の有効数字を表わす。

1R 2 ⇒ 1.2Ω  
1桁の有効数字を表わす。  
2桁の有効数字で小数点はRで表わす。  
単位はΩ

● **コンデンサ**

例) CE 04W 1H 2R2 M BP

種類 形状特性 耐圧 容量 許容差 その他

CE : アルミ箔電解 CA : アルミ固体電解 CS : タンタル電解 CQ : フィルム CK : セラミック CC : セラミック CP : オイル CM : マイカ CF : メタライズド CH : メタライズド	0J : 6.3 V 1A : 10 V 1C : 16 V 1E : 25 V 1V : 35 V 1H : 50 V 2A : 100 V 2B : 125 V 2C : 160 V 2D : 200 V 2E : 250 V 2H : 500 V 2J : 630 V	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20% Z : +80% -20% P : +100% - 0%C : ±0.25pF D : ±0.5pF = : その他	HS : 高安定形 BP : 無極性形 HR : 耐リップル形 DL : 充放電対策用 HF : 高周波保証用 U : UL 部品 C : CSA 部品 W : UL-CSA 部品 F : リード線成形
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\* **容量値**

● **電解コンデンサの場合**

22 2 ⇒ 2200μF  
有効数字につづく0の数を表わす。  
2桁の有効数字を表わす。  
単位はμF

2R 2 ⇒ 2.2μF  
1桁の有効数字を表わす。  
2桁の有効数字で小数点はRで表わす。  
単位はμF

● **電解コンデンサ以外の場合**

22 2 ⇒ 2200pF=0.0022μF  
有効数字につづく0の数を表わす。  
(0の数が2以上の場合)  
2桁の有効数字を表わす。  
単位はpF

22 1 ⇒ 220pF  
有効数字につづく0の数を表わす。  
(0の数が0または1の場合)  
2桁の有効数字を表わす。  
単位はpF

● **耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。**

## PARTS LIST OF P.W.B. UNIT ASS'Y (DN-X900)

\*本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

\* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。

\* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.

E2 : Europe model

E3 : U.S.A. & Canada model

### OUTPUT PWB

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC116		00D 958 7059 203	LC78211			
IC117		00D 958 7058 408	LC78213			
IC216		00D 958 7059 203	LC78211			
IC316		00D 958 7059 203	LC78211			
IC416		00D 958 7059 203	LC78211			
IC510		00D 958 7058 903	NJM-2068M-TE2			
IC701		00D 958 7059 407	BA15218F/BA15218FE2			
IC703		00D 958 7058 602	NJM4580D			
IC705		00D 958 7058 602	NJM4580D			
IC114-115		00D 958 7036 200	NJM4580M-TE2			
IC214-215		00D 958 7036 200	NJM4580M-TE2			
IC314-315		00D 958 7036 200	NJM4580M-TE2			
IC414-415		00D 958 7036 200	NJM4580M-TE2			
Q701-708		00D 958 7057 904	2SD2114K			
<b>CAPACITORS GROUP</b>						
C197-198		00D 958 7032 505	ELEC. (22uF/16V,M)			
C297-298		00D 958 7032 505	ELEC. (22uF/16V,M)			
C397-398		00D 958 7032 505	ELEC. (22uF/16V,M)			
C497-498		00D 958 7032 505	ELEC. (22uF/16V,M)			
C555-556		00D 958 7032 505	ELEC. (22uF/16V,M)			
C703-704		00D 958 7033 300	ELEC. (47uF/16V,M)			
C707-708		00D 958 7055 401	POLYESTER (0.0033uF/100V,J)			
C709-710		00D 958 7032 505	ELEC. (22uF/16V,M)			
C715-716		00D 958 7033 300	ELEC. (47uF/16V,M)			
C719-720		00D 958 7055 401	POLYESTER (0.0033uF/100V,J)			
C721-722		00D 958 7032 505	ELEC. (22uF/16V,M)			
C727-728		00D 958 7033 300	ELEC. (47uF/16V,M)			
C731-732		00D 958 7055 401	POLYESTER (0.0033uF/100V,J)			
C733-734		00D 958 7032 505	ELEC. (22uF/16V,M)			
C741-742		00D 958 7032 505	ELEC. (22uF/16V,M)			
C755-756		00D 958 7033 300	ELEC. (47uF/16V,M)			
C761-762		00D 958 7033 300	ELEC. (47uF/16V,M)			
<b>OTHERS PARTS GROUP</b>						
*	nsp	00D 958 7066 209	6P SOCKET(CKM2001WV-6P)			*
CN701A	nsp	00D 958 7048 609	13P 1.0 FFC CONNECTOR			
CN702	nsp	00D 941 0025 100	4P SOCKE(B4B-PH-K-S)			
CN703A	nsp	00D 958 7048 502	8P 1.0 FFC CONNECTOR			
CN902	nsp	00D 958 7048 706	16P FFC CONNECTOR			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
JK101		00D 958 7067 907	RP RCA JACK			*
JK201		00D 958 7067 907	RP RCA JACK			*
JK301		00D 958 7067 907	RP RCA JACK			*
JK401		00D 958 7061 204	4P RCA JACK(RJ-1073B*09-0520A)			
JK501		00D 958 7061 408	MIC JACK(97M-1008P-H)			
JK701		00D 958 7061 204	4P RCA JACK(RJ-1073B*09-0520A)			
JK703-704		00D 958 7067 703	XLR JACK			*
SW101		00D 958 7048 308	SLIDE SW(SSSF122NA1-HF)			
SW201		00D 958 7048 308	SLIDE SW(SSSF122NA1-HF)			
SW301		00D 958 7048 308	SLIDE SW(SSSF122NA1-HF)			
SW701		00D 958 7048 308	SLIDE SW(SSSF122NA1-HF)			
SW702		00D 958 7048 308	SLIDE SW(SSSF122NA1-HF)			
*		-	GROUND WIRE(L=120mm)			

### BOOTH & HEADPHONE & CH VR PWB

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC704		00D 958 7036 006	BA15218F/BA15218FE2			
Q709-712		00D 958 7057 904	2SD2114K			
<b>RESISTORS GROUP</b>						
VR105		00D 958 7060 603	SLIDE VR(50K(0B)*2			
<b>CAPACITORS GROUP</b>						
C769-770		00D 958 7067 004	ELEC. (47uF/16V,M)			*
C773-774		00D 958 7067 004	ELEC. (47uF/16V,M)			*
<b>OTHERS PARTS GROUP</b>						
W704	nsp	00D 958 7050 309	6P 2.0 CONNECTOR WIRE(L=50mm)			
W801A	nsp	00D 958 7050 406	4P 2.0 CONNECTOR WIRE(L=100mm)			
CN803	nsp	00D 958 7050 901	4P SOCKET(B4B-PH-K)			
JK601		00D 958 7037 209	HEADPHONE JACK			
JK705-706		00D 958 7067 703	HEADPHONE JACK			*
		-	JACK GRAND PLATE			
*		00D 958 7066 403	3P SOCKET(B3B-XH-A)			*

## POWER PWB

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>							
⚠	IC01		00D 958 7035 502	NJM7815FA			
⚠	IC02		00D 958 7059 504	NJM7915FA			
⚠	IC03		00D 958 7058 107	BA05T			
	IC04		00D 958 7058 505	BD4745G/BD4745G-TR			
	IC111		00D 958 7067 606	CS8415A			*
	IC112		00D 958 7067 305	CS4334			*
	IC113		00D 958 7036 200	NJM-5480M-TE2			
	IC211		00D 958 7067 606	CS8415A			*
	IC212		00D 958 7067 305	CS4334			*
	IC213		00D 958 7036 200	NJM-5480M-TE2			
	IC311		00D 958 7067 606	CS8415A			*
	IC312		00D 958 7067 305	CS4334			*
	IC313		00D 958 7036 200	NJM-5480M-TE2			
	IC411		00D 958 7067 606	CS8415A			*
	IC412		00D 958 7067 305	CS4334			*
	IC413		00D 958 7036 200	NJM-5480M-TE2			
	IC511		00D 958 7058 903	NJM-2068M-TE2			
	IC901-902		00D 958 7059 407	BA15218F/BA15218FE2			
	IC904		00D 958 7067 402	PCM1800E			*
	IC905		00D 958 7068 003	74HC04/74HC04DT			*
	IC906		00D 958 7067 509	CS8405A			*
	IC907		00D 958 7059 407	BA15218F/BA15218FE2			
	IC908		00D 958 7059 407	BA15218F/BA15218FE2			
⚠	D01-10		00D 958 7056 808	1N4004			
	D103-106		00D 958 7056 905	SM4002A			
	D107-108		00D 958 7056 905	SM4002A			
	D12-11		00D 958 7056 604	1SS132/1SS133			
	D203-206		00D 958 7056 905	SM4002A			
	D207-208		00D 958 7056 905	SM4002A			
	D303-306		00D 958 7056 905	SM4002A			
	D307-308		00D 958 7056 905	SM4002A			
	D403-406		00D 958 7056 905	SM4002A			
	D407-408		00D 958 7056 905	SM4002A			
	Q01		00D 958 7057 603	2SC3330U-AC			
	Q04		00D 958 7057 807	DTA124TS/2SA1589/DTA124TSATP			
	Q05		00D 958 7057 506	DTA124EKA-T146			
	Q06		00D 958 7057 700	DTC114EKAT146			
	Q101-102		00D 958 7057 904	2SD2114K			
	Q103		00D 958 7057 506	DTA124EKA-T146			
	Q201-202		00D 958 7057 904	2SD2114K			
	Q203		00D 958 7057 506	DTA124EKA-T146			
	Q301-302		00D 958 7057 904	2SD2114K			
	Q303		00D 958 7057 506	DTA124EKA-T146			
	Q401-402		00D 958 7057 904	2SD2114K			
	Q403		00D 958 7057 506	DTA124EKA-T146			
	Q901-904		00D 958 7057 904	2SD2114K			
	Q905-908		00D 958 7057 904	2SD2114K			
	Q909-910		00D 958 7057 409	2SC2412KT146R			
	Q911		00D 958 7057 904	2SD2114K			



