

TASCAM
TEAC Professional Division

SERVICE MANUAL

M-2600

Recording Mixer

INSTRUCTIONS FOR SERVICE PERSONNEL

BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

1. SPECIFICATIONS

仕様

Electrical Characteristics

MIC IN (XLR-type, Balanced)

Input impedance : 2.2k ohms (Pad off)
2.6k ohms (Pad on)

Input Level : - 55 dBm (1.4 mV, Trm
max.) to + 16 dBm (4.9 V,
Trim min., Pad on)

TRIM Range : 51 dB

Pad Attenuation : 20 dB

LINE IN (1/4", Balanced/Unbalanced)

Input Impedance : 5 kohms (Pad off)
8 kohms (Pad on)

Input Level : - 49 dBm (2.8 mV, Trim
max.) to + 22 dBm (9.8 V,
Trim min., Pad on)

TRIM Range : 51 dB

Pad Attenuation : 20 dB

TAPE IN (RCA, Unbalanced)

Input Impedance : 10 kohms

Nominal Input Level : - 10 dBV (0.3 V)

Maximum Input Level : + 15 dBV (5.6 V)

EFFECT RETURNS (1/4", Unbalanced)

Input Impedance : 10 kohms

Nominal Input Level : - 10 dBV (0.3 V)

Minimum Input Level : - 20 dBV (0.1 V)

Channel INSERT (1/4" Stereo, Unbalanced)

Output Impedance : 100 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

Input Impedance : 9 kohms

Nominal Input Level : - 2 dBu (0.6 V)

Maximum Input Level : + 23 dBu (10.9 V)

GROUP INSERT (1/4" Stereo, Unbalanced)

Output Impedance : 100 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

Input Impedance : 9 kohms

Nominal Input Level : - 2 dBu (0.6 V)

Maximum Input Level : + 23 dBu (10.9 V)

STEREO INSERT (1/4" Stereo, Unbalanced)

Output Impedance : 100 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

Input Impedance : 8 kohms

Nominal Input Level : - 2 dBu (0.6 V)

Maximum Input Level : + 23 dBu (10.9 V)

GROUP OUTPUTS (DIRECT OUTPUTS) (RCA, Unbalanced)

Output Impedance : 1 kohms

Nominal Output Level : - 10 dBV (0.3 V)

Maximum Output Level : + 15 dBV (5.6 V)

2TR IN (XLR-type, Balanced)

Input Impedance : 50 kohms

Nominal Input Level : + 4 dBm (1.2 V)

Maximum Input Level : + 29 dBm (21.8 V)

EXT IN (RCA, Unbalanced)

Input Impedance : 25 kohms

Nominal Input Level : - 10 dBV (0.3 V)

Maximum Input Level : + 15 dBV (5.6 V)

AUX SENDS (1/4", Unbalanced)

Output Impedance : 100 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

CR OUT (1/4", Unbalanced)

Output Impedance : 500 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

STEREO OUT (XLR-type, Balanced)

Output Impedance : 100 ohms

Nominal Output Level : + 4 dBm (1.2 V)

Maximum Output Level : + 29 dBm (21.8 V, at 2
kohms load)

STEREO OUT (RCA, Unbalanced)

Output Impedance : 500 ohms

Nominal Output Level : - 10 dBV (0.3 V)

Maximum Output Level : + 15 dBV (5.6 V)

STUDIO OUT (1/4", Unbalanced)

Output Impedance : 500 ohms

Nominal Output Level : - 2 dBu (0.6 V)

Maximum Output Level : + 23 dBu (10.9 V)

Headphones Output (1/4" Stereo, Unbalanced)

Maximum Output Level : 100 mW + 100 mW
(34 ohms)

Equalizer

Type : 4-band, 2-sweepable

Frequency :

HI : 12 kHz, shelving type

HI MID : 400 Hz to 16 kHz sweepable, bell type

LO MID : 40 Hz to 1.6 kHz sweepable, bell type

LO : 80 Hz, shelving type

Boost/Cut : ± 16 dB (approx.)

Channel Monitor, and Master OL Indicator

Flashing Level : -3 dB (approx.) below clipping level
(+23 dBu)

METER

Type : 12 dot LED meter plus OL indicator

Power Requirements

USA/CANADA : 120 V AC, 60 Hz
EUROPE : 230 V AC, 50Hz
JAPAN : 100 V AC, 50-60 Hz

Power Consumption

M-2600/32 : 100 Watts
M-2600/24 : 85 Watts
M-2600/16 : 70 Watts

Typical Performance**Noise level (DIN AUDIO)****GROUP OUTPUTS Noise (LINE IN, Channel fader at the unity gain)****[32-input/24-input/16-input]**

Master fader down : -107 dBV
All channel assign OFF, Master fader at the unity gain : -102 dBV
All channel assign ON, Master fader at the unity gain : -84/-86/-87 dBV
1 channel assign ON, Mster fader at the unity gain : -97 dBV

STEREO OUTPUTS Noise (RCA, TAPE IN (Flip ON), Channel fader at the unity gain)**[32-input/24-input/16-input]**

Master fader down : -107 dBV
All channel assign OFF, Monitor MUTE ON, Master fader at the unity gain : -102 dBV
All channel assign ON, Monitor MUTE ON, Master fader at the unity gain : -89/-90/-91 dBV

STEREO OUTPUTS S/N (XLR-type, TAPE IN (Flip ON), Channel fader at the unity gain)**[32-input/24-input/16-input]**

Master fader down : 97 dBV
All channel assign ON, Monitor MUTE ON, Master fader at the unity gain : 79/80/81 dB

Equivalent Mic Input Noise (BPF : DIN AUDIO, Maximum gain, 150 ohms terminated) : -129 dB**CMRR**

MIC Input (10 kHz at Maximum level) : 75 dB

Total Harmonic Distortion (THD)

1 LINE IN to any unbalanced output : 0.006 %
1 LINE IN to STEREO OUTPUTS (XLR) : 0.008 %

Frequency Response (at nominal level)

MIC/LINE IN to GROUP OUT :
20 Hz to 25 kHz, +0/-1 dB
HEADPHONE : 20 Hz to 20 kHz, +0/-2 dB

Crosstalk (1 kHz)

Channel/Group Fader Attenuation : 88 dB
Stereo Fader Attenuation : 90 dB
Adjacent Channel Direct Out Crosstalk : 90 dB
Adjacent Group/Stereo Pan Pot Crosstalk : 65 dB

Others**Dimensions (WxHxD)**

M-2600/32 : 1,294 × 189 × 760 mm (50.9" × 7.4" × 29.9")
M-2600/24 : 1,062 × 189 × 760 mm (41.8" × 7.4" × 29.9")
M-2600/16 : 829 × 189 × 760 mm (32.6" × 7.4" × 29.9")
PS-2600 : 482 × 141 × 281 mm (19" × 5.6" × 11.1")

Weight

M-2600/32 : 43 kg (94.8 lbs)
M-2600/24 : 36 kg (79.4 lbs)
M-2600/16 : 29 kg (63.9 lbs)
PS-2600 : 9.4 kg (20.7 lbs)

In these specifications, 0 dBV is referenced to 1.0 Volt rms, and 0 dBm (balanced), which is equaled to 0 dBu (unbalanced), is referenced to 0.775 Volt rms. Actual voltage levels are also given parenthesis, and -10 dBV = 0.316V is shown as -10 dBV (0.3 V).

Changes in specifications and features may be made without notice or obligation.

0dBV = 1.0Vrms, 0dBm (バランス) = 0dBu (アンバランス) = 0.775Vrms で表記しています。

ただし、-10dBV = 0.316V は -10dBV (0.3V) のように略しています。

仕様・外観などは、改善のため予告なく変更することがあります。

2. OPTIONAL MODIFICATIONS 仕様変更

1. Pre/post signal to AUX3/L-4/R

Changing signal source to both Monitor and Channel paths. (See Fig. 2-1 ①)

The AUX 3/L-4/R are originally designed so that they can get their signal from the Monitor path, pre- or post-Monitor LEVEL. Getting their signal from both Monitor and Channel paths is possible by modifying circuit. After that, set the CH switch, which is a source select switch for the AUX 7 and 8, to OFF to get their signal from the Monitor path, and to ON to get it from the Channel path.

Treatment : Remove the resistors R106 and R108 (5.1 k Ω) on INPUT PCB, then insert them into the "R203"- and "R204"-indicated portions. And then, insert the jumper wire into the "W205"-indicated portion (See Fig. 2-2 ①).

2. Changing INPUT Channel section's SOLO from AFL to PFL.(See Fig. 2-1 ②)

Treatment : Remove the resistors R120 and R121 (51 k Ω) on INPUT PCB, then insert them into the "R201"- and "R202"-indicated portions. (See Fig. 2-2 ②)

1. AUX 3/L-4/Rのプリ/ポスト

(モニター部) \rightarrow (チャンネル部) と (モニター部) の切り替えを可能にする変更 (図2-1 ①参照)

AUX 3/L-4/Rはモニター部のプリ/ポストの信号が取り出せるようになっていますが、AUX 7, 8の信号を選択するCHスイッチを利用し、このスイッチをオンにしたときチャンネル部のプリ/ポスト (AUX 1/L-2/Rと同じになる) の信号が取り出せるようにする変更です。(CHスイッチがオフのときは、従来通り、モニター部の信号が取り出せます。)

処理 : INPUT PCBのR106, R108の抵抗 (5.1k Ω) を外し、その抵抗をR203, R204のシルク個所に挿入する。また、W205のシルク個所にジャンパー線を挿入する。(図2-2 ①参照)

2. インプット・チャンネル部のSOLOをAFL \rightarrow PFLに変更 (図2-1 ②参照)

処理 : INPUT PCBのR120, R121の抵抗 (51k Ω) を外し、その抵抗をR201, R202のシルク個所に挿入する。(図2-2 ②参照)

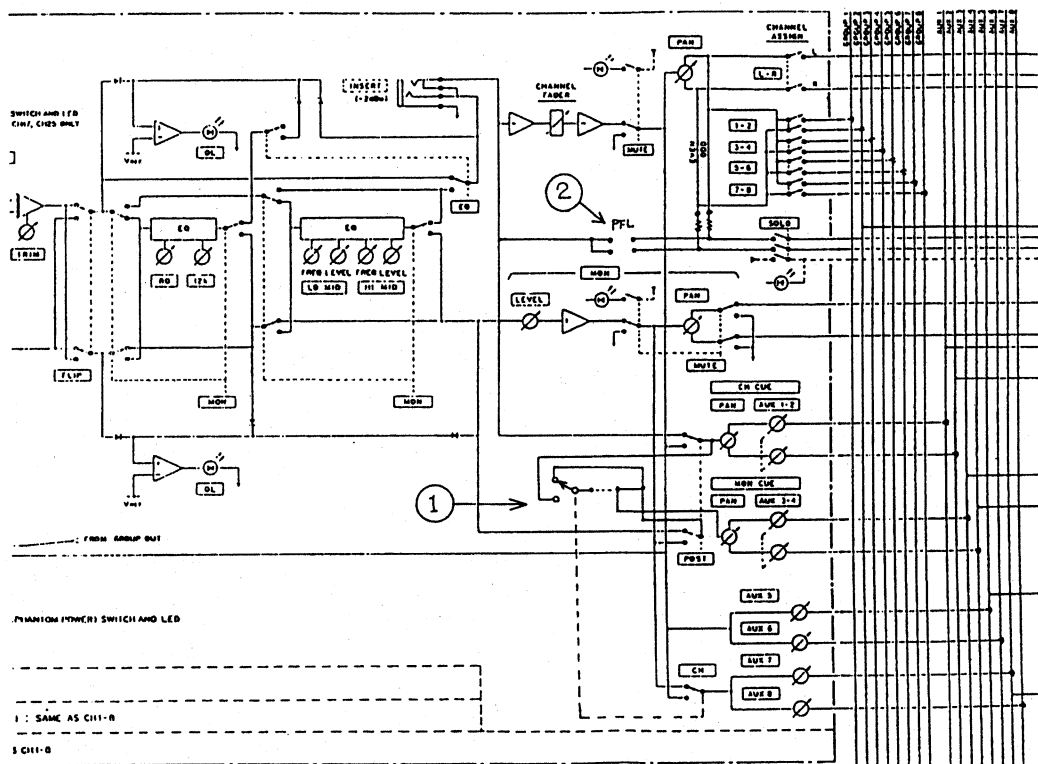


Fig. 2-1

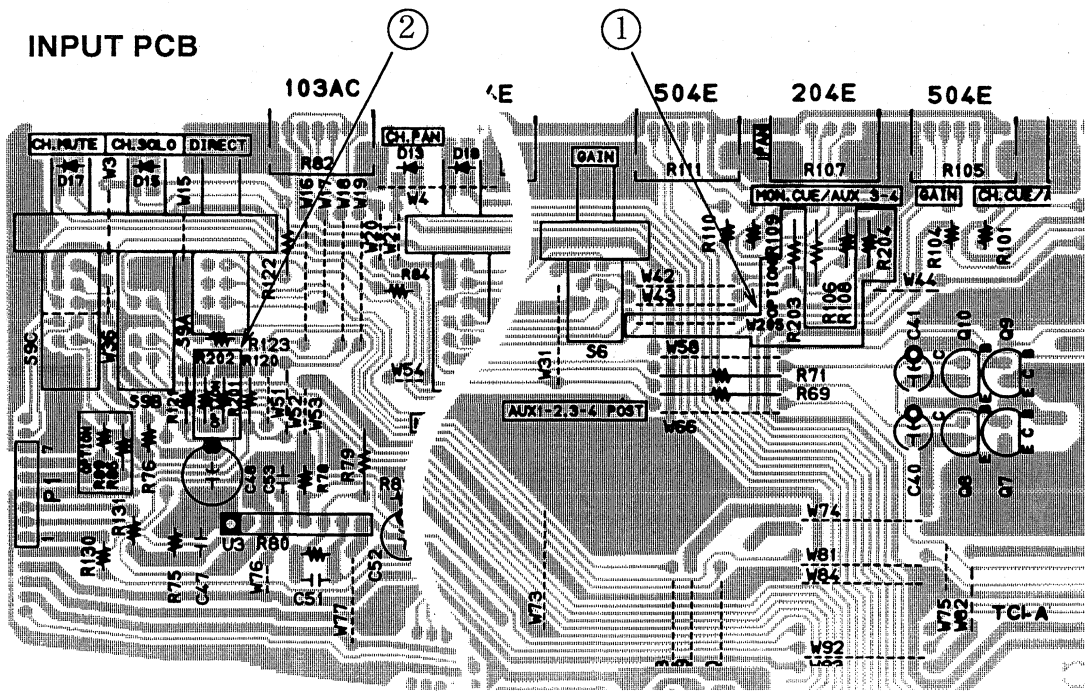


Fig. 2-2

3. Turning off the Peak Hold function of the level meter by modification.

3. レベル・メーターのピーク・ホールド機能をオン→オフに変更

Treatment: Change the length of the jumper wire W2 from 7.5 mm to 5 mm, then replace the hole where one end of the wire is inserted. (See Fig. 2-3)

処理：W2のジャンパー線を7.5mmから5mmに変更し、挿入する穴の位置を変える。(図2-3参照)