	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	X901		00D 958 7068 304	CRYSTAL(11.289MHZ)			*
	ZD01 ZD02		00D 958 0075 501 00D 958 7057 001	MTZJ10-B MTZJ5.6-B			
<b>RESISTORS GROUP</b>							
	VR606 VR901		00D 958 7060 409 00D 958 7060 409	ROTARY VR(RD902F-20-16KW-B20K-00D) ROTARY VR(RD902F-20-16KW-B20K-00D)			
<b>CAPACITORS GROUP</b>							
⚠	C002-003		00D 958 7056 002	AC SAFETY (0.01uF/250V,M)			
⚠	C01-02		00D 941 0024 402	ELEC. (2200uF/35V,M)			
⚠	C03-04		00D 958 7055 100	ELEC. (100uF/25V,M1)			
⚠	C05		00D 958 7053 500	ELEC. (2200uF/16V,M)			
⚠	C06		00D 958 7053 306	ELEC. (100uF/10V,M)			
⚠	C07		00D 958 7055 207	ELEC. (220uF/35V,M)			
⚠	C09		00D 958 7032 408	ELEC. (22uF/16V,M)			
⚠	C11-12		00D 958 7053 704	CAPACITOR (0.1uF,M)			
⚠	C13-14		00D 958 7053 704	CAPACITOR (0.1uF,M)			
⚠	C15		00D 958 7053 704	CAPACITOR (0.1uF,M)			
⚠	C16		00D 958 7053 704	CAPACITOR (0.1uF,M)			
⚠	C17		00D 958 7053 704	CAPACITOR (0.1uF,M)			
	C18		00D 958 7053 704	CAPACITOR (0.1uF,M)			
	C185-186		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C285-286		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C385-386		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C485-486		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C563-564		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C574		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C905		00D 958 7055 508	POLYESTER (0.1uF/100V,J)			
	C909		00D 958 7055 809	ELEC. (0.22uF/50V,M)			
	C911-912		00D 958 7055 906	ELEC. (100uF/16V,M)			
	C945-948		00D 958 7033 300	ELEC. (47uF/16V,M)			
	C959-960		00D 958 7032 408	ELEC. (22uF/16V,M)			
<b>OTHERS PARTS GROUP</b>							
⚠	CN01	nsp	00D 958 7050 600	2P 3.96 SOCKET			
⚠	CN02	nsp	00D 958 7050 707	2P 3.96 SOCKET			
⚠	CN03	nsp	00D 958 7050 600	2P 3.96 SOCKET			
⚠	CN04	nsp	00D 958 7051 007	5P 3.96 SOCKET			
	CN601A		00D 958 7050 008	6P 1.0 FFC CONNECTOR			
	CN901A		00D 958 7049 909	17P 1.0 FFC CONNECTOR			
	CN902A-903A		00D 958 7048 706	16P FFC CONNECTOR			
⚠	FS01-02		00D 958 7061 505	FUSE(1A/250V) E3	E3		
⚠	FS01-04		00D 958 7061 602	FUSE(1A,250V) E2	E2		
⚠	FS03		00D 958 7061 709	FUSE(1.5A/250V) E3	E3		
⚠	FS04		00D 958 7061 505	FUSE(1A/250V) E3	E3		
	*	nsp	00D 958 0045 609	FUSE COVER			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	JK102		00D 958 7037 306	HEADPHONE JACK			
	JK103		00D 958 7068 100	1P RCA JACK			*
	JK202		00D 958 7037 306	HEADPHONE JACK			
	JK203		00D 958 7068 100	1P RCA JACK			*
	JK302		00D 958 7037 306	HEADPHONE JACK			
	JK303		00D 958 7068 100	1P RCA JACK			*
	JK402		00D 958 7037 306	HEADPHONE JACK			
	JK403		00D 958 7068 100	1P RCA JACK			*
	JK502		00D 958 7046 601	MIC JACK			
	JK503		00D 958 7060 904	MIC JACK			
	JK901		00D 958 7037 306	HEADPHONE JACK			
	JK902		00D 958 7060 904	MIC JACK			
	JK903-906		00D 958 7046 601	MIC JACK			
	JK907		00D 958 7068 100	1P RCA JACK			*
	JK909-910		00D 958 7060 904	MIC JACK			
⚠	L001		00D 958 7057 205	INDUCTOR(LF-2217)			
	L101		00D 958 7057 108	BEAD CORE(86-019-A-TAPING)			
	L201		00D 958 7057 108	BEAD CORE(86-019-A-TAPING)			
	L301		00D 958 7057 108	BEAD CORE(86-019-A-TAPING)			
	L401		00D 958 7057 108	BEAD CORE(86-019-A-TAPING)			
	L901-904		00D 958 7057 108	BEAD CORE(86-019-A-TAPING)			
	MD901		00D 958 7067 800	OPTICAL CONNECTOR(OC-0802T*002)			*
	T901		00D 958 7067 208	COIL(P-7GB)			*
	*		-	JACK GROUND PLATE			
	*		-	BRACKET(L TYPE)			
	*	nsp	00D 958 7061 000	FUSE CLIPS(FC-1206/WL-210A,15A)			
	*		-	SEGREGATE SHEET			
	*		-	SPACER SUPPORT			
	*		00D 958 7062 300	CANOE CLIPS(MB-1S)			
	*	nsp	00D 941 0019 501	SCREW(M3*8,P=0.5,BLACK)			
	*	nsp	00D 958 7038 907	SCREW(M3*P0.5*5L)			

## MIXER &amp; CPU PWB

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC101-103 IC104		00D 958 7059 009 00D 958 7059 407	NJM-2060V-TE1 BA15218F/BA15218FE2			
IC105 IC106 IC107 IC108 IC109		00D 958 7058 806 00D 958 7036 103 00D 958 7059 106 00D 958 7035 308 00D 958 7059 106	LC78212 M51132L NJM-4558M-TE3 78L12 NJM-4558M-TE3			
IC201-203 IC204 IC205 IC206 IC209		00D 958 7059 009 00D 958 7059 407 00D 958 7058 806 00D 958 7036 103 00D 958 7059 106	NJM-2060V-TE1 BA15218F/BA15218FE2 LC78212 M51132L NJM-4558M-TE3			
IC301-303 IC304 IC305 IC306 IC307		00D 958 7059 009 00D 958 7059 407 00D 958 7058 806 00D 958 7036 103 00D 958 7059 106	NJM-2060V-TE1 BA15218F/BA15218FE2 LC78212 M51132L NJM-4558M-TE3			
IC309 IC401-403 IC404 IC405 IC406		00D 958 7059 106 00D 958 7059 009 00D 958 7059 407 00D 958 7058 806 00D 958 7036 103	NJM-4558M-TE3 NJM-2060V-TE1 BA15218F/BA15218FE2 LC78212 M51132L			
IC409 IC501-502 IC503 IC504 IC509		00D 958 7059 106 00D 958 7059 407 00D 958 7059 407 00D 958 7059 300 00D 958 7058 408	NJM-4558M-TE3 BA15218F/BA15218FE2 BA15218F/BA15218FE2 NJM-2058V-TE1 LC78213			
IC601-603 IC604 IC605 IC606-609 IC610		00D 958 7059 407 00D 958 7058 408 00D 958 7059 407 00D 958 7059 407 00D 958 7059 407	BA15218F/BA15218FE2 LC78213 BA15218F/BA15218FE2 BA15218F/BA15218FE2 BA15218F/BA15218FE2			
IC611 IC612-613 IC615 IC616 IC617		00D 958 7059 407 00D 958 7059 407 00D 958 7058 408 00D 958 7059 407 00D 958 7035 104	BA15218F/BA15218FE2 BA15218F/BA15218FE2 LC78213,DIP30 BA15218F/BA15218FE2 NJM-4556AD			
IC801 IC802 IC803-804 IC805		00D 958 7064 900 00D 958 7058 000 00D 958 7058 709 00D 958 7058 204	CPU IC PCB ASS'Y ADC0838CCWM 74AHC595D BA033FP-E2	PIC18F8520		
D101 D102 D201-202 D301-302 D401-402		00D 958 7056 701 00D 958 7056 701 00D 958 7056 701 00D 958 7056 701 00D 958 7056 701	RB160M-30 RB160M-30 RB160M-30 RB160M-30 RB160M-30			
D503 D504 D505 D507-508		00D 958 7056 701 00D 958 7056 701 00D 958 7051 900 00D 958 7056 701	RB160M-30 RB160M-30 LED(GREEN,LTL-1CHJGDNN) RB160M-30			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	D601		00D 958 7051 609	BLUE LED(LTL912TBKS)			
	D602		00D 958 7051 706	LED(RED,LTL-16KE)			
	D603-604		00D 958 7056 701	RB160M-30			
	D605A		00D 958 7051 706	LED(RED,LTL-16KE)			
	D873-876		00D 958 7051 706	LED(RED,LTL-16KE)			
	D877		00D 958 7052 006	LED(YELLOW,LTL-1CHJSDNN)			
	D878		00D 958 7051 706	LED(RED,LTL-16KE)			
	D879		00D 958 7052 006	LED(YELLOW,LTL-1CHJSDNN)			
	D880		00D 958 7051 706	LED(RED,LTL-16KE)			
	D881		00D 958 7051 900	LED(LTL1CHJGDNN,GREEN)			
	D882		00D 958 7052 006	LED(YELLOW,LTL-1CHJSDNN)			
	D883		00D 958 7051 706	LED(RED,LTL-16KE)			
	D884-885		00D 958 7052 006	LED(YELLOW,LTL-1CHJSDNN)			
	D886		00D 958 7051 706	LED(RED,LTL-16KE)			
	D887		00D 958 7052 006	LED(YELLOW,LTL-1CHJSDNN)			
	D888		00D 958 7051 900	LED(GREEN,LTL-1CHJGDNN)			
	D889		00D 958 7056 604	1SS132/1SS133			
	D890-893		00D 958 7067 101	1SS355			*
	Q07		00D 958 7057 506	DTA124EKA-T146			
	Q08		00D 958 7057 700	DTC114EKAT146			
	Q501-502		00D 958 7057 506	DTA124EKA-T146			
	Q503-504		00D 958 7057 302	2SA1037AKT146R/2SA1037AKR			
	Q505-506		00D 958 7057 904	2SD2114K			
	Q508		00D 958 7057 904	2SD2114K			
	Q509-510		00D 958 7057 904	2SD2114K			
	Q601-606		00D 958 7057 904	2SD2114K			
	Q801-804		00D 958 7057 700	DTC114EKAT146			
	Q806-817		00D 958 7057 700	DTC114EKAT146			
	X801		00D 958 7061 806	CRYSTAL 8MHZ			
	ZD501		00D 958 7034 600	MTZJ10-B			
<b>RESISTORS GROUP</b>							
	VR101		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR102-104		00D 958 7060 001	ROTARY VR(20KB*2,RD902F-40)			
	VR201		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR202-204		00D 958 7060 001	ROTARY VR(20KB*2,RD902F-40)			
	VR301		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR302-304		00D 958 7060 001	ROTARY VR(20KB*2,RD902F-40)			
	VR401		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR402-404		00D 958 7060 001	ROTARY VR(20KB*2,RD902F-40)			
	VR501-502		00D 958 7059 708	ROTARY VR(20KA,RD901F-40)			
	VR503-508		00D 958 7060 108	ROTARY VR(50KB,RD901F-40)			
	VR601		00D 958 7060 302	ROTARY VR(50KMN*2,RD902F-40.)			
	VR602-603		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR604		00D 958 7060 205	ROTARY VR(50KB*2,RD902F-40)			
	VR605		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR606		00D 958 7060 506	ROTARY VR(50KB*2,RD902F-40)			
	VR607		00D 958 7059 805	ROTARY VR(20KA*2,RD902-40)			
	VR801		00D 958 7059 902	ROTARY VR(20KB,RD901F-40)			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>CAPACITORS GROUP</b>							
	C101-102		00D 958 7056 206	ELEC. (1uF/50V,M)			
	C109-110		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C125-126		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C131-132		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C137-138		00D 958 7056 303	ELEC. (10uF/25V,M)			
	C141-142		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C147		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C155		00D 958 7033 601	ELEC.(100uF/16V,M)			
	C201-202		00D 958 7056 206	ELEC. (1uF/50V,M)			
	C209-210		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C225-226		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C231-232		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C237-238		00D 958 7056 303	ELEC. (10uF/25V,M)			
	C241-242		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C247		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C301-302		00D 958 7056 206	ELEC. (1uF/50V,M)			
	C309-310		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C325-326		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C331-332		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C337-338		00D 958 7056 303	ELEC. (10uF/25V,M)			
	C341-342		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C347		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C401-402		00D 958 7056 206	ELEC. (1uF/50V,M)			
	C409-410		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C425-426		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C431-432		00D 958 7056 109	POLYESTER (0.1uF/63V,J)			
	C437-438		00D 958 7056 303	ELEC. (10uF/25V,M)			
	C441-442		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C447		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C506		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C615-616		00D 958 7032 408	ELEC. (22uF/16V,M)			
	C635-636		00D 958 7055 304	ELEC. (4.7uF/50V,M)			
	C643-644		00D 958 7056 400	ELEC. (22uF/16V,M)			
	C651-652		00D 958 7033 300	ELEC. (47uF/16V,M)			
	C661-662		00D 958 7055 304	ELEC. (4.7uF/50V,M)			
	C663-664		00D 958 7056 507	ELEC. (100uF/25V,M)			
	C669-670		00D 958 7056 303	ELEC. (10uF/25V,M)			
	C815-816		00D 958 7055 605	ELEC. (0.47uF/50V,M)			
<b>OTHERS PARTS GROUP</b>							
	CN01		00D 958 7068 207	BOLT TERMINAL(JP-18L-T)			*
	CN04		00D 958 7068 207	BOLT TERMINAL(JP-18L-T)			*
	CN101A	nsp	00D 958 7049 200	5P 1.0 FFC CONNECTOR			
	CN201	nsp	00D 958 7049 404	5P 1.0FFC CONNECTOR			
	CN201A	nsp	00D 958 7049 200	5P 1.0 FFC CONNECTOR			
	CN301	nsp	00D 958 7049 404	5P 1.0FFC CONNECTOR			
	CN301A	nsp	00D 958 7049 200	5P 1.0 FFC CONNECTOR			
	CN401	nsp	00D 958 7049 404	5P 1.0FFC CONNECTOR			
	CN401A	nsp	00D 958 7049 200	5P 1.0 FFC CONNECTOR			
	CN501	nsp	00D 958 7050 105	6P 1.0 FFC CONNECTOR			
	CN501A	nsp	00D 958 7050 008	6P 1.0 FFC CONNECTOR			
	CN601	nsp	00D 958 7050 105	6P 1.0 FFC CONNECTOR			
	CN603	nsp	00D 958 7049 006	18P 1.0 FFC CONNECTOR			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	CN603A CN604 CN604A CN701	nsp nsp nsp nsp	00D 958 7049 006 00D 958 7048 900 00D 958 7049 608 00D 958 7048 609	18P 1.0 FFC CONNECTOR 9P 1.0 FFC CONNECTOR 9P 1.0 FFC CONNECTOR 13P 1.0 FFC CONNECTOR			
	CN703 CN801 CN802 CN802A CN901	nsp nsp nsp nsp nsp	00D 958 7049 501 00D 958 7048 803 00D 958 7049 307 00D 958 7049 307 00D 958 7049 802	8P 1.0 FFC CONNECTOR 20P FFC CONNECTOR 25P 1.0 FFC CONNECTOR 25P FFC CONNECTOR 17P FFC CONNECTOR			
	CN903  SW801-804 SW805 SW806	nsp  nsp nsp nsp	00D 958 7048 706  00D 958 7048 104 00D 958 7047 804 00D 958 7047 901	16P FFC CONNECTOR  SLIDE SW(L=11mm) ROTARY SW(SR1712F-0105) ROTARY SW(SR1712-0108)			
	SW807-810 SW811-813 SW814-830  L801-802	    nsp	941663004260P 00D 958 7048 007 00D 958 7048 201  00D 958 7057 108	ROTARY SW(SR1712F-0109) SLIDE SW(L=11mm) TACT SW(SFKHVBD3510-HF)  BEAD CORE(86-019-A)			
	W702 W803-806 W807	nsp nsp nsp	00D 958 7050 202 00D 958 7049 705 00D 958 7050 804	4P 2.0 CONNECTOR WIRE(L=220mm) 4P 2.0 CONNECTOR WIRE(L=80mm) 4P SOCKET(S4B-PH-K)			
	* * * * *	nsp nsp nsp nsp nsp	00D 941 0019 501 00D 958 7045 806 00D 958 7038 305 00D 958 7045 806 00D 958 7050 503	SCREW(M3*8,P=0.5,BLACK) LED BASE SPACER SUPPORT LED BASE 3P 2.5 CONNECTOR WIRE(L=80mm)			
	* *  * *	nsp nsp  nsp nsp	00D 958 7066 306 00D 958 7066 102  00D 958 7066 500 00D 958 7066 607	4P SOCKET 5P SOCKET(CKM2001WV-5P)  9P FFC CABLE(L=190mm) 25P FFC CABLE(L=100mm)			* *  * *
	* * * * *	    nsp	00D 958 7066 704 00D 958 7066 801 00D 958 7066 908 - -	18P FFC CABLE(L=270mm) 5P FFC CABLE(L=90mm) 6P FFC CABLE(L=90mm) WIRE(BLACK,L=78mm) GROUND WIRE(L=85mm)			* * *  
	* *  *	nsp nsp  nsp	00D 958 7062 407 00D 958 7062 203  -	LED HOLDER(LED3-10,WHITE) LED HOLDER(LED3-8-B,BLACK)  EVA CUSHION			

## LEVER METER PWB

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>							
	D801-802		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D803-805		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D806-812		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	D813-814		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D815-817		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D818-824		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	D825-826		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D827-829		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D830-836		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	D837-838		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D839-841		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D842-848		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	D849-850		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D851-853		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D854-860		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	D861-862		00D 958 7052 103	LED(RED,LTST-C190KRKT)			
	D863-865		00D 958 7052 200	LED(YELLOW,LTST-C190KSKT6)			
	D866-872		00D 958 7051 803	LED(YELLOW/GREEN,LTST-C190KGKT)			
	Q818-829		00D 958 7057 302	2SA1037AKT146R/2SA1037AKR			
	Q830-835		00D 958 7057 302	2SA1037AKT146R/2SA1037AKR			
<b>CAPACITORS GROUP</b>							
	C820-821		00D 958 7054 907	ELEC. (100uF/10V,M)			
<b>OTHERS PARTS GROUP</b>							
	CN801A	nsp	00D 958 7049 103	25P FFC CONNECTOR			
	*	nsp	00D 958 7045 806	LED HOLDER			

## PARTS LIST OF P.W.B. UNIT ASS'Y (ACD-46)

\* 本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

\* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。

\* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.