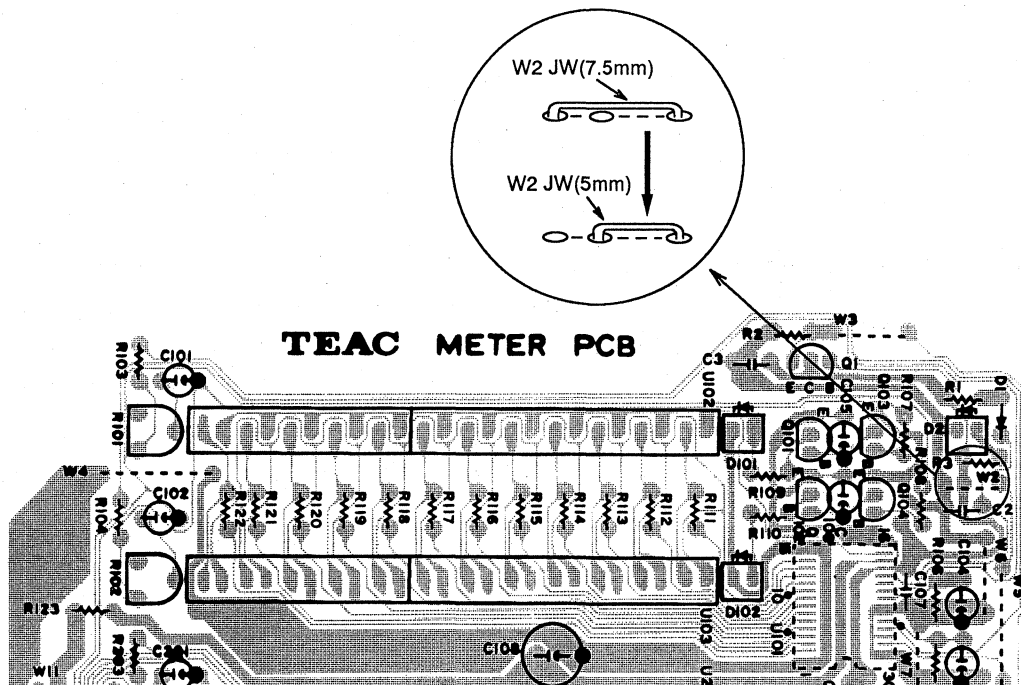


Fig. 2-3

3. LEVEL SETTINGS AND SIGNAL CHECKING

レベル・セットと信号チェック

Notes:

- The nominal signal level (1 kHz) at each input and output should be as follows:

| | Input | Output |
|-------------------------|--------|------------------------|
| • MIC IN | -55dBm | |
| • LINE IN | -2dBm | |
| • TAPE IN | -10dBV | |
| • CH INSERT | -2dBu | -2dBu |
| • STEREO INSERT | -2dBu | -2dBu |
| • GROUP INSERT | -2dBu | -2dBu |
| • 2TR IN | +4dBm | |
| • EXT IN | -10dBV | |
| • EFFECT RETURN | -10dBV | |
| • GROUP OUT(DIRECT OUT) | | -10dBV |
| • STEREO OUT(BAL) | | +4dBm |
| • STEREO OUT(UNBAL) | | -10dBV |
| • CR OUT | | -2dBu |
| • STUDIO OUT | | -2dBu |
| • AUX SEND | | -2dBu |
| • PHONES | | 100mW (32 ohm load) |

- Unless otherwise specified, control and fader settings once set should be left as they are for subsequent checking.
- Unless otherwise specified, leave all switches in their OFF positions.

3-1. TRIM control

(MIC IN → INSERT: Fig. 3-1)

- Input the nominal level signal to MIC IN, then set the TRIM control at maximum. At this time, the output level from CH INSERT should be 0 dBu ± 2 dB.
- When the TRIM control is set at minimum, the output level from CH INSERT should be -53 dBu ± 2 dB.

3-2. +48 V switch

Check that setting the +48 V switch ON causes the +48 V LED to light up and that the voltage across all MIC inputs are as follows:

HOT (pin 2) - GND (pin 1): +48 V
COLD (pin 3) - GND (pin 1): +48 V

3-3. LINE switch

(LINE IN → CH INSERT: Fig. 2-1)

- Set the LINE switch to ON.
Note: Henceforth, leave the LINE switch ON.
- Input the nominal level signal to LINE IN, then adjust the TRIM control so that the output level at CH INSERT is -2 dBu.

注意:

- 各入出力に於ける基準レベル信号(1kHz)は、以下の通りとする。

| | 入力 | 出力 |
|-------------------------|--------|--------------------|
| • MIC IN | -55dBm | |
| • LINE IN | -2dBm | |
| • TAPE IN | -10dBV | |
| • CH INSERT | -2dBu | -2dBu |
| • STEREO INSERT | -2dBu | -2dBu |
| • GROUP INSERT | -2dBu | -2dBu |
| • 2TR IN | +4dBm | |
| • EXT IN | -10dBV | |
| • EFFECT RETURN | -10dBV | |
| • GROUP OUT(DIRECT OUT) | | -10dBV |
| • STEREO OUT(BAL) | | +4dBm |
| • STEREO OUT(UNBAL) | | -10dBV |
| • CR OUT | | -2dBu |
| • STUDIO OUT | | -2dBu |
| • AUX SEND | | -2dBu |
| • PHONES | | 100mW (32 Ω 負荷) |

- 特に指示が無い限り、一度セットしたつまみ、フェーダーは、それ以降のチェックのためそのままにしておくこと。
- 特に指示が無い限り、スイッチ類はOFFにしておくこと。

3-1. TRIMつまみ

(MIC IN → CH INSERT: 図3-1)

- MIC INに基準レベル信号を入力し、TRIMつまみを最大にセットする。このとき、CH INSERTの出力レベルは、0dBu ± 2dBであること。
- TRIMつまみを最小にセットしたとき、CH INSERTの出力レベルは、-53dBu ± 2dBであること。

3-2. +48Vスイッチ

+48VスイッチをONにすることにより、+48VのLEDが点灯し、全MIC入力の端子間の電圧が以下になること。

HOT (2番ピン) - GND (1番) : +48V
COLD (3番ピン) - GND (1番) : +48V

3-3. LINEスイッチ

(LINE IN → CH INSERT: 図3-1)

- LINEスイッチをONにする。
注). 以降、LINEスイッチはONのままにしておくこと。
- LINE INに基準レベル信号を入力したとき、CH INSERTの出力レベルが-2dBuになるようにTRIMつまみを調整する。

3-4. MON LEVEL control (TAPE IN → STEREO INSERT: Fig. 3-1)

1. Turn the MON PAN control fully to L.
2. Input the nominal level signal to TAPE IN, then adjust the MON LEVEL control so that the output level at STEREO INSERT L is -2 dBu.

At this time, the MON LEVEL control should be positioned between 2 and 4 o'clock.

3-5. MON MUTE switch

When the MON MUTE switch is switched ON with settings the same as in 3-4, check that the MON MUTE LED is lit and that output is muted.

3-6. PAD switch

With the settings the same as in 3-1 and 3-3, if the PAD switch is switched ON, the output level should attenuate by approx. 20 dB.

3-7. FLIP switch

When the FLIP switch is switched ON, the MIC/LINE input signal should be output to STEREO INSERT.

At the same time, the TAPE input signal should be output to CH INSERT.

3-4. MON LEVELつまみ (TAPE IN → STEREO INSERT : 図3-1)

1. MON PANつまみをL側一杯にセットする。
2. TAPE INに基準レベル信号を入力したとき、STEREO INSERT Lの出力レベルが-2dBuになるようにMON LEVELつまみを調整する。

このとき、MON LEVELつまみが2~4時の位置にあること。

3-5. MON MUTEスイッチ

3-4項の状態、MON MUTEスイッチをONにすると、MON MUTE LEDが点灯して出力がMUTEされること。

3-6. PADスイッチ

3-1項、3-3項の状態、PADスイッチをONにすると、出力レベルが約20dB減衰すること。

3-7. FLIPスイッチ

FLIPスイッチをONにすると、MIC/LINE入力信号がSTEREO INSERTに出力されること。

また、TAPE入力信号はCH INSERTに出力されること。

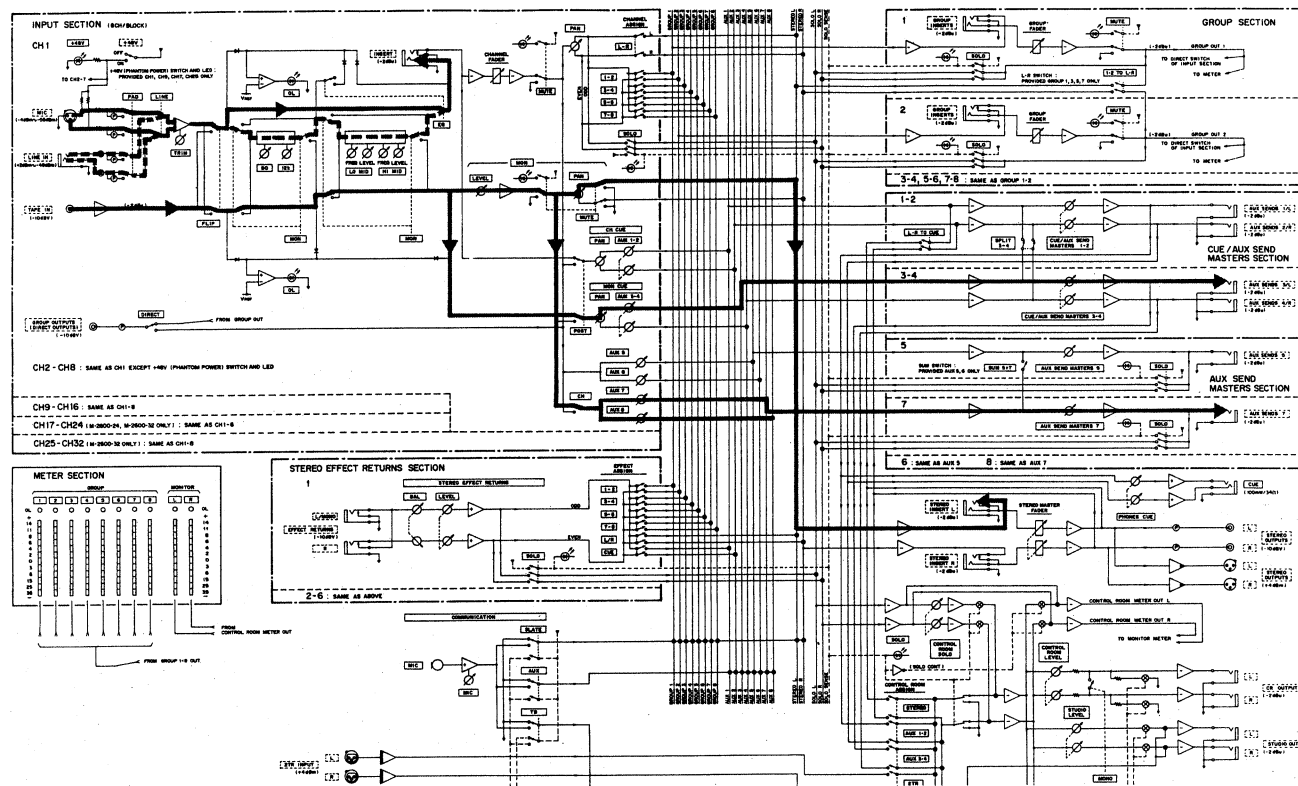


Fig. 3-1

3-8. OL LED

The level at which the OL LED starts lighting at the INPUT CHANNEL and MONITOR CHANNEL sections should be within the following range :

Standard : $+22 \pm 2$ dB from the nominal level

3-9. EQ switch and EQ control (LINE IN → CH INSERT: Fig. 3-1)

1. With the settings the same as in 3-3, switch the EQ switch ON.
2. When each EQ control is set to MAX and MIN, level variation with respect to each frequency should be within the following range :

Standard : with each EQ, MAX : $+16 \pm 2$ dB
MIN : -16 ± 2 dB

3-10. MON switch (TAPE IN → STEREO INSERT: Fig. 3-2)

1. With the same settings as in 3-4 used, switch the MON switch below the EQ (shelving type equalizer) control ON.
2. Turning the EQ (shelving type equalizer) control should vary the output level at STEREO INSERT L.
3. Switch the MON switch below the EQ (semi-parametric or sweep type equalizer) control ON.
4. Turning the EQ (semi-parametric or sweep type equalizer) control should vary the output level at STEREO INSERT L.

3-11. INPUT FADER (LINE IN → DIRECT OUT: Fig. 3-2)

1. Input the nominal level signal to LINE IN.
2. Adjust the INPUT FADER so that the output level at DIRECT OUT is -10 dBV when the DIRECT switch is switched ON. At this time, the INPUT FADER should be positioned between -5 and 0 .

3-12. CH MUTE switch

With the settings the same as in 3-11 if the CH MUTE switch is switched ON, the CH MUTE LED should light and the output should be muted.

3-13. GROUP FADER (LINE IN → GROUP OUT: Fig. 3-2)

1. With the settings the same as in 3-11, switch the DIRECT switch OFF.
2. Turn the CH PAN control fully to L, then switch the CH ASSIGN 1-2 switch ON.

3-8. OL LED

インプット・チャンネル部およびモニター・チャンネル部の OL LED が点灯し始めるレベルは、下記規格内であること。

規格 : 基準レベルより $+22 \pm 2$ dB

3-9. EQ スイッチおよび EQ つまみ (LINE IN → CH INSERT : 図 3-1)

1. 3-3 項の状態、EQ スイッチを ON にする。
2. 各 EQ つまみを MAX および MIN にしたとき、それぞれの周波数に対するレベル変化は下記規格内であること。

規格 : 各 EQ 共に、MAX : $+16 \pm 2$ dB
MIN : -16 ± 2 dB

3-10. MON スイッチ (TAPE IN → STEREO INSERT : 図 3-2)

1. 3-4 項の状態、EQ (シェルビング・タイプ・イコライザー) つまみの下にある MON スイッチを ON にする。
2. EQ (シェルビング・タイプ・イコライザー) つまみを調整することにより、STEREO INSERT L の出力レベルが変化すること。
3. EQ (スイープ・タイプ・イコライザー) つまみの下にある MON スイッチを ON にする。
4. EQ (スイープ・タイプ・イコライザー) つまみを調整することにより、STEREO INSERT L の出力レベルが変化すること。

3-11. INPUT FADER (LINE IN → DIRECT OUT : 図 3-2)

1. LINE IN に基準レベル信号を入力する。
2. DIRECT スイッチを ON にしたとき、DIRECT OUT の出力レベルが -10 dBV になるように INPUT FADER を調整する。このとき、INPUT FADER が $-5 \sim 0$ 目盛りの位置にあること。

3-12. CH MUTE スイッチ

3-11 項の状態、CH MUTE スイッチを ON にすると、CH MUTE LED が点灯して出力がミュートされること。

3-13. GROUP FADER (LINE IN → GROUP OUT : 図 3-2)

1. 3-11 項の状態、DIRECT スイッチを OFF にする。
2. CH PAN つまみを L 側一杯にセットし、CH ASSIGN 1-2 スイッチを ON にする。
3. GROUP OUT 1 の出力レベルが -10 dBV になるように GROUP FADER 1 を調整する。このとき、GROUP FADER 1 が $-5 \sim 0$ 目盛りの位置にあること。
4. CH PAN つまみを R 側一杯にセットし、GROUP OUT 2 の出力レベルが -10 dBV になるように GROUP FADER 2 を調整する。このとき、GROUP FADER 2 が $-5 \sim 0$ 目盛りの位置にあること。
5. 以下同様に、CH ASSIGN 3-4/5-6/7-8 スイッチをそれぞれ ON にし、GROUP FADER 3-8 を調整する。

- Adjust GROUP FADER 1 so that the output level at GROUP OUT 1 is -10 dBV. At this time, GROUP FADER 1 should be positioned between -5 and 0 .
- Turn the CH PAN control fully to R, then adjust GROUP FADER 2 so that the output level at GROUP OUT 2 is -10 dBV. At this time, GROUP FADER 2 should be positioned between -5 and 0 .
- Likewise, switch CH ASSIGN 3-4/5-6/7-8 switches ON and adjust GROUP FADERS 3 to 8.