E2 : Europe model

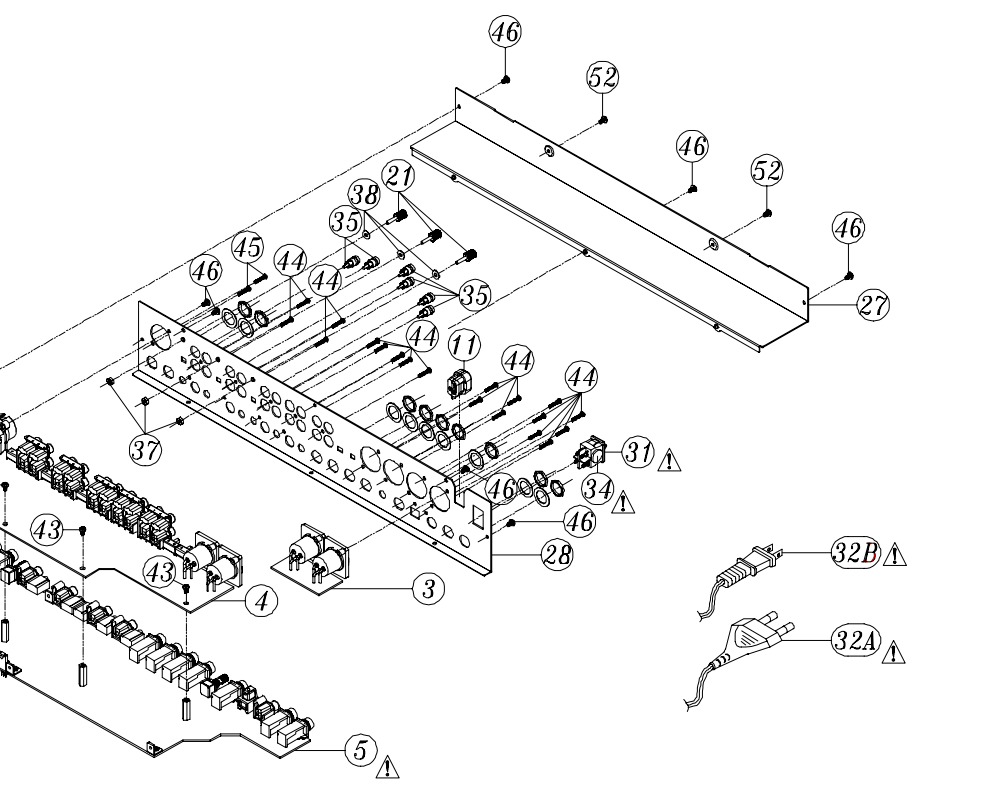
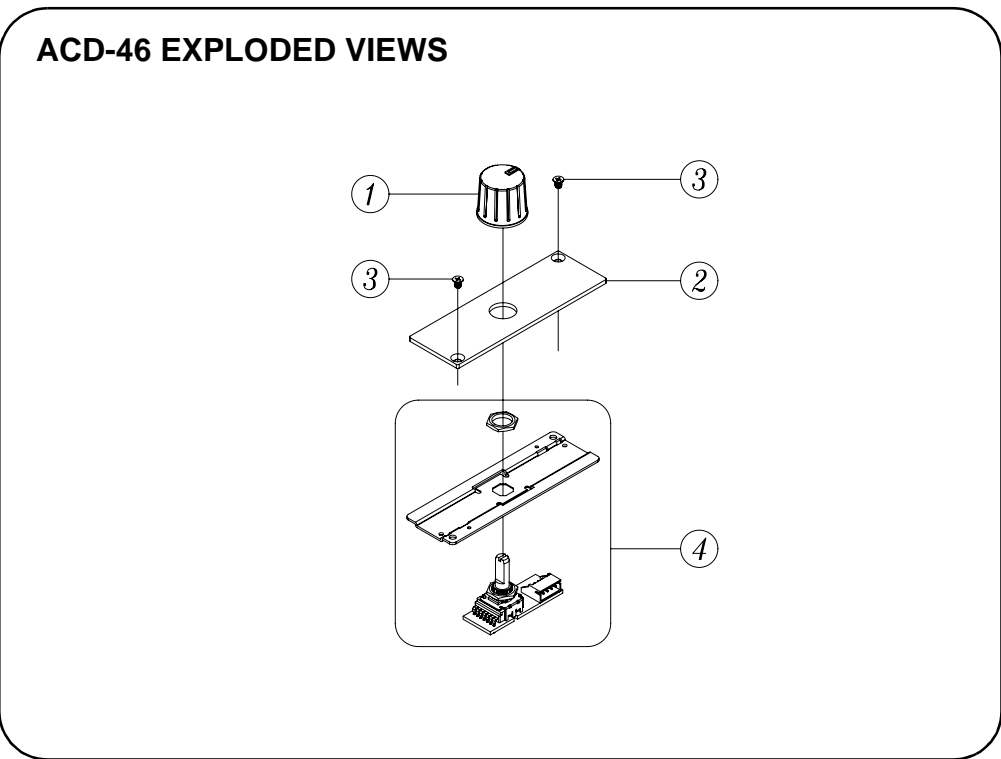
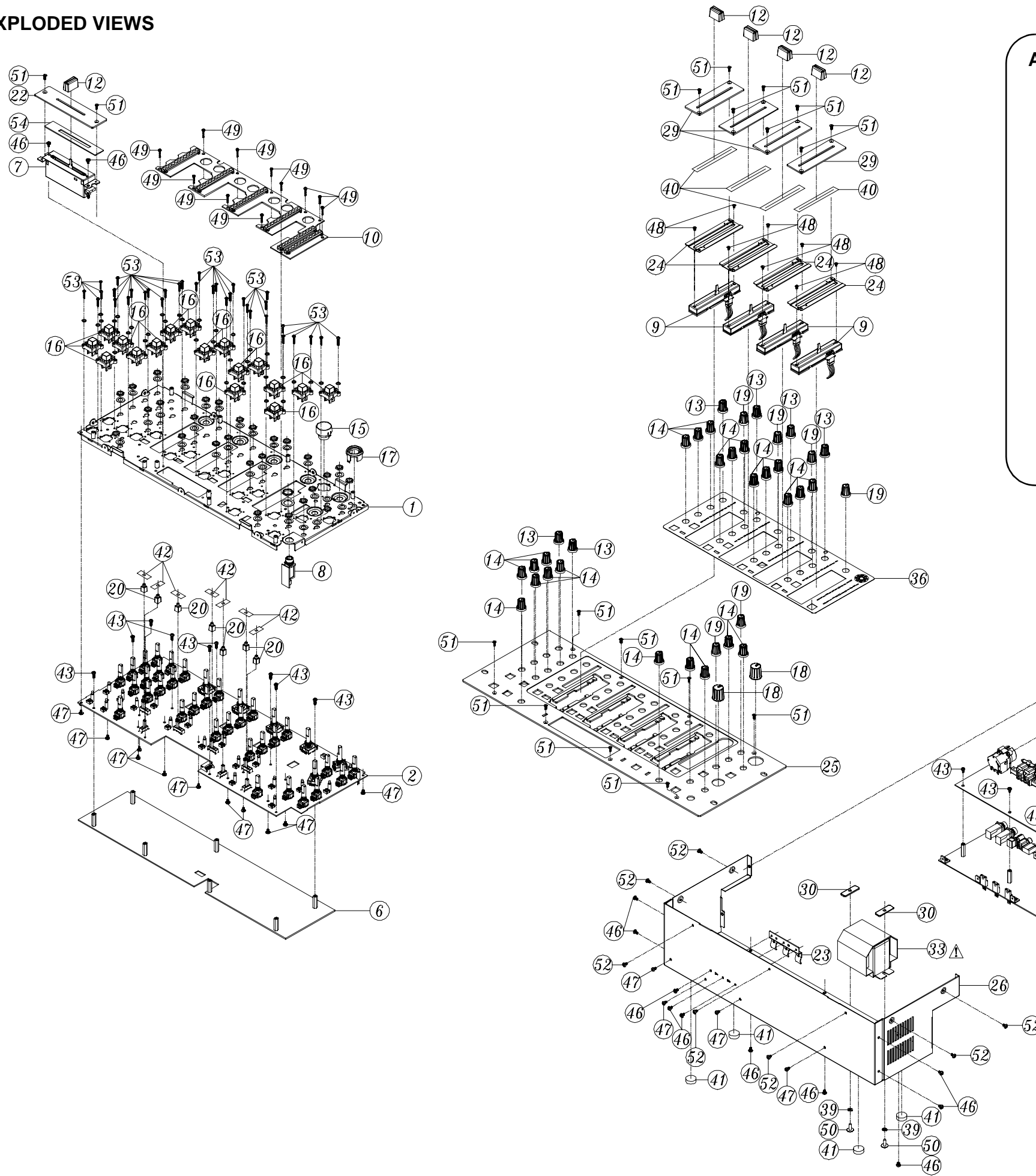
E3 : U.S.A. & Canada model

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>RESISTORS GROUP</b>							
	VR105		-	ROTARY VR(50KB,RV142AF-40E1-20A-B50K-0036)			
<b>OTHERS PARTS GROUP</b>							
	CN803		-	4P 2.0 SOCKET(S4B-PH-K,JST,90Åã)			
	*		-	FIXED PLATE			



EXPLODED VIEWS

DN-X900 EXPLODED VIEWS



**WARNING:**  
Parts marked with this symbol  $\triangle$  have critical characteristics.  
Use ONLY replacement parts recommended by the manufacturer.

$\triangle$ 印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

## PARTS LIST OF EXPLODED VIEW

\*本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

\* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。

\* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.

E2 : Europe model      E3 : U.S.A. & Canada model

## PARTS LIST (DN-X900)

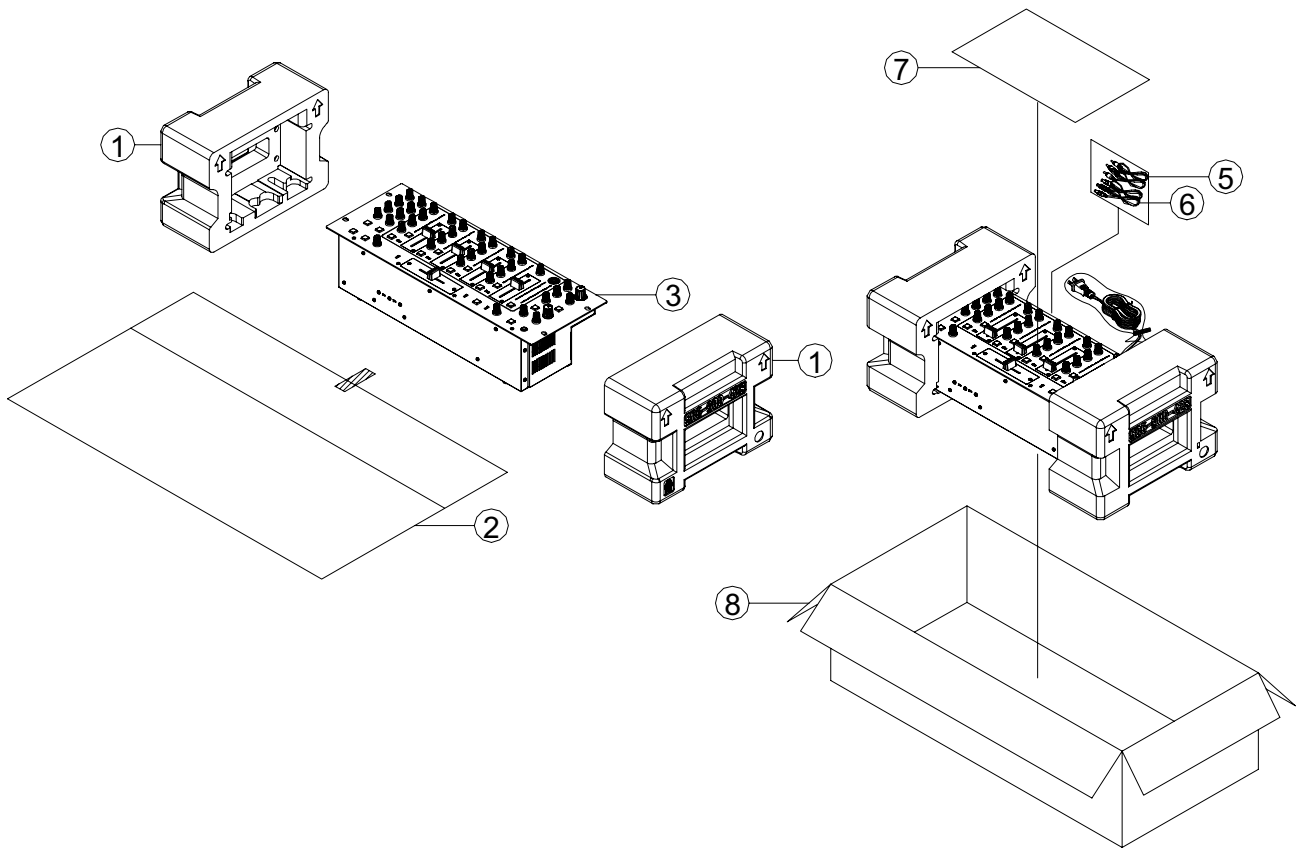
	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	1	nsp	00D 958 7064 007	FRONT BOARD ASS'Y		1	
	2	nsp	00D 958 7068 702	MIXER PWB ASS'Y		1	*
	3	nsp	00D 958 7068 906	BOOTH PWB ASS'Y		1	*
	4	nsp	00D 958 7069 206	OUTPUT PWB ASS'Y		1	*
⚠	5	nsp	00D 958 7069 109	POWER PWB ASS'Y	E2	1	*
⚠	5	nsp	00D 958 7069 400	POWER PWB ASS'Y	E3	1	*
	6	nsp	00D 958 7068 809	CPU PWB ASS'Y		1	*
	7		00D 958 7069 303	CROSS FADER		1	*
	8	nsp	00D 958 7069 002	HEADPHONE PWB ASS'Y		1	*
	9	nsp	00D 958 7065 006	CH VR PWB ASS'Y		4	
	10	nsp	00D 958 7065 103	LEVER METER PWB ASS'Y		1	
	11	nsp	00D 958 7046 504	CORD BUSH(SZ)		1	
	12		00D 958 7045 505	PUSH KNOB		5	
	13		00D 958 7045 602	ROTARY KNOB		6	
	14		00D 958 7045 709	ROTARY KNOB		24	
	15		00D 958 7045 903	TRANSPARENT MEDIA ADAPTER		1	
	16		00D 958 7046 009	SQUARE KNOB		17	
	17		00D 958 7046 106	JACKET		1	
	18		00D 958 7046 203	LARGE ROTARY KNOB		2	
	19		00D 958 7046 300	SMALL ROTARY KNOB		6	
	20		00D 958 7046 407	SQUARE PUSH KNOB		7	
	21		00D 958 7013 605	GROUND PIN		3	
	22		00D 958 7047 707	VR BOARD		1	
	23	nsp	00D 958 7046 708	FIXED PLATE FOR IC		1	
	24		00D 958 7047 309	CH FIXED PLATE		4	
	25		00D 958 7068 401	FRONT PANEL		1	*
	26	nsp	00D 958 7047 406	BOTTOM BASE		1	
	27	nsp	00D 958 7065 909	BACK COVER	E2	1	*
	27	nsp	00D 958 7066 005	BACK COVER	E3	1	*
	28	nsp	00D 958 7068 508	BACK BOARD		1	*
	29		00D 958 7047 503	CH VR BOARD		4	
	30	nsp	00D 958 7047 600	BRACKET TRANSFORMER		2	
⚠	31		00D 958 7015 302	POWER SW		1	
⚠	32A		00D 958 7051 502	AC POWER CORD(VDE TYPE)		1	
⚠	32B		00D 958 7051 405	AC POWER CORD(UL TYPE)		1	
⚠	33		00D 958 7052 404	TRANSFORMER(AC230V)	E2	1	
⚠	33		00D 958 7052 307	TRANSFORMER(AC115V)	E3	1	
⚠	34		00D 958 7056 002	0.01uF/250V,M,BULK 16,Y5V		1	
	35		00D 958 7061 107	RCA ADAPTOR PLUG(A028)		6	
	36		00D 958 7069 507	DECORATION		1	*
	37		-	NUT(M3*P0.5)		3	
	38		00D 958 7039 508	WASHER(8*3.2*1t,NI)		3	
	39		00D 958 7063 600	SPRING		2	
	40	nsp	00D 958 7063 804	HIMELON		5	
	41		00D 958 7063 901	MAT FORBASE		4	
	42	nsp	00D 958 7063 707	CUSHION		7	

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	43	nsp	00D 941 0019 501	SCREW(M3*8,P=0.5,BLACK)		13	
	44	nsp	00D 958 7063 406	SCREW((PTP,M3*10)		19	
	45	nsp	00D 958 7063 309	SCREW(ISO,M3*8)		2	
	46	nsp	00D 958 7063 503	SCREW(BTB,3*5,ZB)		19	
	47	nsp	00D 958 7038 907	SCREW(M3*P0.5*5L)		15	
	48	nsp	00D 958 7039 207	SCREW(ISOF,3*4,ZS)		8	
	49	nsp	00D 958 7063 105	SCREW(JMP,2.6*5,ZB)		11	
	50	nsp	00D 958 7063 202	SCREW(W.STN,4*10,ZS)		2	
	51	nsp	00D 958 7063 008	SCREW(CTF,3*7)		18	
	52	nsp	00D 958 7062 805	SCREW(WBTP3*5 CAP=7)		9	
	53	nsp	00D 958 7062 902	SCREW(WBTP,2.6*8,CAP=6)		34	
	54		-	WASHER		1	

### PARTS LIST (ACD-46)

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	1		00D 958 7065 200	GREAT JOB TURNING KNOB		1	*
	2		00D 958 7065 307	CH VR PLATE		1	*
	3	nsp	00D 958 7065 404	SCREW(ISOF,3*4,ZS)		2	*
	4		00D 958 7065 501	FIXED PLATE & ROTARY CH VR P.W.B. ASS'Y		1	*

## DN-X900 PACKING VIEW



## DN-X900 PARTS LIST OF PACKING & ACCESSORIES

\* 本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

\* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。

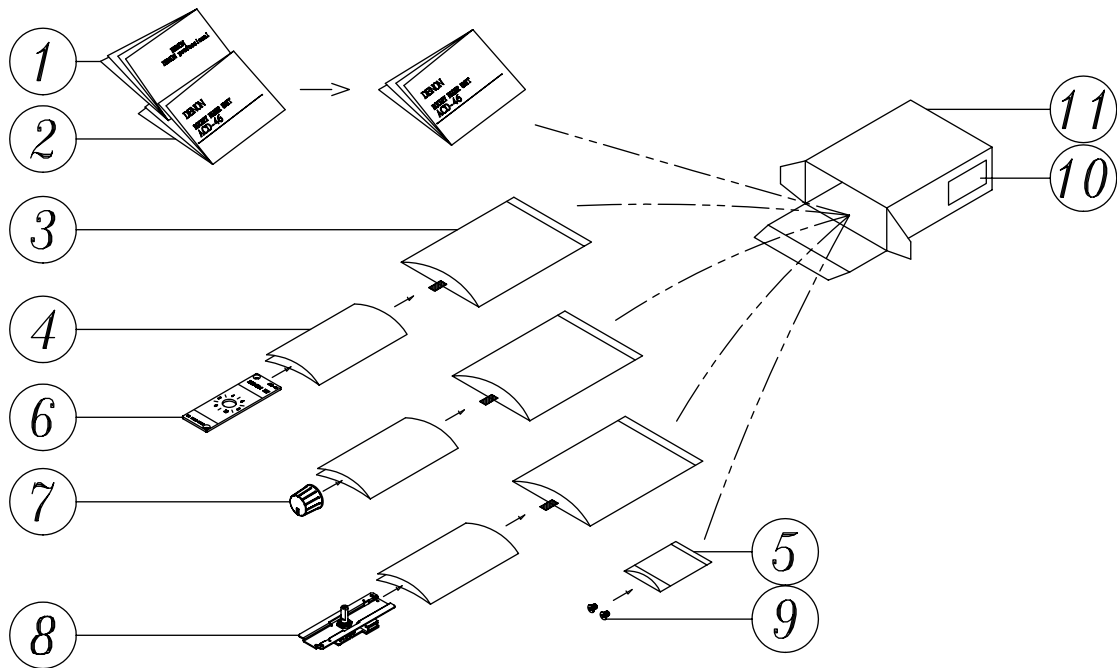
\* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.

E2 : Europe model      E3 : U.S.A. & Canada model

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
1	nsp	00D 958 7062 504	POLY FOAM		2	
2	nsp	00D 958 7062 708	SOFT BAG		1	
3		-	MIXER		1	
5		00D 958 7051 201	3.5mm STEREO CORD-NI		2	
6		00D 958 7051 308	2P RCA PATH CORD		2	
7		00D 958 7062 009	INST. MANUAL		1	
8	nsp	00D 958 7068 605	GIFT BOX		1	*

## ACD-46 PACKING VIEW



## ACD-46 PARTS LIST OF PACKING & ACCESSORIES

\* 本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

\* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。

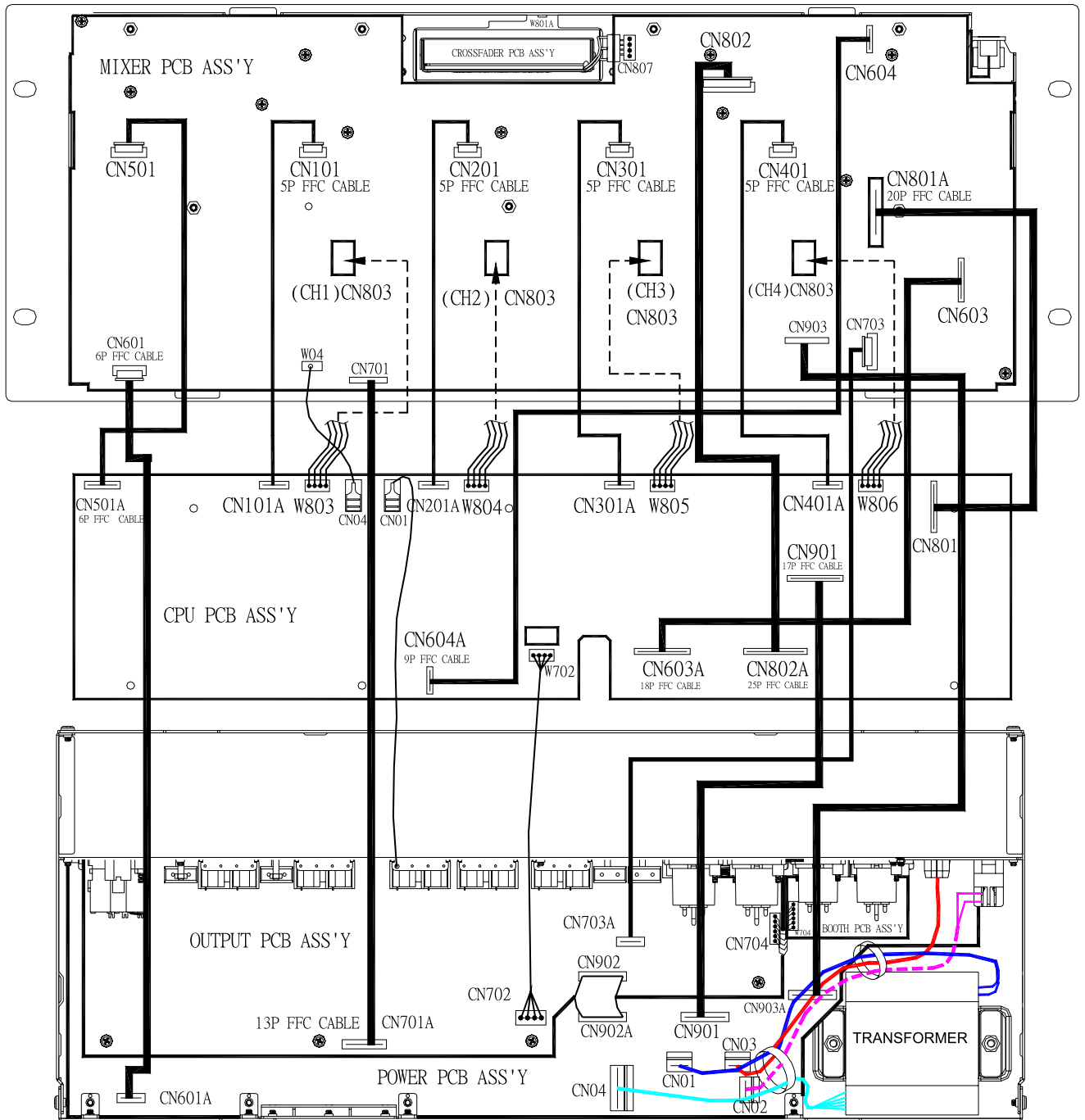
\* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.