3-14. GROUP MUTE switch

With the settings same as in 3-13, switch the GROUP MUTE switch ON; the GROUP MUTE LED should light and the output should be muted.

3-15. STEREO MASTER FADER (STEREO INSERT \rightarrow STEREO OUT: Fig. 3-2)

- Input a $+8$ dBu signal to STEREO INSERT L.
- So that the output level at STEREO OUT L (BAL OUT) is $+4$ dBm, adjust the STEREO MASTER FADER. At this time, the STEREO MASTER FADER should be positioned within 5 mm from -10 reading. And the output level at STEREO OUT L (UNBAL OUT) should be -10 dBV ± 1 dB.
- Input a $+8$ dBu signal to STEREO INSERT R.

3-14. GROUP MUTE スイッチ

3-13 項の状態、GROUP MUTE スイッチを ON にすると、GROUP MUTE LED が点灯して出力がミュートされること。

3-15. STEREO MASTER FADER (STEREO INSERT \rightarrow STEREO OUT : 図 3-2)

- STEREO INSERT L に $+8$ dBu の信号を入力する。
- STEREO OUT L (BAL OUT) の出力レベルが $+4$ dBm になるように STEREO MASTER FADER を調整する。このとき、STEREO MASTER FADER が -10 目盛りから 5 mm 以内の位置にあること。
また、STEREO OUT L (UNBAL OUT) の出力レベルが -10 dBV ± 1 dB であること。
- STEREO INSERT R に $+8$ dBu の信号を入力する。
- STEREO OUT R の出力レベルは、以下の通りであること。

BAL OUT : $+4$ dBm ± 1 dB
UNBAL OUT : -10 dBV ± 1 dB

- チェック後、STEREO MASTER FADER を最大の位置にセットする。

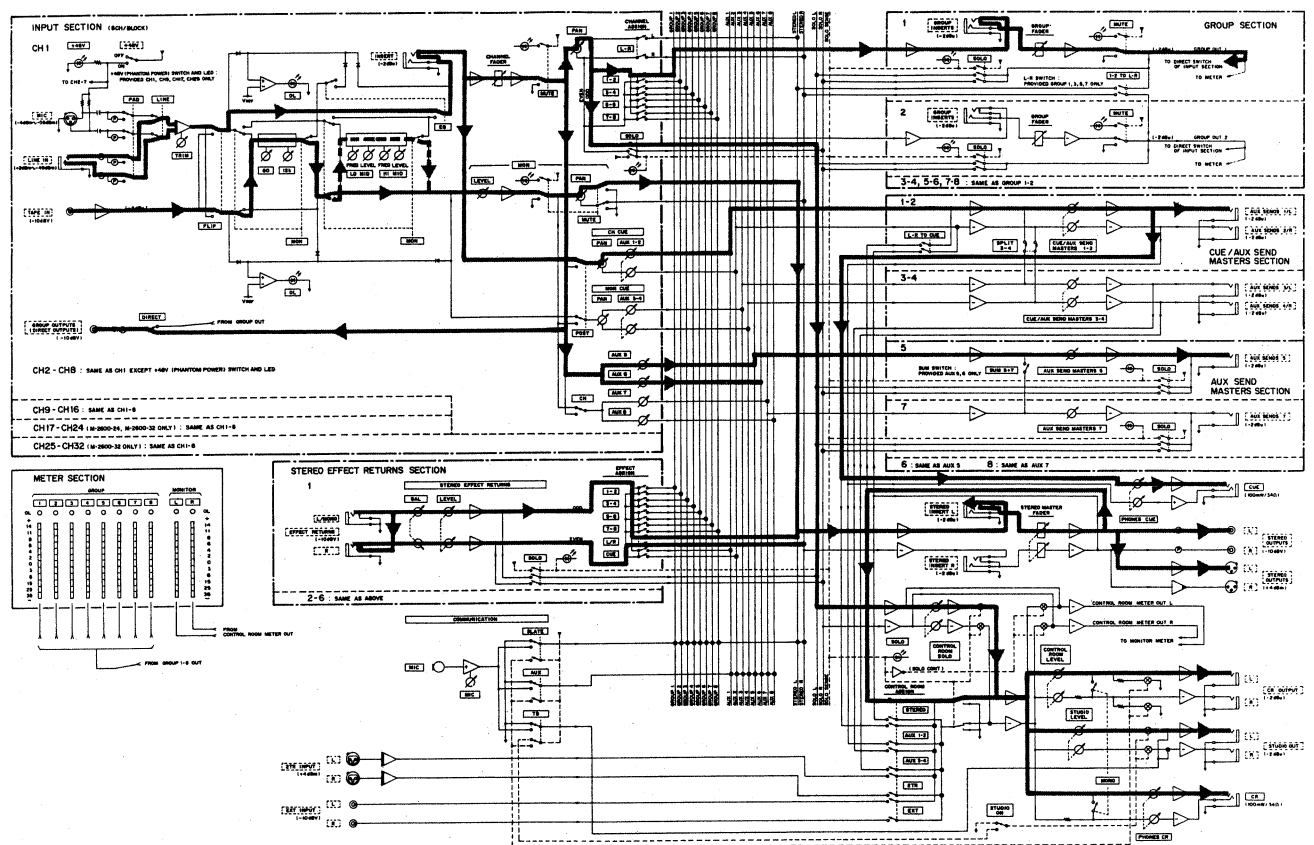


Fig. 3-2

4. The output level at STEREO OUT R should be as follows :

BAL OUT : +4 dBm ± 1 dB
UNBAL OUT : -10 dBV ± 1 dB

5. After checking, set the STEREO MASTER FADER to the maximum position.

3-16. 1-2 (3-4, 5-6, 7-8) TO L-R switches

When the 1-2 (3-4, 5-6, 7-8) TO L-R switches are switched ON with the settings same as in 3-13, the output from GROUP OUT should also be output from STEREO OUT.

3-17. CUE/AUX SEND MASTERS 1-2 (LINE IN → AUX SENDS 1/L: Fig. 3-2)

1. Switch the SPLIT 3-4 switch ON.
Note : Up to item 3-24, leave this SPLIT 3-4 switch ON.
2. Turn the CH CUE PAN control fully to 1.
3. Set the AUX 1-2 control to maximum.
4. Input the nominal level signal to LINE IN, then adjust the CUE/AUX SEND MASTERS 1-2 control so that the output level at AUX SENDS 1/L is -2 dBu.
At this time, the CUE/AUX SEND MASTERS 1-2 control should be positioned between 1 and 3 o'clock.

3-18. AUX SEND MASTERS 5, 6 (LINE IN → AUX SENDS 5, 6: Fig. 3-2)

1. Set the AUX 5 and 6 controls at maximum.
2. Input the nominal level signal to LINE IN, then adjust the AUX SEND MASTERS 5 and 6 controls so that the output level at AUX SENDS 5 and 6 is -2 dBu.
At this time, the AUX SEND MASTERS 5 and 6 controls should be positioned between 1 and 3 o'clock.

3-19. CUE/AUX SEND MASTERS 3-4 (TAPE IN → AUX SENDS 3/L: Fig. 3-1)

1. Turn the MON CUE PAN control fully to 3.
2. Set the AUX 3-4 control at maximum.
3. Input the nominal level signal to TAPE IN, then adjust the CUE/AUX SEND MASTERS 3-4 control so that the output level at AUX SENDS 3/L is -2 dBu.
At this time, the CUE/AUX SEND MASTERS 3-4 control should be positioned between 1 and 3 o'clock.

3-20. AUX SEND MASTERS 7, 8 (TAPE IN → AUX SENDS 7, 8: Fig. 3-1)

1. Turn the AUX 7 and 8 controls to maximum.
2. Input the nominal level signal to TAPE IN, then adjust the AUX SEND MASTERS 7 and 8 controls so that the output level at AUX SENDS 7, 8 is -2 dBu.
At this time, the AUX SEND MASTERS 7 and 8 controls should be positioned between 1 and 3 o'clock.

3-16. 1-2 (3-4, 5-6, 7-8) TO L-Rスイッチ

3-13項の状態、1-2(3-4, 5-6, 7-8)TO L-RスイッチをONにすると、GROUP OUTの出力がSTEREO OUTからも出力されること。

3-17. CUE/AUX SEND MASTERS 1-2 (LINE IN → AUX SENDS 1/L: 図3-2)

1. SPLIT 3-4スイッチをONにする。
注). 3-24項までは、このSPLIT 3-4スイッチはONのままにしておくこと。
2. CH CUEのPANつまみを1側一杯にセットする。
3. AUX 1-2つまみを最大にセットする。
4. LINE INに基準レベル信号を入力し、AUX SENDS 1/Lの出力レベルが-2dBuになるように、CUE/AUX SEND MASTERS 1-2を調整する。
このとき、CUE/AUX SEND MASTERS 1-2が1~3時の位置にあること。

3-18. AUX SEND MASTERS 5, 6 (LINE IN → AUX SENDS 5, 6: 図3-2)

1. AUX 5, 6つまみを最大にセットする。
2. LINE INに基準レベル信号を入力し、AUX SENDS 5, 6の出力レベルが-2dBuになるように、AUX SEND MASTERS 5, 6を調整する。
このとき、AUX SEND MASTERS 5, 6が1~3時の位置にあること。

3-19. CUE/AUX SEND MASTERS 3-4 (TAPE IN → AUX SENDS 3/L: 図3-1)

1. MON CUEのPANつまみを3側一杯にセットする。
2. AUX 3-4つまみを最大にセットする。
3. TAPE INに基準レベル信号を入力し、AUX SENDS 3/Lの出力レベルが-2dBuになるように、CUE/AUX SEND MASTERS 3-4を調整する。
このとき、CUE/AUX SEND MASTERS 3-4が1~3時の位置にあること。

3-20. AUX SEND MASTERS 7, 8 (TAPE IN → AUX SENDS 7, 8: 図3-1)

1. AUX 7, 8つまみを最大にセットする。
2. TAPE INに基準レベル信号を入力し、AUX SENDS 7, 8の出力レベルが-2dBuになるように、AUX SEND MASTERS 7, 8を調整する。
このとき、AUX SEND MASTERS 7, 8が1~3時の位置にあること。

3-21. POST switch

1. With the same settings as in 3-17, even if the INPUT FADER is moved, the output level does not change. However, if the POST switch is switched ON, the output level should be able to be changed using the INPUT FADER.
2. With the same settings as in 3-19, even if the MON LEVEL control is turned, the output level does not change. However, if the POST switch is switched ON, the output level should be able to be changed using the MON LEVEL control.

3-22. CH switch

With the same settings as in 3-18, if the CH switch is switched ON, the output from AUX SENDS 5, 6 should also be output from AUX SENDS 7, 8.

3-23. SUM 5+7 (6+8) switch

1. With the same settings as in 3-18, if the SUM 5+7 switch is switched ON, the output level at AUX SENDS 5 should drop by 6 dB.
2. Likewise, if the SUM 6+8 switch is switched ON, the output level at AUX SENDS 6 should drop by 6 dB.

3-24. PHONES CUE control (LINE IN → PHONES CUE OUT: Fig. 3-2)

With the same settings as in 3-18, if the PHONES CUE control is set at maximum, the output level at PHONES CUE OUT should be 100 mW/32 ohm.

3-25. SPLIT 3-4 switch

With the same settings as in 3-17 and 3-19, if the SPLIT 3-4 switch is switched OFF, the output level should drop by 6 dB.

3-26. EFFECT RETURNS LEVEL control (EFFECT RETURNS → STEREO OUT: Fig. 3-2)

1. Set the STEREO EFFECT RETURNS BAL control to center, then switch the EFFECT ASSIGN L/R switch ON.
2. Input the nominal level signal to the EFFECT RETURNS 1 L/MONO, then adjust the EFFECT RETURNS LEVEL control so that the output level at STEREO OUT L (UNBAL OUT) is -10 dBV.
At this time, the EFFECT RETURNS LEVEL control should be positioned between 12 and 2 o'clock.

3-27. MONO-STEREO check

With the same settings as in 3-26, if a dummy plug is inserted into EFFECT RETURNS 1 R, the output at STEREO OUT R should be cut off.

3-21. POST スイッチ

1. 3-17項の状態では、INPUT FADERを動かしても出力レベルに変化が無いのに対して、POST スイッチをONにすると、INPUT FADERにより出力レベルが変化すること。
2. 3-19項の状態では、MON LEVELつまみを回しても出力レベルに変化が無いのに対して、POST スイッチがONの状態では、MON LEVELつまみにより出力レベルが変化すること。

3-22. CH スイッチ

3-18項の状態、CH スイッチをONにすると、AUX SENDS 5, 6の出力がAUX SENDS 7, 8にも信号が出力されること。

3-23. SUM 5+7(6+8) スイッチ

1. 3-18項の状態、SUM 5+7 スイッチをONにすると、AUX SENDS 5の出力レベルが6dB下がること。
2. 同様に、SUM 6+8 スイッチをONにすると、AUX SENDS 6の出力レベルが6dB下がること。

3-24. PHONES CUEつまみ (LINE IN → PHONES CUE OUT : 図3-2)

3-17項の状態、PHONES CUEつまみを最大にしたとき、PHONES CUE OUTの出力レベルが100mW/32Ωであること。

3-25. SPLIT 3-4 スイッチ

3-17項、3-19項の状態、SPLIT 3-4 スイッチをOFFにすると、出力レベルが6dB下がること。

3-26. EFFECT RETURNS LEVELつまみ (EFFECT RETURNS → STEREO OUT : 図3-2)

1. STEREO EFFECT RETURNSのBALつまみをセンターにセットし、EFFECT ASSIGN L/R スイッチをONにする。
2. EFFECT RETURNS 1 L/MONOに基準レベル信号を入力したとき、STEREO OUT L (UNBAL OUT)の出力レベルが-10dBVになるようにEFFECT RETURNS LEVELつまみで調整する。このとき、EFFECT RETURNS LEVELつまみが12~2時の位置にあること。

3-27. MONO-STEREO チェック

3-26項の状態、EFFECT RETURNS 1 Rにダミー・プラグを挿入したとき、STEREO OUT Rの出力が切れること。

3-28. EFFECT ASSIGN スイッチ

3-26項の状態、各EFFECT ASSIGN スイッチをONにすると、そのスイッチで指定されたOUTPUTに信号が出力されること。

3-28. EFFECT ASSIGN switch

With the same settings as in 3-26, if each EFFECT ASSIGN switch is switched ON, the signal should be output to OUTPUT assigned by the switch.

3-29. CONTROL ROOM LEVEL control (STEREO INSERT → CR OUT: Fig. 3-2)

1. With the same settings as in 3-15's step 2, switch the CONTROL ROOM ASSIGN STEREO switch ON.
2. Turn the CONTROL ROOM LEVEL control so that the output level at CR OUT L is -2 dBu. At this time, the CONTROL ROOM LEVEL control should be positioned between 1 and 3 o'clock.

3-30. PHONES CR control (ST INSERT → PHONES CR OUT: Fig. 3-2)

With the same settings as in 3-29, if the PHONES CR control is turned fully to maximum, the output level at PHONES CR OUT should be 100 mW/32 ohm.

3-31. STUDIO LEVEL control (STEREO INSERT → STUDIO OUT: Fig. 3-2)

1. With the same settings as in 3-29, switch the STUDIO ON switch ON.
2. Turn the STUDIO LEVEL control so that the output level at STUDIO OUT L is -2 dBu. At this time, the STUDIO LEVEL control should be positioned between 1 and 3 o'clock.