E2 : Europe model      E3 : U.S.A. & Canada model


Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
1		-	SERVICE STATION LIST		1	
2		00D 958 7065 608	I/B		1	*
3		-	POLY BAG		3	
4		-	PASTE BOARD		3	
5		-	POLY BAG(PE,35*50mm)		1	
6		-	CH VR PLATE		1	
7		-	GREAT JOG TURNING KNOB		1	
8		-	FIXED PLATE & ROTARY CH VR P.W.B. ASS'Y		1	
9		-	SCREW(ISOF,3*4,ZS)		2	
10	nsp	00D 958 7065 705	BAR CODE		1	*
11	nsp	00D 958 7065 802	GIFT BOX		1	*

WIRING DIAGRAM



## NOTE FOR SCHEMATIC DIAGRAM

### WARNING:

Parts marked with this symbol  have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

### CAUTION:

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.


### WARNING:

DO NOT return the unit to the customer until the problem is located and corrected.

### NOTICE:

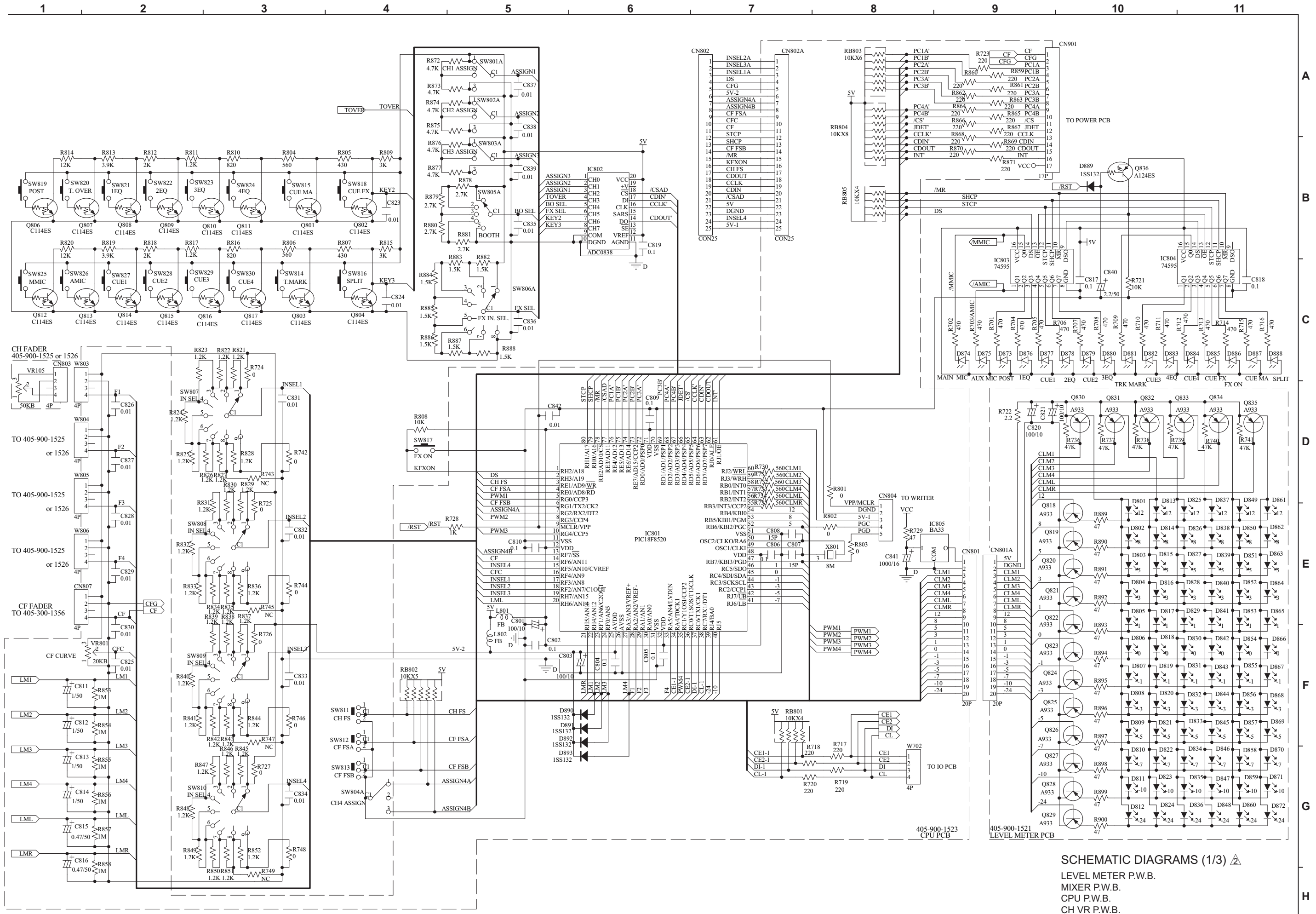
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM  
M=1,000,000 OHM  
ALL CAPACITANCE VALUES IN MICRO FARAD.  
P=MICRO-MICRO FARAD  
EACH VOLTAGE AND CURRENT ARE MEASURED AT  
NO SIGNAL INPUT CONDITION.  
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE  
WITHOUT PRIOR NOTICE.

## 配線図について

 印の部品は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

### 注)

- (1) 指定なき抵抗値は  $\Omega$ 、k は k  $\Omega$ 、M は M  $\Omega$  を示す。
- (2) 指定なきコンデンサーの値は  $\mu\text{F}$ 、p は pF を示す。
- (3) 各部の電圧は無信号の値を示す。
- (4) この配線図は基本配線図です。改良等のため変更することがありますのでご了承ください。

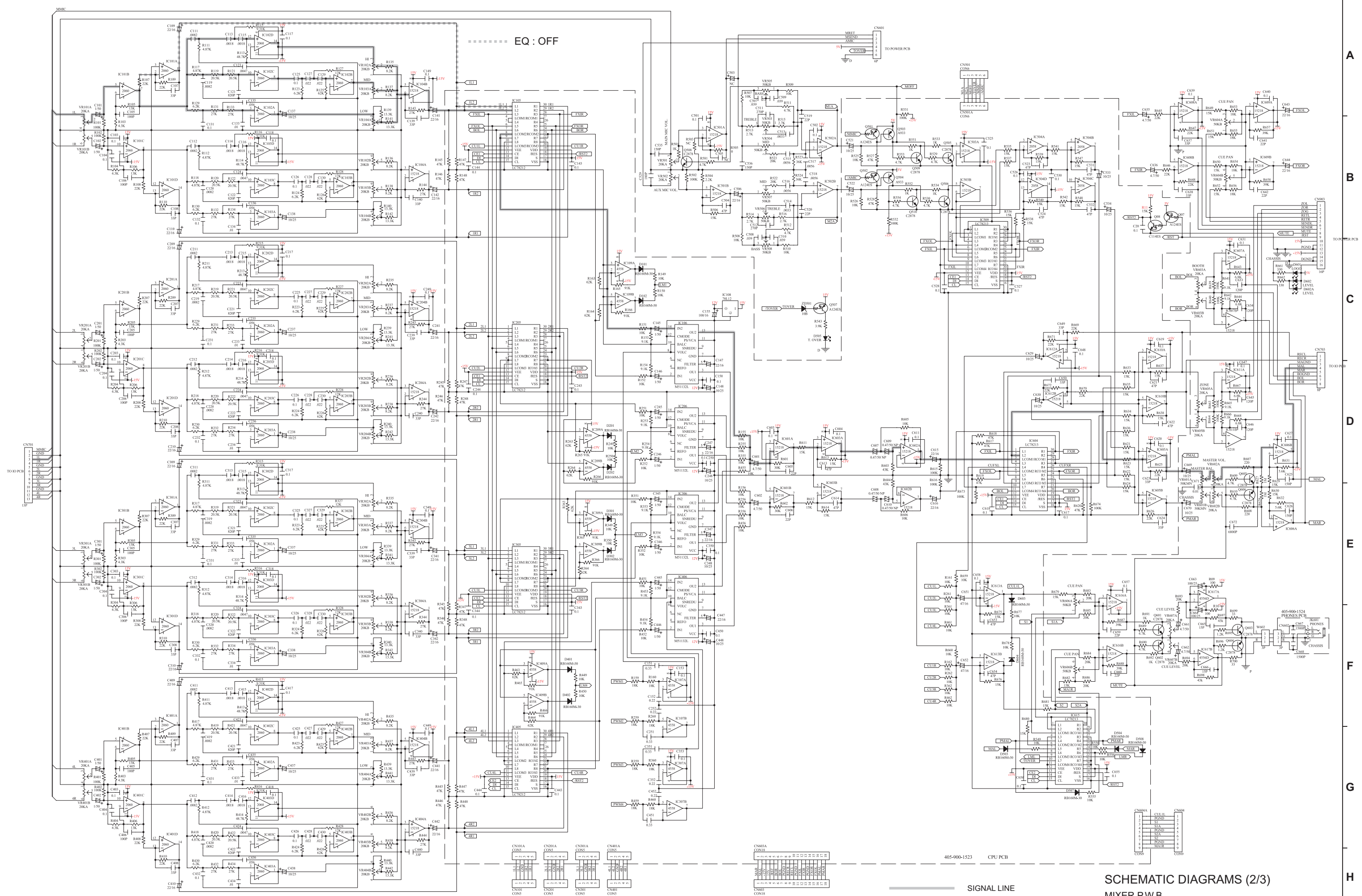


SCHEMATIC DIAGRAMS (1/3)

LEVEL METER P.W.B.  
 MIXER P.W.B.  
 CPU P.W.B.  
 CH VR P.W.B.