3-32. CONTROL ROOM ASSIGN switch

As described below, the signal assigned by the CONTROL ROOM ASSIGN switch should be output to CR OUT.

AUX 1-2 : The AUX SENDS 1/L, 2/R signals should be output to CR OUT.

AUX 3-4 : The AUX SENDS 3/L, 4/R signals should be output to CR OUT.

2TR : The signal from 2TR IN should be output to CR OUT.

EXT : The signal from EXT IN should be output to CR OUT.

3-33. Checking the SOLO LED for lighting

When each SOLO switch at INPUT CHANNEL, STEREO EFFECT RETURNS, MASTER and AUX SEND MASTER sections is switched ON, the adjacent LED should light and the SOLO LED at CONTROL ROOM section should light.

3-29. C.ROOM LEVELつまみ (STEREO INSERT → CR OUT : 図3-2)

1. 3-15項の2の状態、C.ROOM ASSIGN STEREOスイッチをONにする。
2. CR OUT Lの出力レベルが -2 dBuになるように、C.ROOM LEVELつまみを調整する。このとき、C.ROOM LEVELつまみが1~3時の位置にあること。

3-30. PHONES CRつまみ (STEREO INSERT → PHONES CR OUT : 図3-2)

3-29項の状態、PHONES CRつまみを最大にしたとき、PHONES CR OUTの出力レベルが 100 mW/32Ωであること。

3-31. STUDIO LEVELつまみ (STEREO INSERT → STUDIO OUT : 図3-2)

1. 3-29項の状態、STUDIO ONスイッチをONにする。
2. STUDIO OUT Lの出力レベルが -2 dBuになるように、STUDIO LEVELつまみを調整する。このとき、STUDIO LEVELつまみが1~3時の位置にあること。

3-32. C.ROOM ASSIGNスイッチ

下記のように、C.ROOM ASSIGNスイッチによりアサインされた信号が、CR OUTに出力されること。

AUX 1-2 : AUX SENDS 1/L, 2/Rの信号がCR OUTに出力される。

AUX 3-4 : AUX SENDS 3/L, 4/Rの信号がCR OUTに出力される。

2TR : 2TR INからの信号がCR OUTに出力される。

EXT : EXT INからの信号がCR OUTに出力される。

3-33. SOLO LED点灯チェック

インプット・チャンネル部、ステレオ・イフェクト・リターン部、マスター部、AUXセンド・マスター部の各SOLOスイッチをONにしたとき、隣接のLEDが点灯すると共に、コントロール・ルーム部のSOLO LEDが点灯すること。

3-34. C.ROOM SOLOつまみ (LINE IN → CR OUT : 図3-2)

1. 3-13項の3の状態、CH 1 SOLOスイッチをONにする。
2. CR OUT Lの出力レベルが -2 dBuになるように、C.ROOM SOLOつまみを調整する。このとき、C.ROOM SOLOつまみが1~3時の位置にあること。
3. CH 1 SOLOスイッチをOFFにし、GROUP 1 SOLOスイッチをONにしたときもCR OUTに同様の出力があること。
4. 3-26項の状態、EFFECT RETURNS SOLOスイッチをONにしたときもCR OUTに同様の出力があること。

3-34. CONTROL ROOM SOLO control (LINE IN → CR OUT: Fig. 3-2)

1. With the same settings as in 3-13's step 3, switch the CH 1 SOLO switch ON.
2. Turn the CONTROL ROOM SOLO control so that the output level at CR OUT L is -2 dBu. At this time, the CONTROL ROOM SOLO control should be positioned between 1 and 3 o'clock.
3. When the CH 1 SOLO switch is switched OFF, and then the GROUP 1 SOLO switch is switched ON, a similar level signal should be output to CR OUT.
4. With the same settings as in 3-26, if the EFFECT RETURNS SOLO switch is switched ON, a similar level signal should be output to CR OUT.

3-35. SLATE switch

If you talk into the MIC (talkback microphone) while pressing the SLATE switch in the COMMUNICATION section, the signal should be output to GROUP OUT and STEREO OUT. Turning the MIC control should vary the output level.

3-36. AUX switch

If you talk into the MIC (talkback microphone) while pressing the AUX switch in the COMMUNICATION section, the signal should be output to AUX OUT.

3-37. TB switch

If you talk into the MIC (talkback microphone) while pressing the TB switch in the COMMUNICATION section, the signal should be output to STUDIO OUT.

3-38. Attenuating the output level at CR OUT

If the SLATE (AUX, or TB) switch is pressed while the signal is being output to CR OUT, the output level at CR OUT should attenuate.

3-39. Adjusting the level meter

1. While the nominal level signal is being output from GROUP OUT 1-8, adjust the variable resistor below each level meter so that the level reaches 0 dB on the level meter.
2. While the nominal level signal is being output to CR OUT L, R, adjust the variable resistor below each level meter so that the level reaches 0 dB on the MONITOR L, R level meter.

3-35. SLATEスイッチ

コミュニケーション部の SLATE スイッチを押しながら、MIC (トークバック・マイク) に音声を入力したとき、GROUP OUT および STEREO OUT に信号が出力されること。
また、MIC つまみにより出力レベルが変化すること。

3-36. AUX スイッチ

コミュニケーション部の AUX スイッチを押しながら、MIC (トークバック・マイク) に音声を入力したとき、AUX OUT に信号が出力されること。

3-37. TB スイッチ

コミュニケーション部の TB スイッチを押しながら、MIC (トークバック・マイク) に音声を入力したとき、STUDIO OUT に信号が出力されること。

3-38. CR OUT の出力レベル減衰

CR OUT に信号が出力されているとき、SLATE スイッチ (AUX スイッチ, TB スイッチ) を押すと、CR OUT の出力レベルが減衰すること。

3-39. レベル・メーター調整

1. GROUP OUT 1-8 に基準レベル信号が出力されているとき、GROUP 1-8 のレベル・メーターの 0dB が点灯するように、各レベル・メーターの下にある半固定抵抗で調整する。
2. CR OUT L, R に基準レベル信号が出力されているとき、MONITOR L, R のレベル・メーターの 0dB が点灯するように、各レベル・メーターの下にある半固定抵抗で調整する。

3-40. 周波数特性

基準入出力レベルにおいて、周波数特性は以下の通り。

| | |
|----------------------------------|------------------------------|
| MIC IN - GROUP OUT : | |
| | 20Hz~40kHz + 0.5dB / - 2.0dB |
| LINE IN - GROUP OUT : | |
| | 20Hz~40kHz + 0.5dB / - 1.0dB |
| LINE IN - PHONES (CUE, CR) OUT : | |
| | 50Hz~20kHz + 0.5dB / - 1.0dB |

3-40. Frequency response

At the nominal input/output level, the frequency response should be as follows :

| | |
|----------------------------------|-------------------|
| MIC IN - GROUP OUT : | |
| 20Hz~40kHz | + 0.5dB / - 2.0dB |
| LINE IN - GROUP OUT : | |
| 20Hz~40kHz | + 0.5dB / - 1.0dB |
| LINE IN - PHONES (CUE, CR) OUT : | |
| 50Hz~20kHz | + 0.5dB / - 1.0dB |

3-41. S/N ratio

At the nominal input/output level, the S/N ratio should be as follows (DIN AUDIO) :

| | |
|-----------------------------|--------|
| 1 LINE IN - GROUP OUT | : 84dB |
| 1 LINE IN - AUX OUT | : 82dB |
| 1 LINE IN - CR OUT | : 82dB |
| 1 LINE IN - STUDIO OUT | : 81dB |
| PHONES | : 72dB |
| ALL(16) MIC IN - GROUP OUT | : 52dB |
| ALL(24) MIC IN - GROUP OUT | : 50dB |
| ALL(32) MIC IN - GROUP OUT | : 49dB |
| ALL(16) LINE IN - GROUP OUT | : 74dB |
| ALL(24) LINE IN - GROUP OUT | : 72dB |
| ALL(32) LINE IN - GROUP OUT | : 70dB |

3-42. Distortion factor

At the nominal input/output level (with MIC IN, the level is 20 dB higher than the nominal level), the distortion factor should be as follows (400 Hz HPF, 20 kHz LPF : IN) :

| | |
|-----------------------|----------|
| 1 MIC IN - GROUP OUT | : 0.02 % |
| 1 LINE IN - GROUP OUT | : 0.02 % |

3-43. Crosstalk

The crosstalk between outputs should be as follows (DIN AUDIO) :

| | |
|------------------------------|-------|
| Between GROUP OUTS : | 65 dB |
| Between STEREO OUT L and R : | 65 dB |
| Between other outputs : | 60 dB |

3-41. SN比

基準入出力レベルにおいて、SN比は以下の通り。(DIN AUDIO)

| | |
|-----------------------------|--------|
| 1 LINE IN - GROUP OUT | : 84dB |
| 1 LINE IN - AUX OUT | : 82dB |
| 1 LINE IN - CR OUT | : 82dB |
| 1 LINE IN - STUDIO OUT | : 81dB |
| PHONES | : 72dB |
| ALL(16) MIC IN - GROUP OUT | : 52dB |
| ALL(24) MIC IN - GROUP OUT | : 50dB |
| ALL(32) MIC IN - GROUP OUT | : 49dB |
| ALL(16) LINE IN - GROUP OUT | : 74dB |
| ALL(24) LINE IN - GROUP OUT | : 72dB |
| ALL(32) LINE IN - GROUP OUT | : 70dB |

3-42. 歪率

基準入出力レベル (MIC INは、基準レベルより20dB高いレベル) において、歪率は以下の通り。(400Hz HPF, 20kHz LPF : IN)

| | |
|-----------------------|----------|
| 1 MIC IN - GROUP OUT | : 0.02 % |
| 1 LINE IN - GROUP OUT | : 0.02 % |

3-43. クロストーク

各出力間のクロストークは、以下の通り。(DIN AUDIO)

| | |
|-----------------|--------|
| GROUP OUT間 | : 65dB |
| STEREO OUT L-R間 | : 65dB |
| OTHER OUTPUTS間 | : 60dB |

PARTS LIST SECTION

NOTES

- Major parts only are listed in the exploded views and their parts lists.
- PC boards shown are viewed from parts side.
- Parts marked with * require longer delivery time.
- As regards the resistors and capacitors, refer to the circuit diagrams contained in this manual.
- Δ Parts marked with this sign are safety critical components. They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- Parts of [] mark can be used only with the version designated.
[J]: JAPAN [US]: U. S. A. [E]: EUROPE [UK]: U. K.

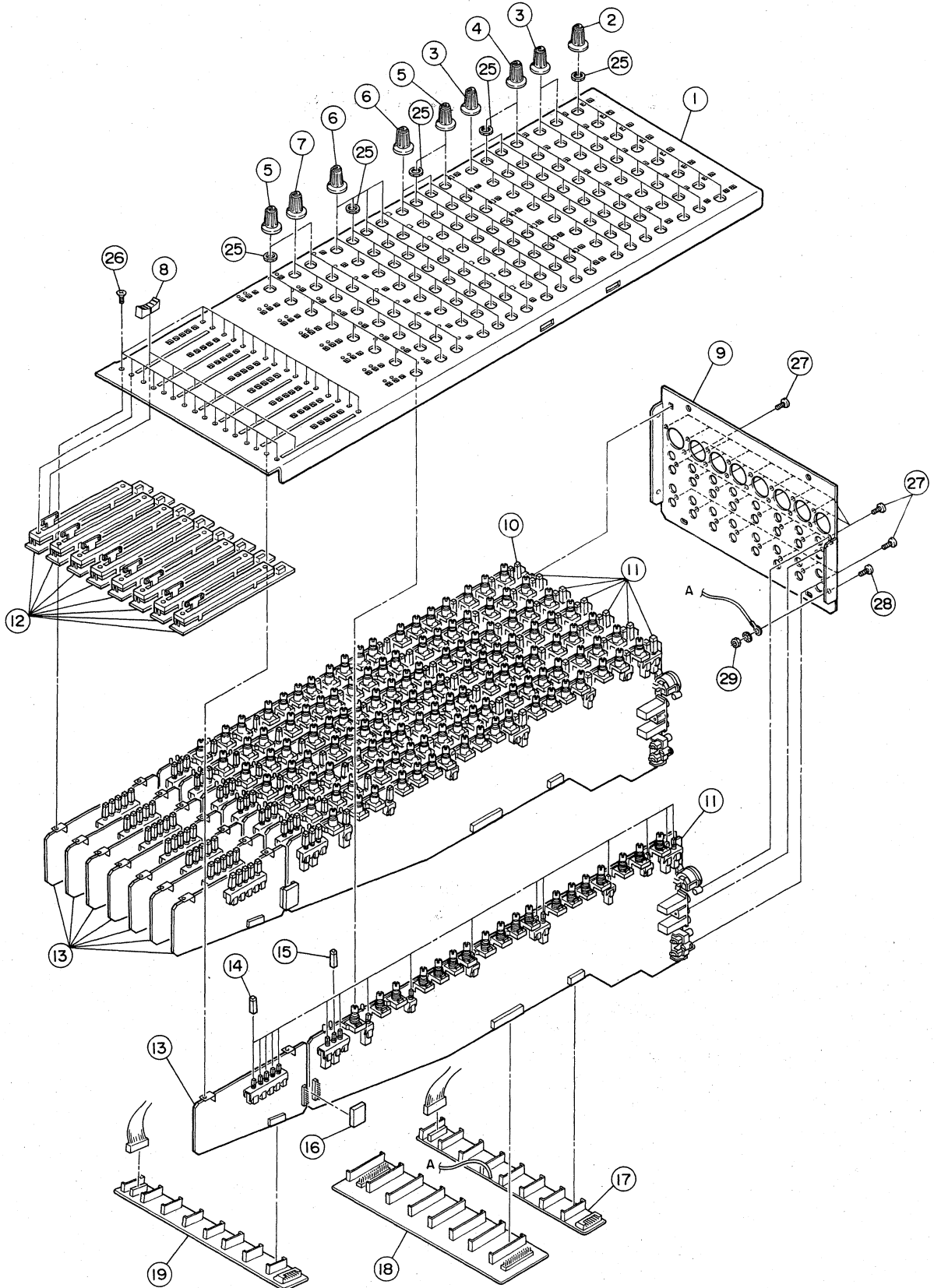
注意

- 分解図とそのリストは主要部品のみ記載しています。
- プリント基板図は部品面が示されています。
- *印の部品は納期が若干かかります。
あらかじめご了承ください。
- 標準の抵抗、コンデンサーは省略してあります。
回路図を参照してください。
- Δ 印は安全重要部品です。
交換する時は必ずティアック指定の部品を使用してください。
- 仕向先
[J]: JAPAN [US]: U. S. A. [E]: EUROPE