1 2 3 4 5 6 7 8 9 10 11



SIGNAL LINE

SCHEMATIC DIAGRAMS (2/3)  
 MIXER P.W.B.  
 CPU P.W.B.  
 PHONE P.W.B.

SCHEMATIC DIAGRAMS (3/3)

1

2

3

4

5

6

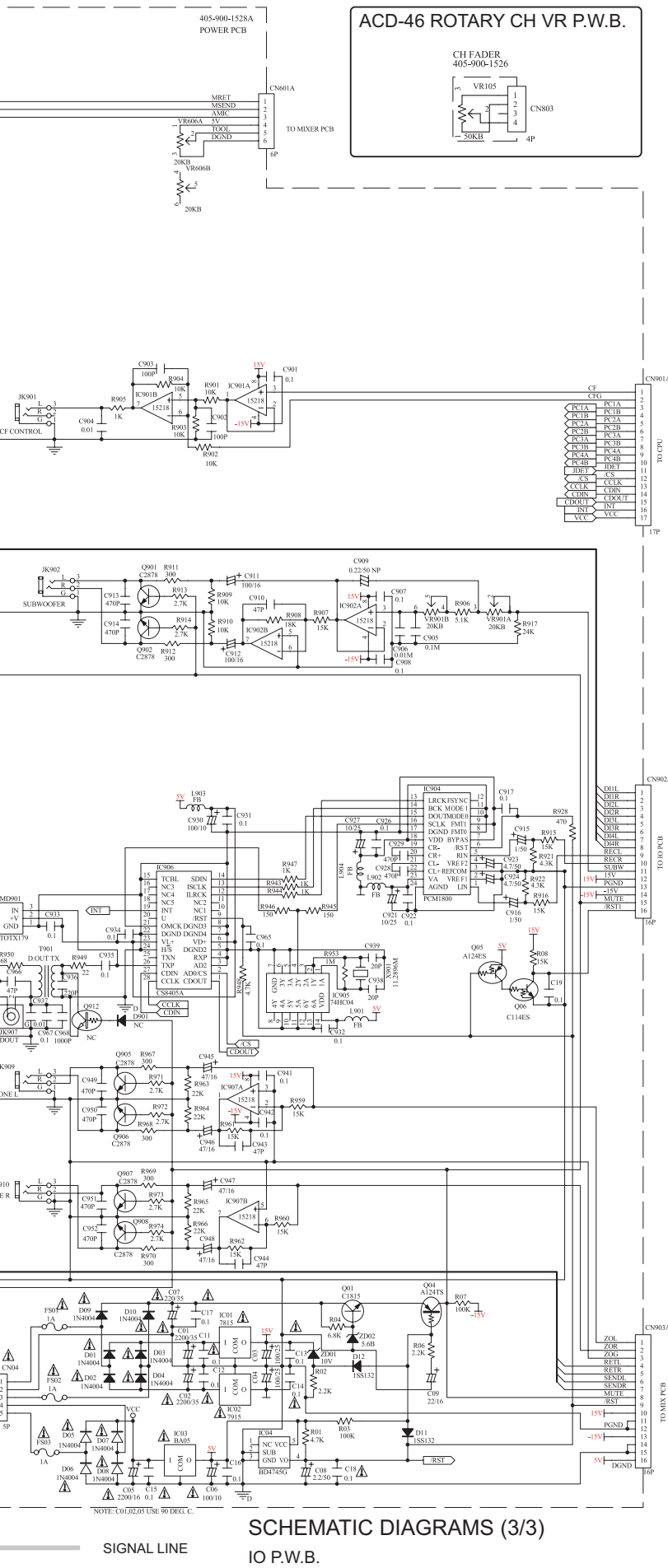
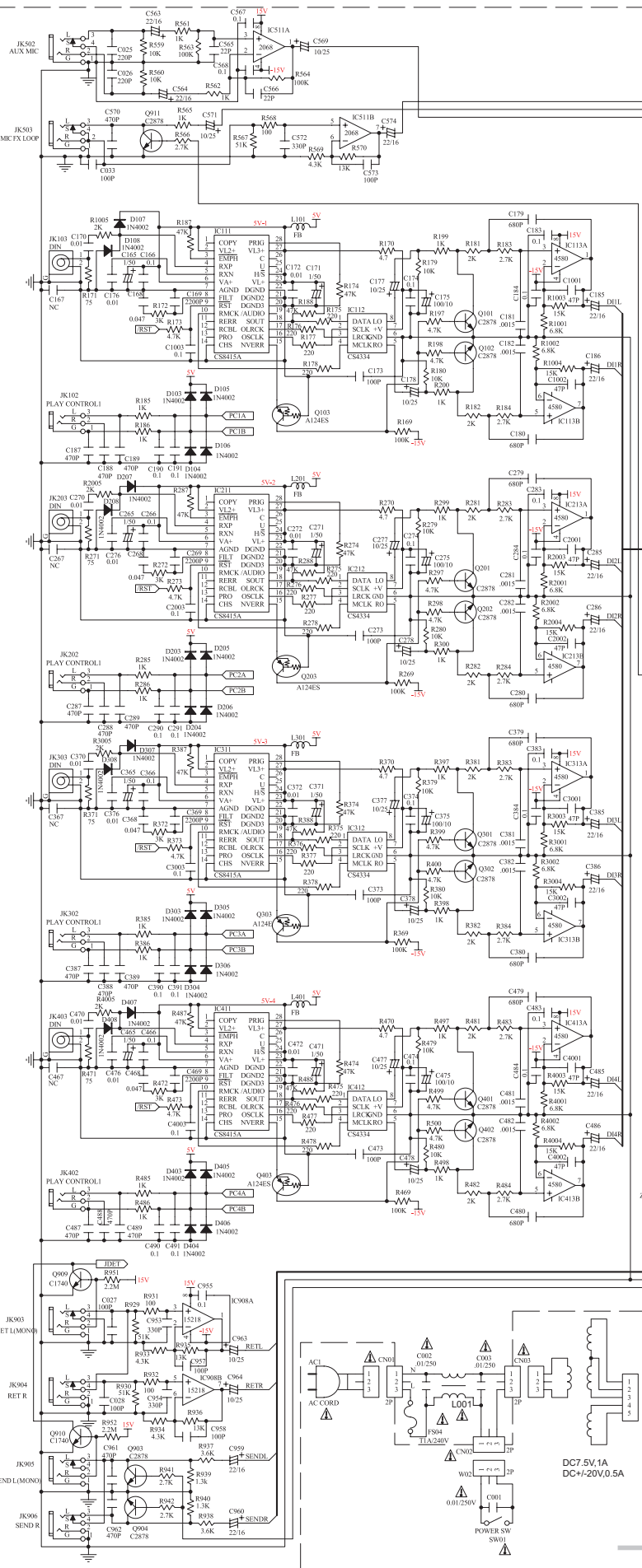
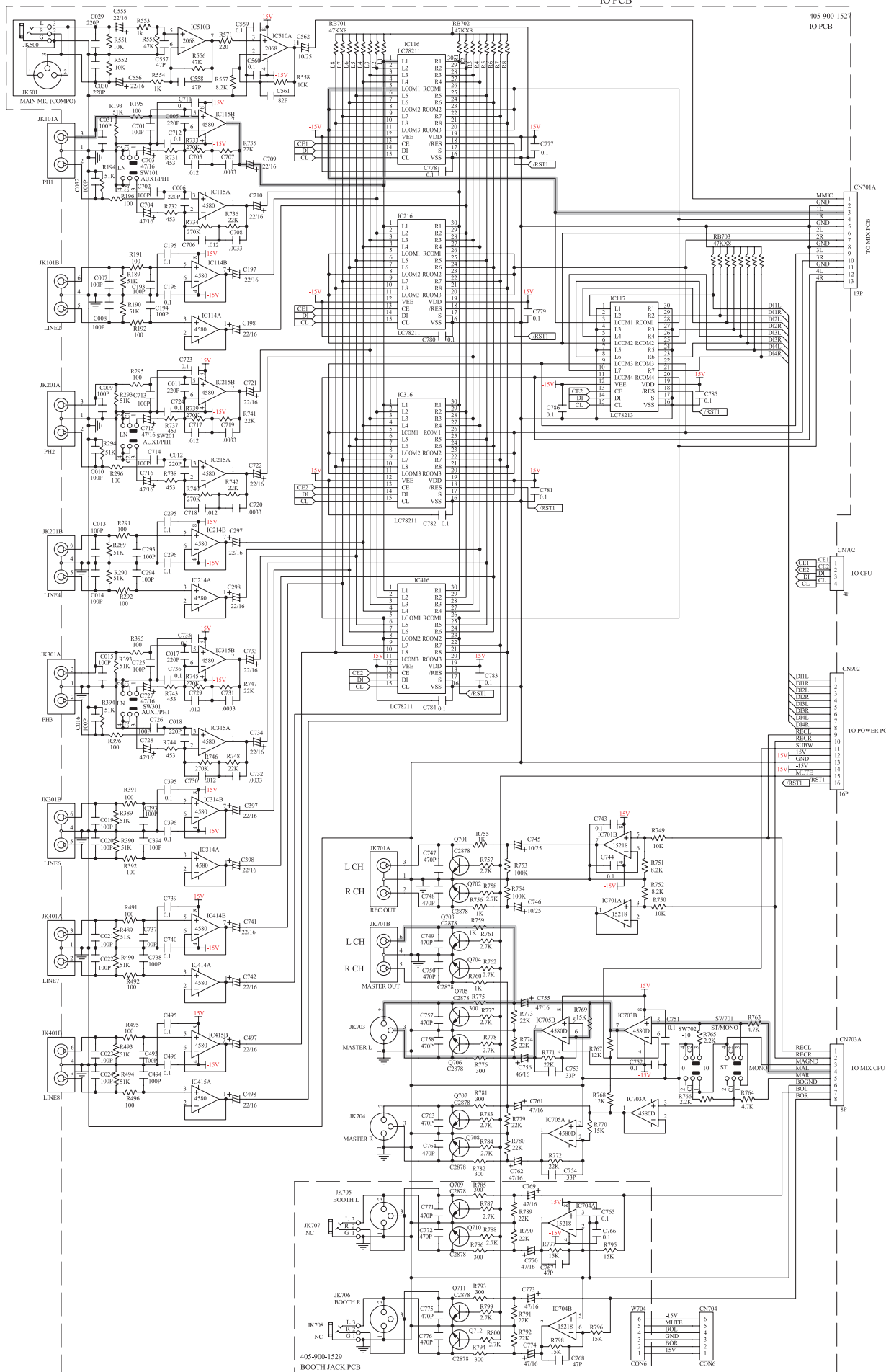
7

8

9

10

11



SCHEMATIC DIAGRAMS (3/3)  
IO P.W.B.  
POWER P.W.B.  
BOOTH JACK P.W.B.  
ACD-46 ROTARY CH VR P.W.B.