4. EXPLODED VIEWS AND PARTS LISTS

分解図とパーツ・リスト

EXPLODED VIEW-1



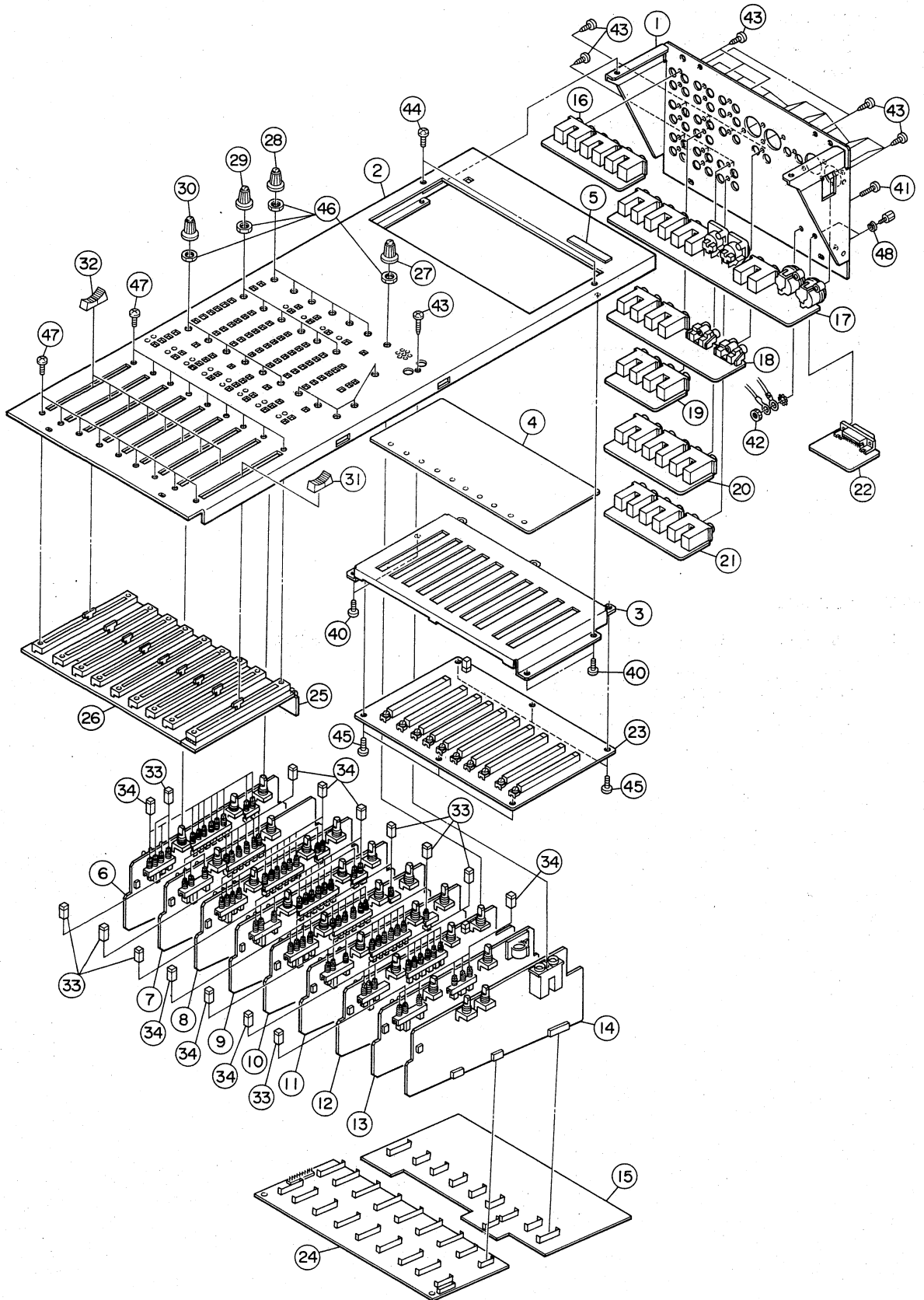
EXPLODED VIEW-1

| REF. NO. | PARTS NO. | DESCRIPTION | REMARKS |
|----------|-------------|----------------------------|------------------------|
| I- 1 | *9260196200 | INPUT PANEL, MANU | |
| I- 2 | M00103500A | KNOB, R-VR N61/R21 | |
| I- 3 | 5801632000 | KNOB, R-VR N61/B10 | |
| I- 4 | M00046000A | KNOB, R-VR N61/B12 | |
| I- 5 | 5801631700 | KNOB, R-VR N61/N63 | |
| I- 6 | 5801631900 | KNOB, R-VR N61/G06 | |
| I- 7 | 5801631800 | KNOB, R-VR N61/N66 | |
| I- 8 | 5801632100 | KNOB, S-VR N61/N66 | |
| I- 9 | *9260196600 | INPUT REAR | |
| I-10 | *9145128101 | INPUT A PCB ASSY | Refer to pages 23 & 39 |
| I-11 | *9145128401 | INPUT B PCB ASSY | Refer to pages 23 & 39 |
| I-12 | *9145128301 | FADER A PCB ASSY | Refer to pages 26 & 40 |
| I-13 | *9145128201 | ASSIGN PCB ASSY | Refer to pages 33 & 44 |
| I-14 | 5801632501 | PUSH BUTTON COVER, WHT/R63 | |
| I-15 | M00103800A | KNOB, BUTTON COVER WHT/R21 | |
| I-16 | *9143720000 | CONNECTOR, TXG-P7X-A1 | |
| I-17 | *9145129100 | BUSS A PCB ASSY | Refer to pages 35 & 41 |
| I-18 | *9145129200 | BUSS B PCB ASSY | Refer to pages 35 & 41 |
| I-19 | *9145129300 | BUSS C PCB ASSY | Refer to pages 35 & 41 |
| I-25 | *9781801000 | REC VR NUT M9 | |
| I-26 | *5801148000 | SCREW, THIN BIND 3*4 (BLK) | |
| I-28 | *9783233008 | SCREW, BTT-S M3*8 (BLK) | |
| I-29 | *9781810300 | NUT, GND M3 NC | |

INCLUDED ACCESSORIES

| REF. NO. | PARTS NO. | DESCRIPTION | REMARKS |
|----------|-------------|------------------------------|---------|
| | *D00017000A | OWNERS MNL, J M-2600 [J] | |
| | *D00017100A | OWNERS MNL, E M-2600 [US, E] | |
| | *5740004100 | MOUNTING SCREW KIT | |
| | *E00000600A | CABLE ASSY, POWER SUPPLY | |

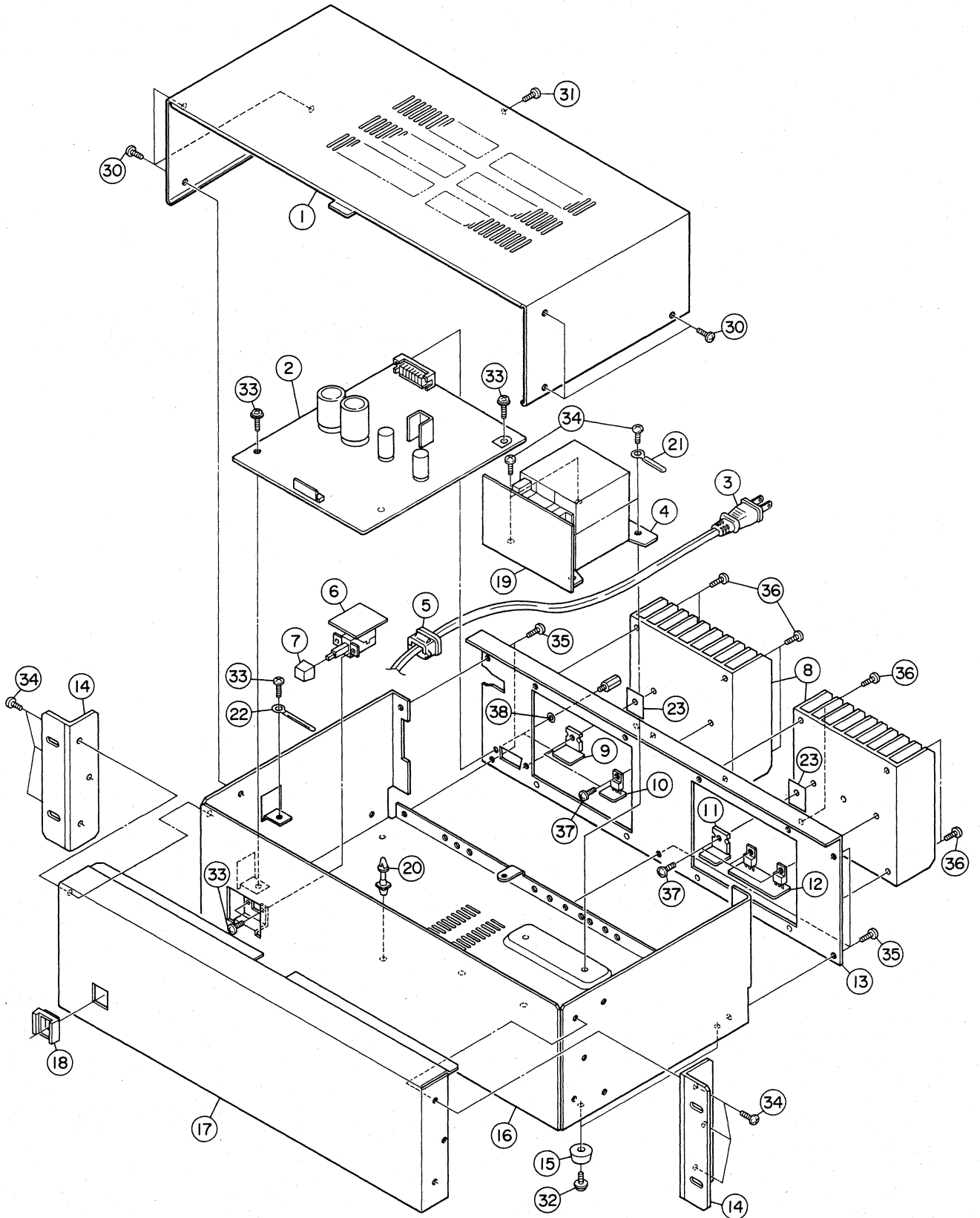
EXPLODED VIEW-2



EXPLODED VIEW-2

| REF. NO. | PARTS NO. | DESCRIPTION | REMARKS |
|----------|-------------|----------------------------|------------------------|
| 2- 1 | *9260196400 | MASTER REAR PANEL, (MANU) | |
| 2- 2 | *9260196000 | MASTER PANEL, (MANU) | |
| 2- 3 | *9260196702 | METER PCB BRACKET | |
| 2- 4 | *9260196900 | METER SCREEN | |
| 2- 5 | *5801634100 | TASCAM BADGE M-2600 | |
| 2- 6 | *9145130100 | GROUP 1 PCB ASSY | Refer to pages 29 & 42 |
| 2- 7 | *9145137100 | GROUP 2 PCB ASSY | Refer to pages 29 & 42 |
| 2- 8 | *9145130200 | GROUP 3 PCB ASSY | Refer to pages 30 & 42 |
| 2- 9 | *9145137200 | GROUP 4 PCB ASSY | Refer to pages 31 & 42 |
| 2-10 | *9145130300 | GROUP 5 PCB ASSY | Refer to pages 31 & 43 |
| 2-11 | *9145137300 | GROUP 6 PCB ASSY | Refer to pages 32 & 43 |
| 2-12 | *9145131101 | GROUP 7 PCB ASSY | Refer to pages 33 & 43 |
| 2-13 | *9145131201 | GROUP 8 PCB ASSY | Refer to pages 33 & 43 |
| 2-14 | *9145131301 | STEREO PCB ASSY | Refer to pages 27 & 41 |
| 2-15 | *9145132101 | JOINT A PCB ASSY | Refer to pages 23 & 40 |
| 2-16 | *9145132200 | INSERTION A PCB ASSY | Refer to pages 24 & 40 |
| 2-17 | *9145132300 | INSERTION B PCB ASSY | Refer to pages 25 & 40 |
| 2-18 | *9145132400 | AUX JACK A PCB ASSY | Refer to pages 28 & 41 |
| 2-19 | *9145132500 | AUX JACK B PCB ASSY | Refer to pages 28 & 41 |
| 2-20 | *9145132600 | EFF JACK A PCB ASSY | Refer to pages 36 & 44 |
| 2-21 | *9145132800 | EFF JACK B PCB ASSY | Refer to pages 24 & 40 |
| 2-22 | *9145132701 | DC JACK PCB ASSY | Refer to pages 22 & 39 |
| 2-23 | *9145134101 | METER PCB ASSY | Refer to pages 27 & 41 |
| 2-24 | *9145134200 | MASTER BUSS PCB ASSY | Refer to pages 35 & 40 |
| 2-25 | *9145133100 | JOINT B PCB ASSY | |
| 2-26 | *9145133200 | FADER B PCB ASSY | Refer to pages 25 & 40 |
| 2-27 | M00103500A | KNOB, R-VR N61/R21 | |
| 2-28 | 5801631900 | KNOB, R-VR N61/G06 | |
| 2-29 | 5801631700 | KNOB, R-VR N61/N63 | |
| 2-30 | 5801631800 | KNOB, R-VR N61/N66 | |
| 2-31 | M00103700A | KNOB, S-VR N61/R21 | |
| 2-32 | 5801632300 | KNOB, S-VR N63/N66 | |
| 2-33 | M00103800A | KNOB, BUTTON COVER WHT/R21 | |
| 2-34 | 5801632501 | PUSH BUTTON COVER, WHT/R63 | |
| 2-40 | *9783203006 | SCREW, BTT-S M3*6 | |
| 2-41 | *9783233012 | SCREW, BTT-S M3*12 (BLK) | |
| 2-42 | *9781810300 | GND NUT, M3 NC | |
| 2-43 | *9783613008 | SCREW, BTT-P M3*8 (BLK) | |
| 2-44 | *9783233006 | SCREW, BTT-S M3*6 (BLK) | |
| 2-45 | *9783203006 | SCREW, BTT-S M3*6 | |
| 2-46 | *9781801000 | REC VR NUT, M9 | |
| 2-47 | *5801148000 | SCREW, THIN BIND 3*4 (BLK) | |
| 2-48 | *9294006100 | D.SUB P WASHER | |

EXPLODED VIEW-3



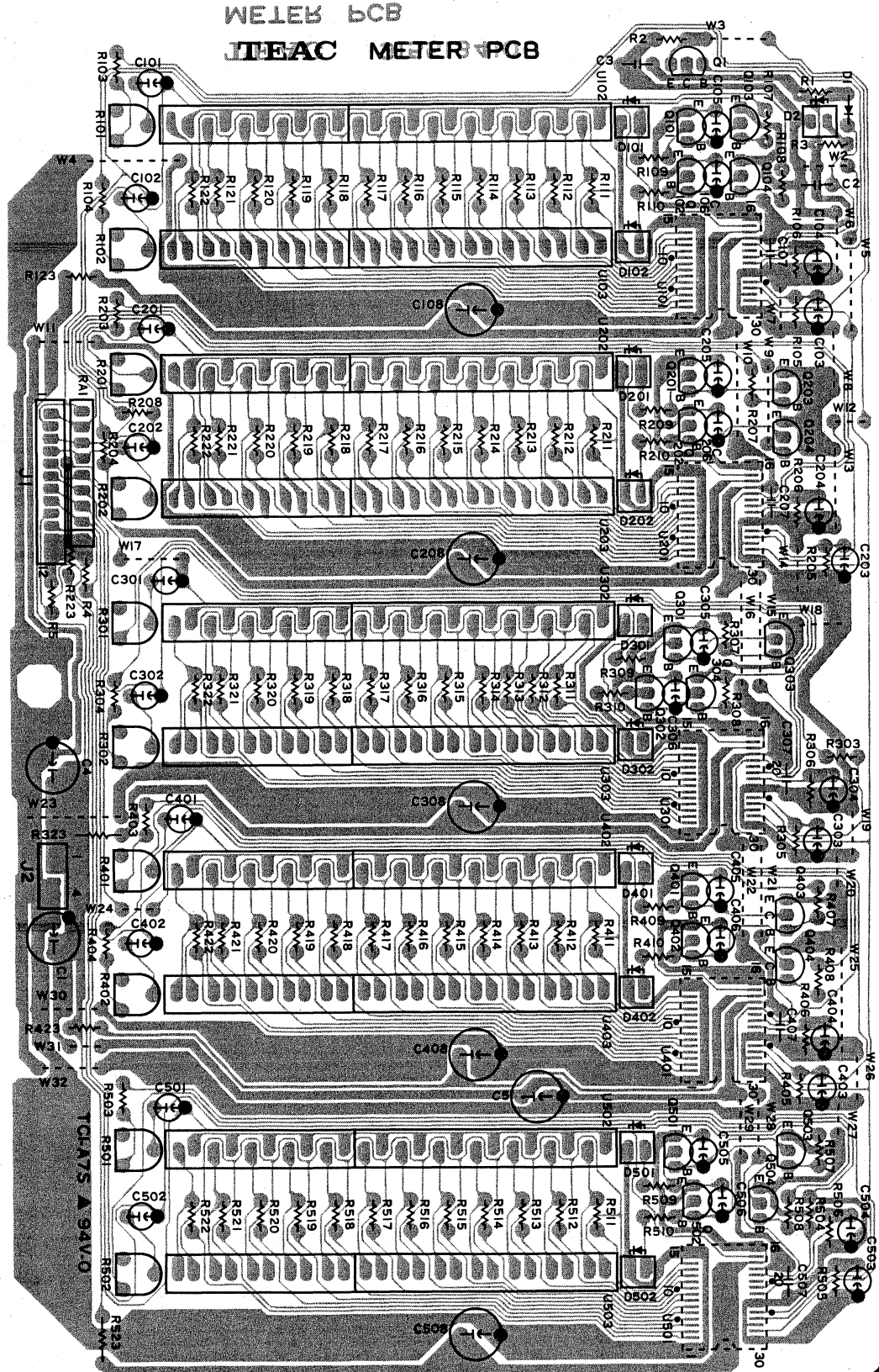
EXPLODED VIEW-3

| REF. NO. | PARTS NO. | DESCRIPTION | REMARKS |
|----------|--------------|--------------------------------|------------------------|
| 3- 1 | *5801629700 | BONNET | |
| 3- 2 | *9145135101 | PWR SUPPLY PCB ASSY | Refer to pages 37 & 44 |
| 3- 3 | △ 5350015600 | CORD,AC [J] | |
| | △ 5350019500 | CORD,AC [US] | |
| | △ 5350017500 | CORD,AC [E] | |
| 3- 4 | △ 5320065300 | TRANSFORMER,POWER | |
| 3- 5 | △ 5317003400 | BUSHING,2271 | |
| 3- 6 | *9145135200 | POWER SW PCB ASSY | Refer to pages 38 & 45 |
| 3- 7 | 5800173100 | BUTTON,POWER | |
| 3- 8 | *5801629100 | HEAT SINK(MANU) | |
| 3- 9 | *9145135300 | TR A PCB ASSY | Refer to pages 38 & 45 |
| 3-10 | *9145135500 | 5V PCB ASSY | Refer to pages 38 & 45 |
| 3-11 | *9145135400 | TR B PCB ASSY | Refer to pages 38 & 45 |
| 3-12 | *9145135600 | DIODE PCB ASSY | Refer to pages 38 & 45 |
| 3-13 | *5801629500 | PANEL,REAR | |
| 3-14 | *5801629000 | ANGLE,MOUNT | |
| 3-15 | *5730031500 | FOOT,T-G | |
| 3-16 | *5801629600 | MAIN CHASSIS | |
| 3-17 | *5801629800 | PANEL,FRONT | |
| 3-18 | *5800535700 | PROTECTOR,BUTTON | |
| 3-19 | *9145135800 | TRANS PCB ASSY | Refer to pages 38 & 44 |
| 3-20 | *M0001920 | SPACER,RCB-19 | |
| 3-21 | *5786714000 | CLIP,HARNESS 4.2X9.1X50 | |
| 3-22 | *5786713000 | CLIP,HARNESS 3.0X9.1X50 | |
| 3-23 | *M0004570 | SHEET,RADIATOR D | |
| 3-30 | *5800612400 | SCREW,BONNET M3X8 | |
| 3-31 | *5783613008 | SCREW,C-TITE M3X8(BLK NI) | |
| 3-32 | *5783693008 | SCREW,BIND M3X8(BLK NI) | |
| 3-33 | *5783033006 | SCREW,BIND.S-TITE M3X6 | |
| 3-34 | *5780024008 | SCREW,BIND M4X8(BLK NI) | |
| 3-35 | *5783693008 | SCREW,BIND S-TITE M3X8(BLK NI) | |
| 3-36 | *5780023010 | SCREW,BIND M3X10(BLK NI) | |
| 3-37 | *5783693008 | SCREW,BIND M3X8(BLK NI) | |
| 3-38 | *5785002600 | WASHER,PLAIN M2.6X0.5T | |

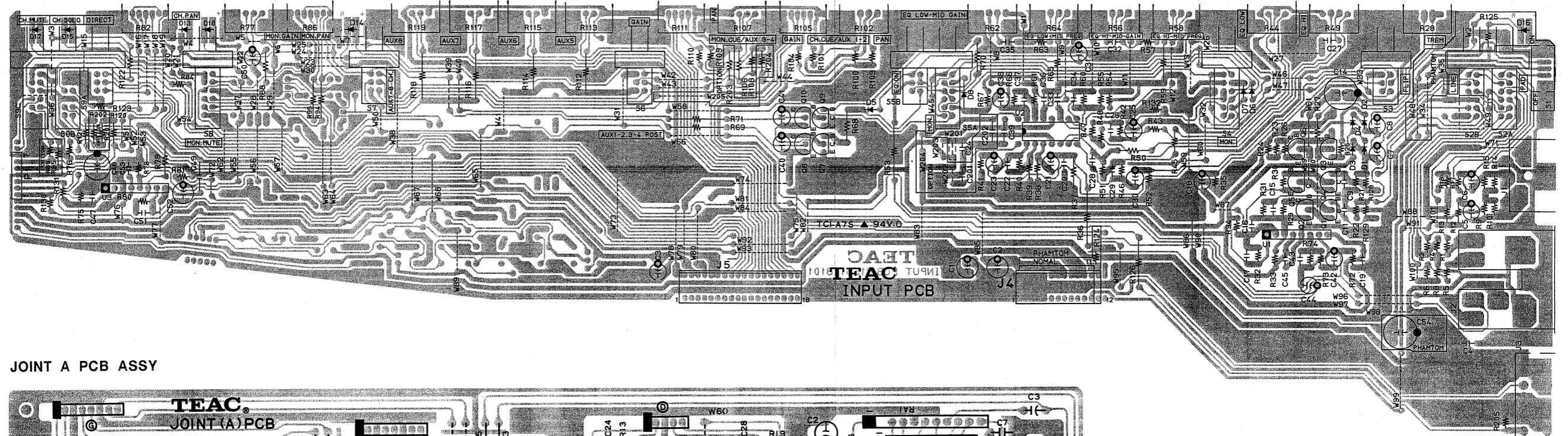
5. PC BOARDS AND PARTS LISTS

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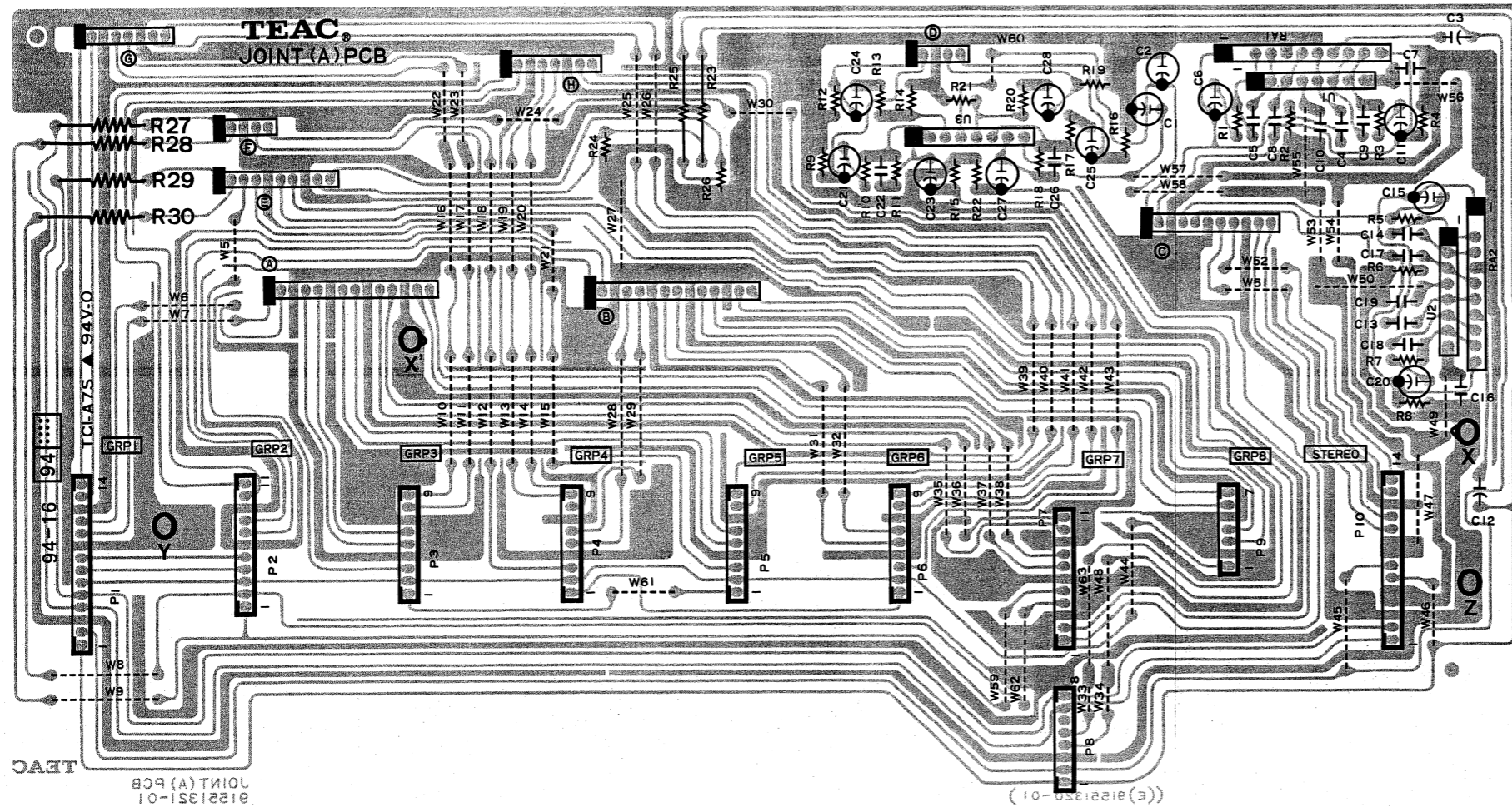
METER PCB ASSY