## DOCUMENTS FOR WEEE

### Details of Recycle Parts (DN-X900)

\* You have to remove the parts that marked "WEEE Mark ◆" when the recycling processing. (Europe model only)

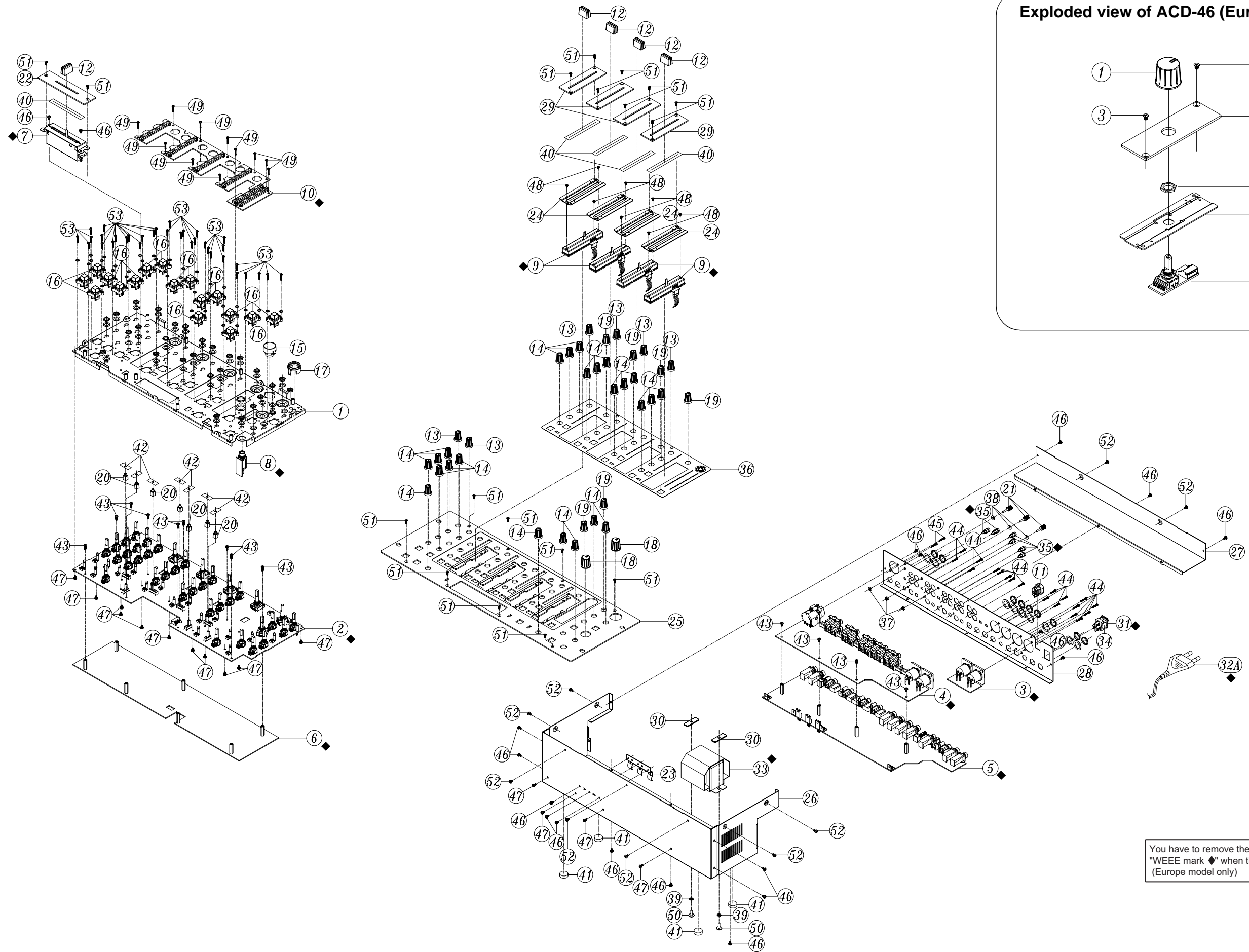
Ref. No.	WEEE MARK	Part Name	Material	Q'ty
1	◆	FRONT BOARD ASS'Y	COMPLEX	1
2	◆	MIXER PWB ASS'Y	COMPLEX	1
3	◆	BOOTH PWB ASS'Y	COMPLEX	1
4	◆	OUTPUT PWB ASS'Y	COMPLEX	1
5	◆	POWER PWB ASS'Y	COMPLEX	1
5	◆	POWER PWB ASS'Y	COMPLEX	1
6	◆	CPU PWB ASS'Y	COMPLEX	1
7	◆	CROSS FADER & FIXED PLATE ASS'Y	COMPLEX	1
8	◆	HEADPHONE PWB ASS'Y	COMPLEX	1
9	◆	CH VR PWB ASS'Y	COMPLEX	4
10	◆	LEVER METER PWB ASS'Y	COMPLEX	1
11		CORD BUSH(SZ)	PA	1
12		PUSH KNOB	ABS	5
13		ROTARY KNOB(ABS)	ABS	6
14		ROTARY KNOB(ABS)	ABS	24
15		TRANSPARENT MEDIA ADAPTER	ABS	1
16		SQUARE KNOB	ABS	17
17		JACKET	PC	1
18		LARGE ROTARY KNOB(ABS)	ABS	2
19		SMALL ROTARY KNOB(ABS)	ABS	6
20		SQUARE PUSH KNOB	ABS	7
21		GROUND PIN	STEEL	3
22		VR BOARD(IRON,2t)	STEEL	1
23		FIXED PLATE FOR IC(SECC,1t)	STEEL	1
24		CH FIXED PLATE	STEEL	4
25		FRONT PANEL	STEEL	1
26		BOTTOM BASE	STEEL	1
27		BACK COVER	STEEL	1
28		BACK BOARD	STEEL	1
29		CH VR BOARD	STEEL	4
30		BRACKET TRANSFORMER	STEEL	2
31	◆	POWER SW	COMPLEX	1
32A	◆	AC POWER CORD(VDE TYPE)	COMPLEX	1
33		TRANSFORMER(AC230V)	COMPLEX	1
34	◆	0.01uF/250V,M,BULK 16,Y5V	COMPLEX	1
35	◆	RCA ADAPTOR PLUG(A028)	COMPLEX	6
36		DECORATION	PC	1
37		NUT(M3*P0.5)	STEEL	3
38		WASHER(8*3.2*1t,NI)	STEEL	3
39		SPRING	STEEL	2
40		HIMELON	NONWOVEN	5
41		MAT FORBASE	NONWOVEN	4
42		CUSHION	NONWOVEN	7
43		SCREW(M3*8,P=0.5,BLACK)	STEEL	13
44		SCREW((PTP,M3*10)	STEEL	19
45		SCREW(ISO,M3*8)	STEEL	2
46		SCREW(BTB,3*5,ZB)	STEEL	19
47		SCREW(M3*P0.5*5L)	STEEL	15
48		SCREW(ISO,F,3*4,ZS)	STEEL	8
49		SCREW(JMP,2.6*5,ZB)	STEEL	11
50		SCREW(W.STN,4*10,ZS)	STEEL	2
51		SCREW(CTF,3*7)	STEEL	18
52		SCREW(WBTP3*5 CAP=7)	STEEL	9
53		SCREW(WBTP,2.6*8)	STEEL	34

**Details of Recycle Parts (ACD-46)**

\* You have to remove the parts that marked "WEEE Mark ◆" when the recycling processing. (Europe model only)

Ref. No.	WEEE MARK	Part Name	Material	Q'ty
1		GREAT JOB TURNING KNOB	ABS	1
2		CH VR PLATE	STEEL	1
3		SCREW(ISOF,3*4,ZS)	STEEL	2
4-1		NUT	STEEL	1
4-2		FIX PLATE	STEEL	1
4-3	◆	ROTARY CH VR PWB ASS'Y	COMPLEX	1

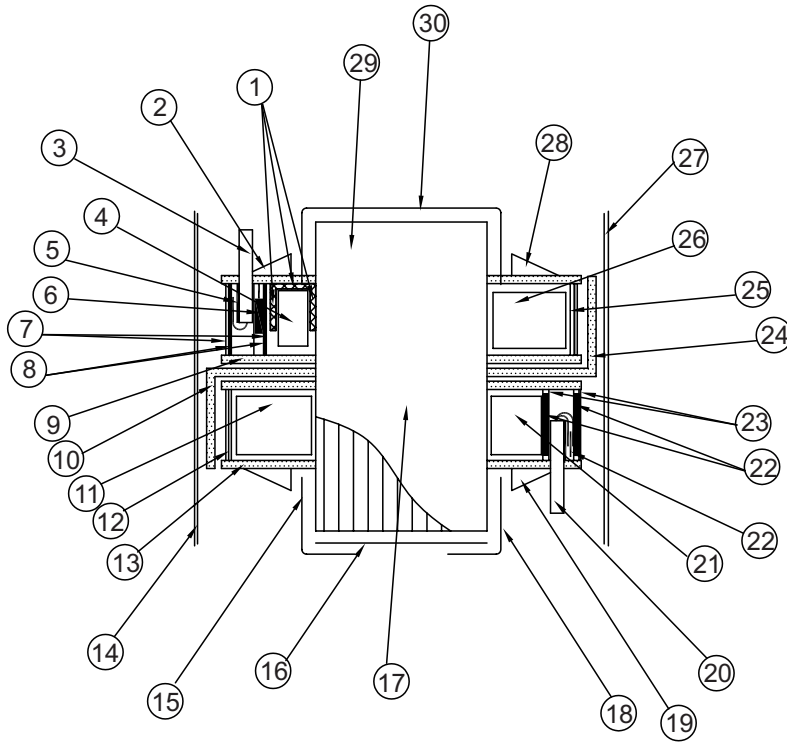
Exploded view of DN-X900 (Europe model)



You have to remove the parts that marked "WEEE mark ♻️" when the recycling processing. (Europe model only)

Details of Recycle parts for Power transformer

Part No.33 : POWER TRANS



No.	Material
1	COMPLEX
2	PET
3	COMPLEX
4	COPPER WIRE
5	COMPLEX
6	COMPLEX
7	COMPLEX
8	STEEL
9	PET
10	PET
11	COPPER WIRE
12	COMPLEX
13	PET
14	COMPLEX
15	STEEL
16	STEEL
17	STEEL
18	STEEL
19	PET
20	COMPLEX
21	COPPER WIRE
22	STEEL
23	COMPLEX
24	STEEL
25	COMPLEX
26	COPPER WIRE
27	COMPLEX
28	PET
29	STEEL
30	STEEL