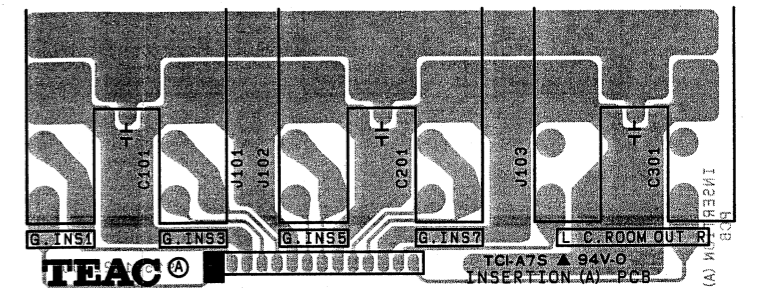
INPUT A, B PCB ASSY



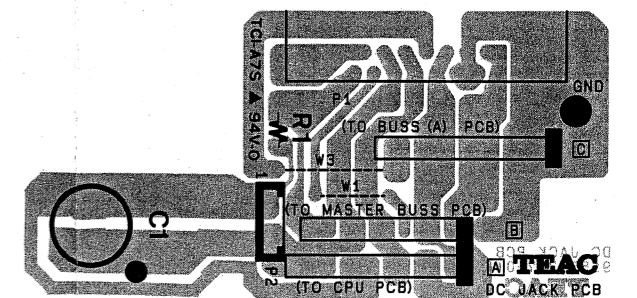
JOINT A PCB ASSY



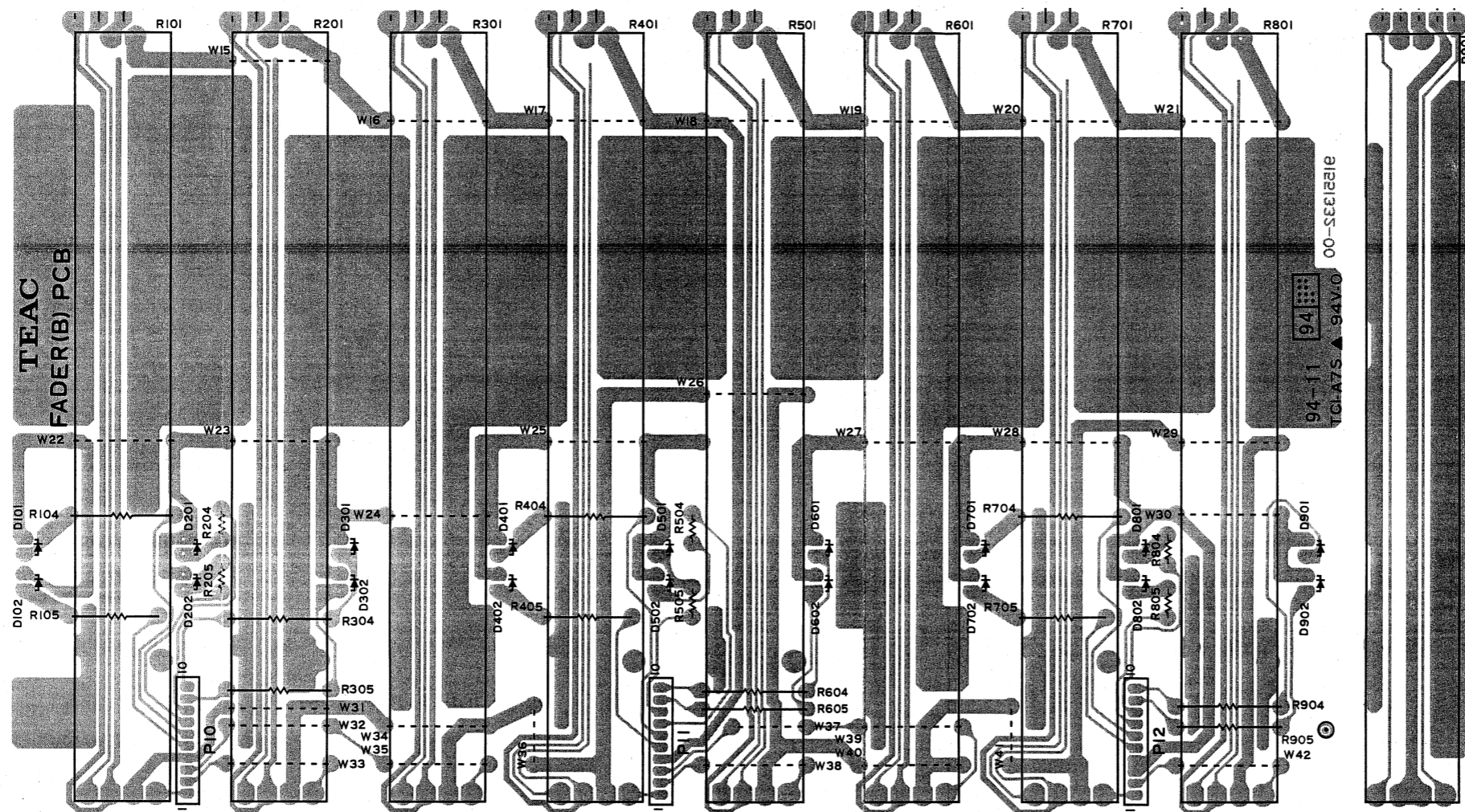
INSERTION A PCB ASSY



DC JACK PCB ASSY



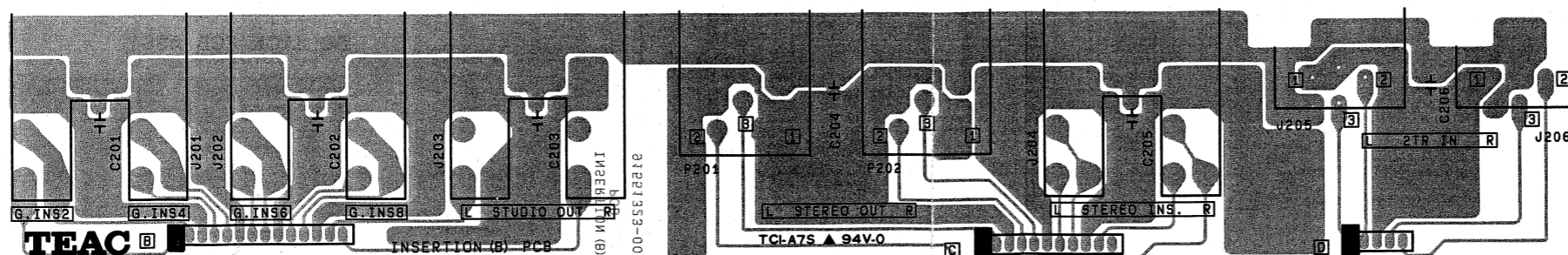
FADER B PCB ASY



FADER A PCB ASY

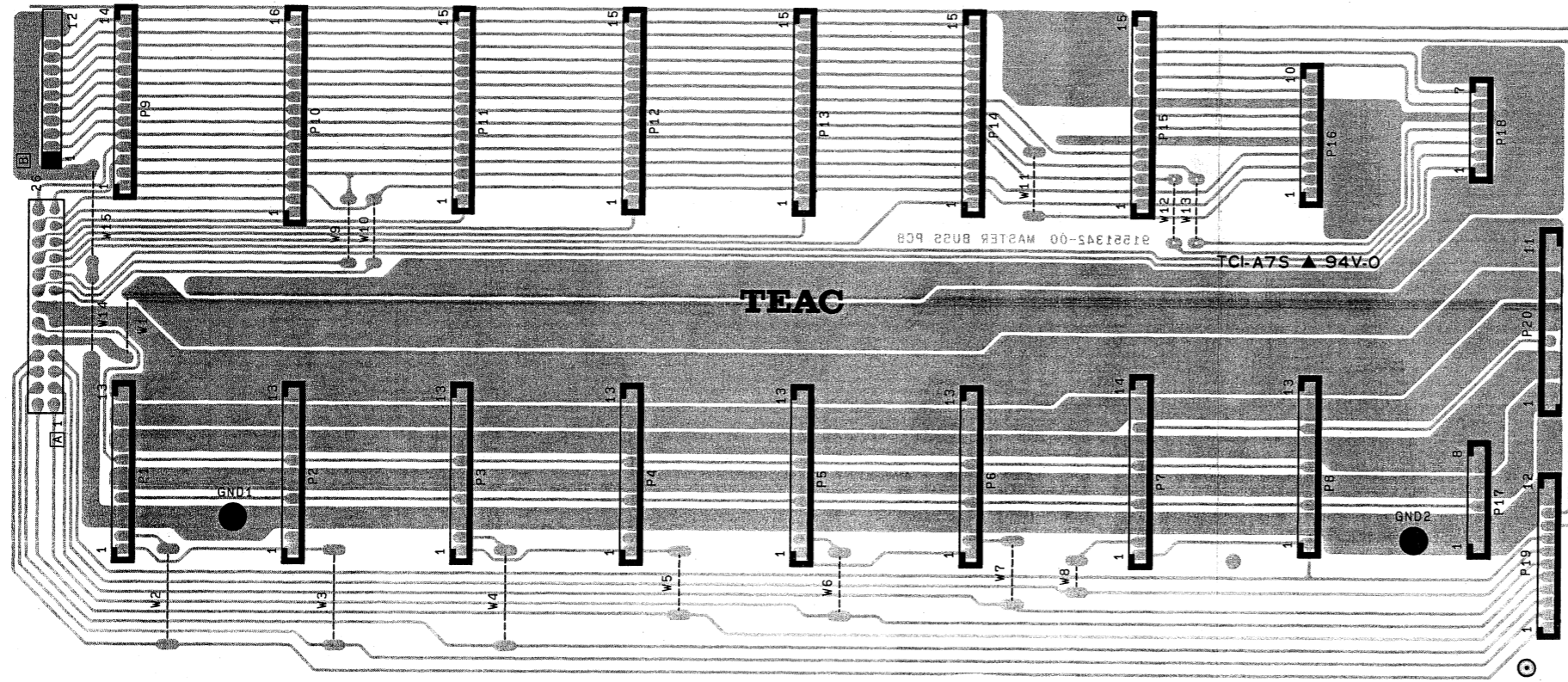


INSERTION B PCB ASY

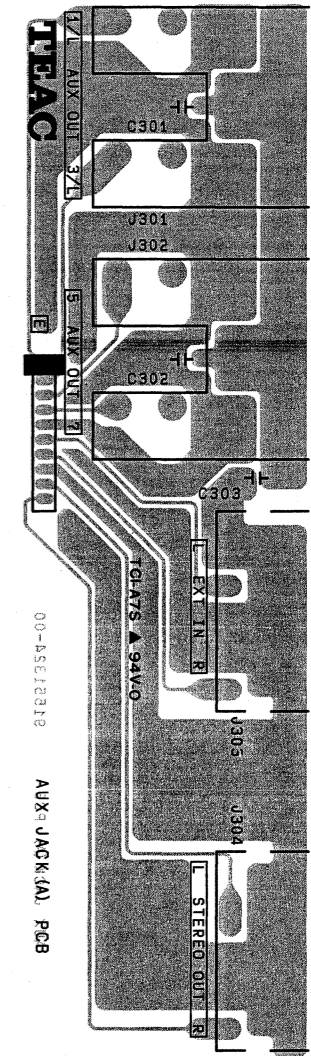


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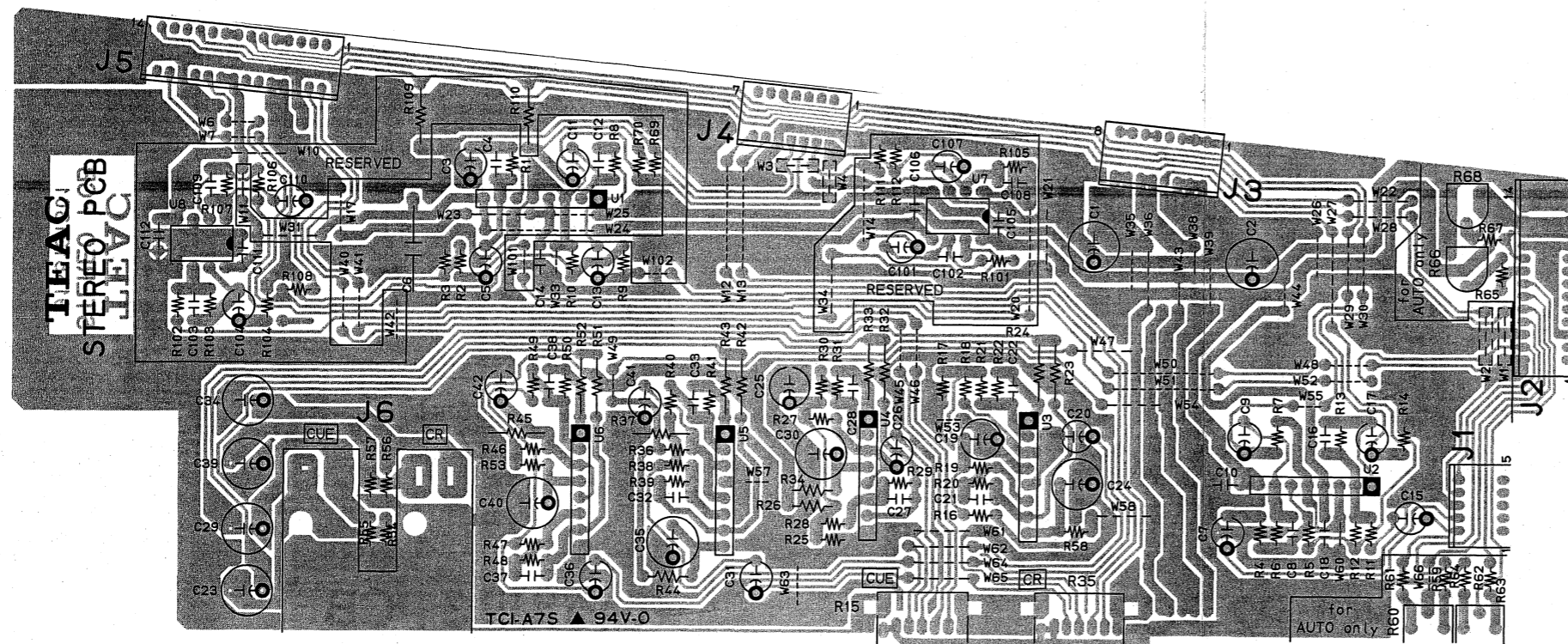
MASTER BUSS PCB ASSY



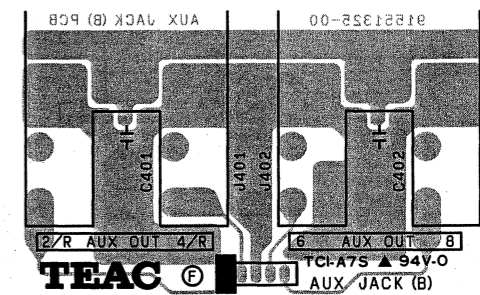
AUX JACK A PCB ASSY



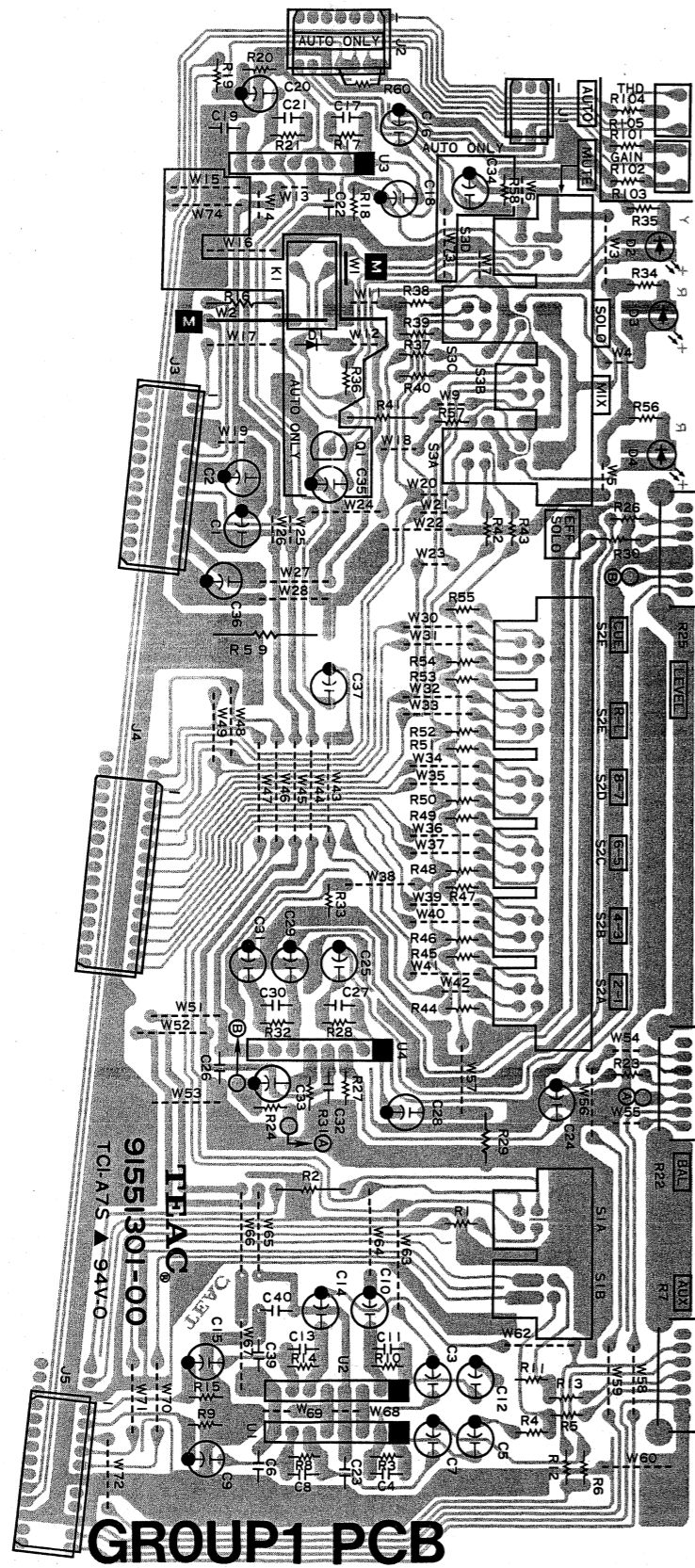
STEREO PCB ASSY



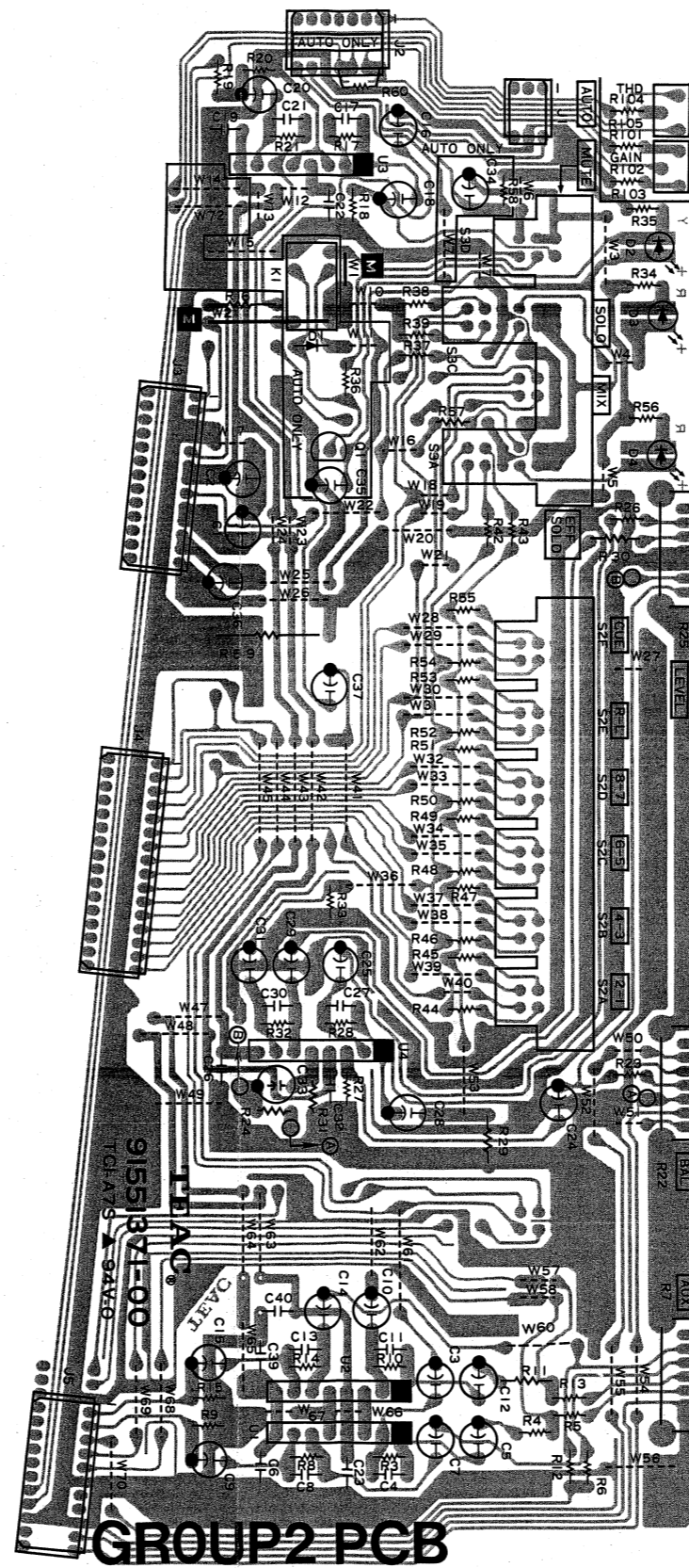
AUX JACK B PCB ASSY



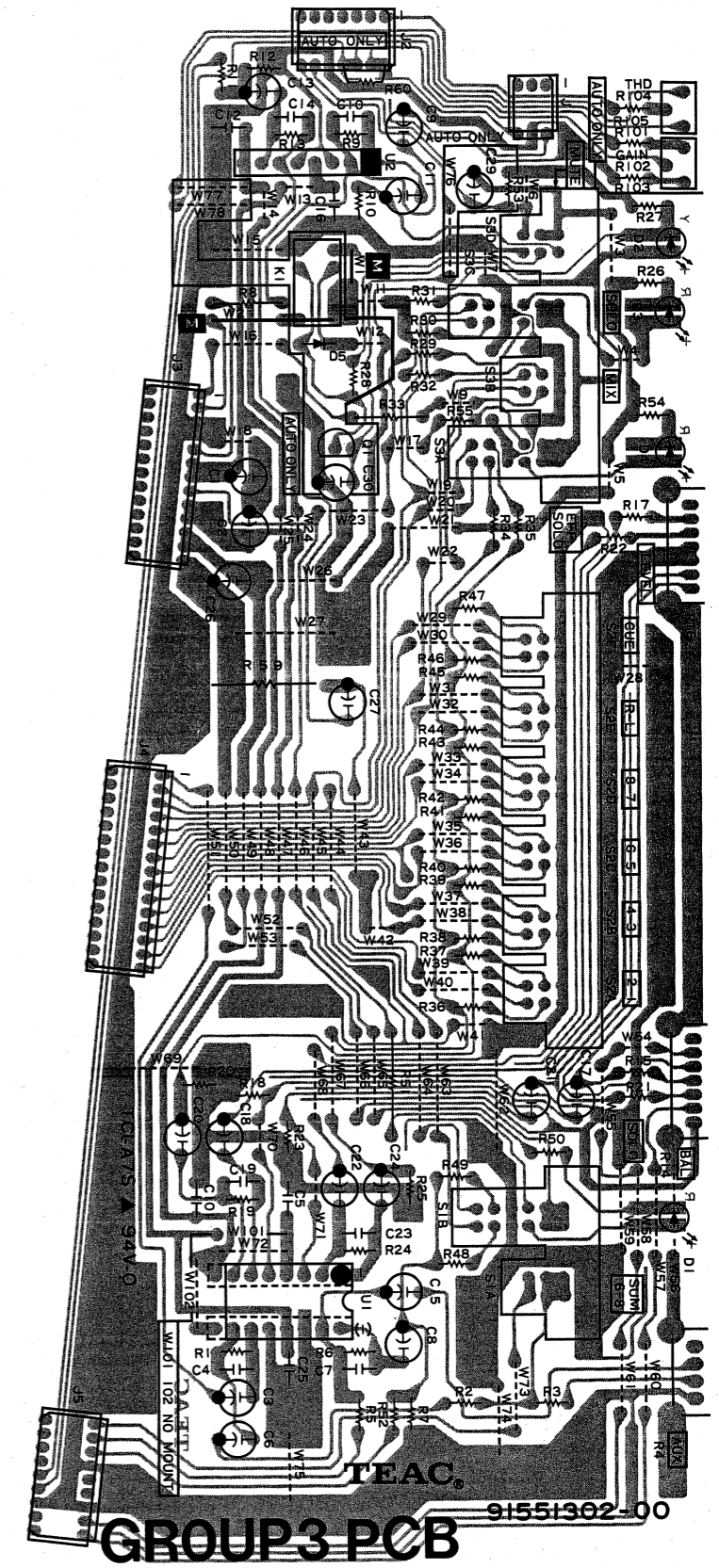
GROUP 1 PCB ASSY



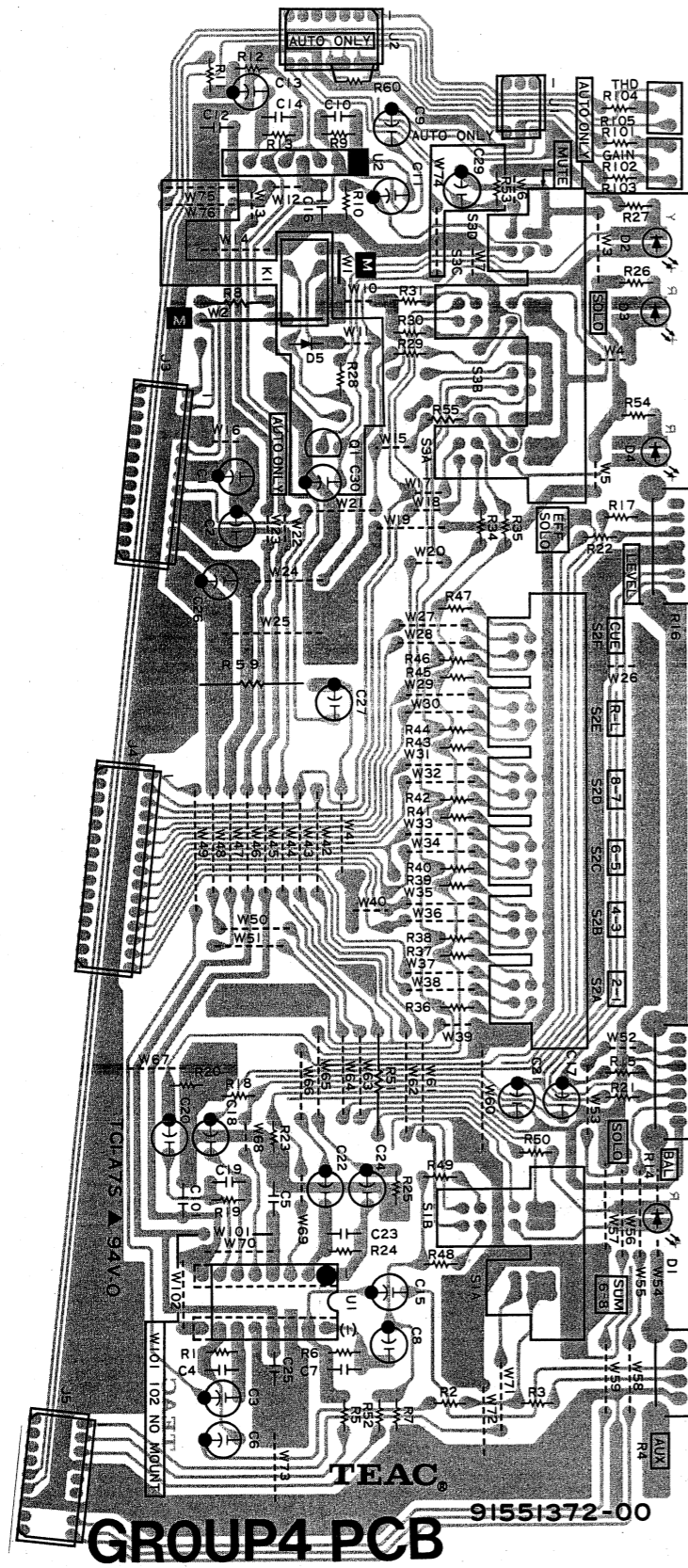
GROUP 2 PCB ASSY



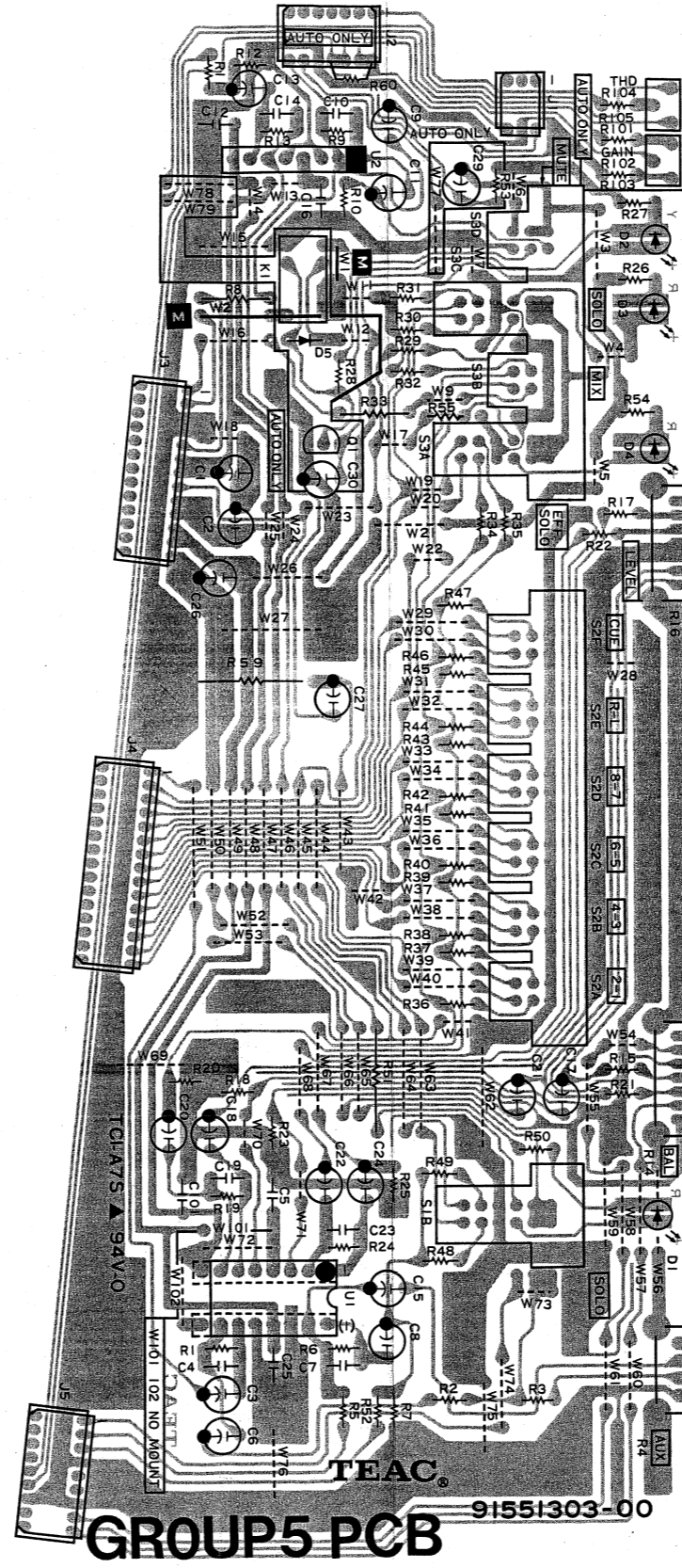
GROUP 3 PCB ASSY



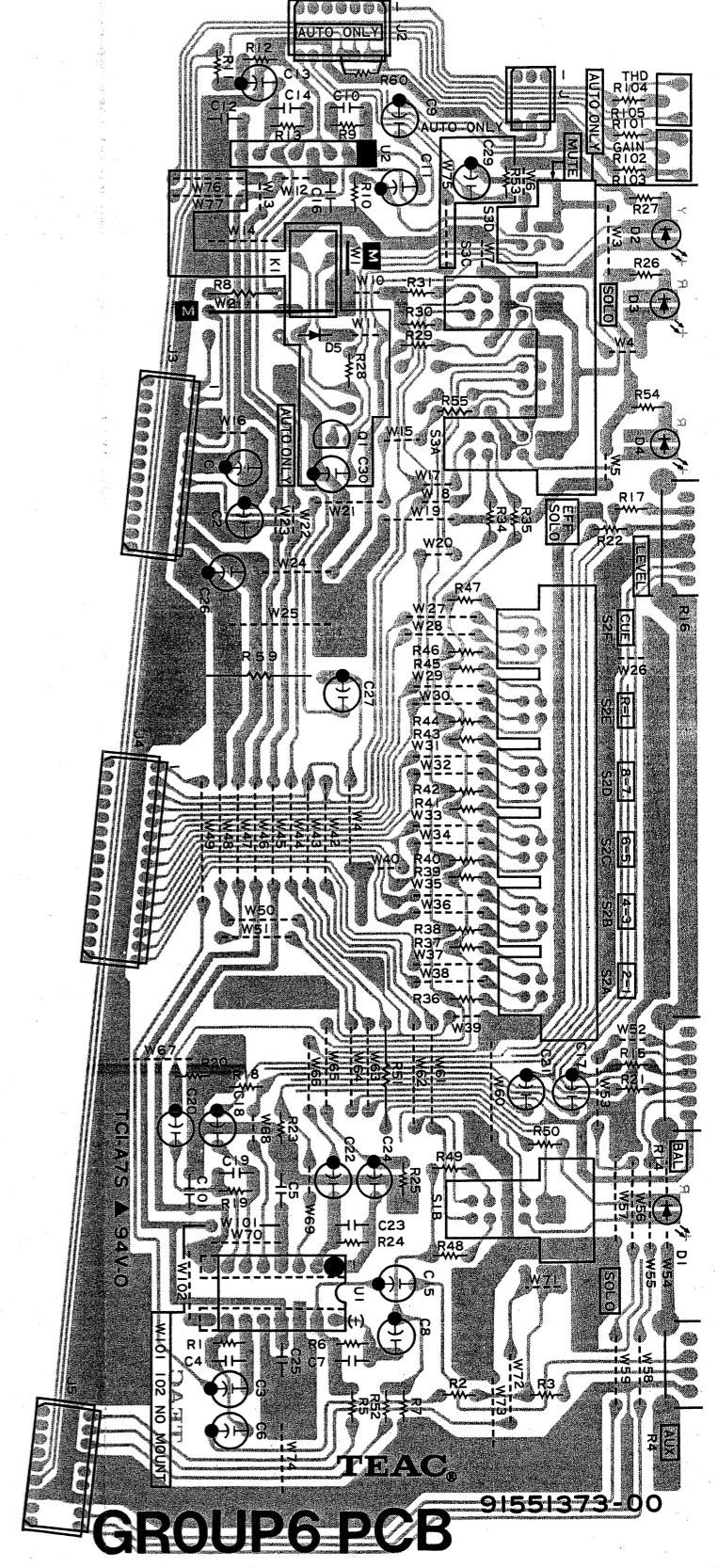
GROUP 4 PCB ASSY



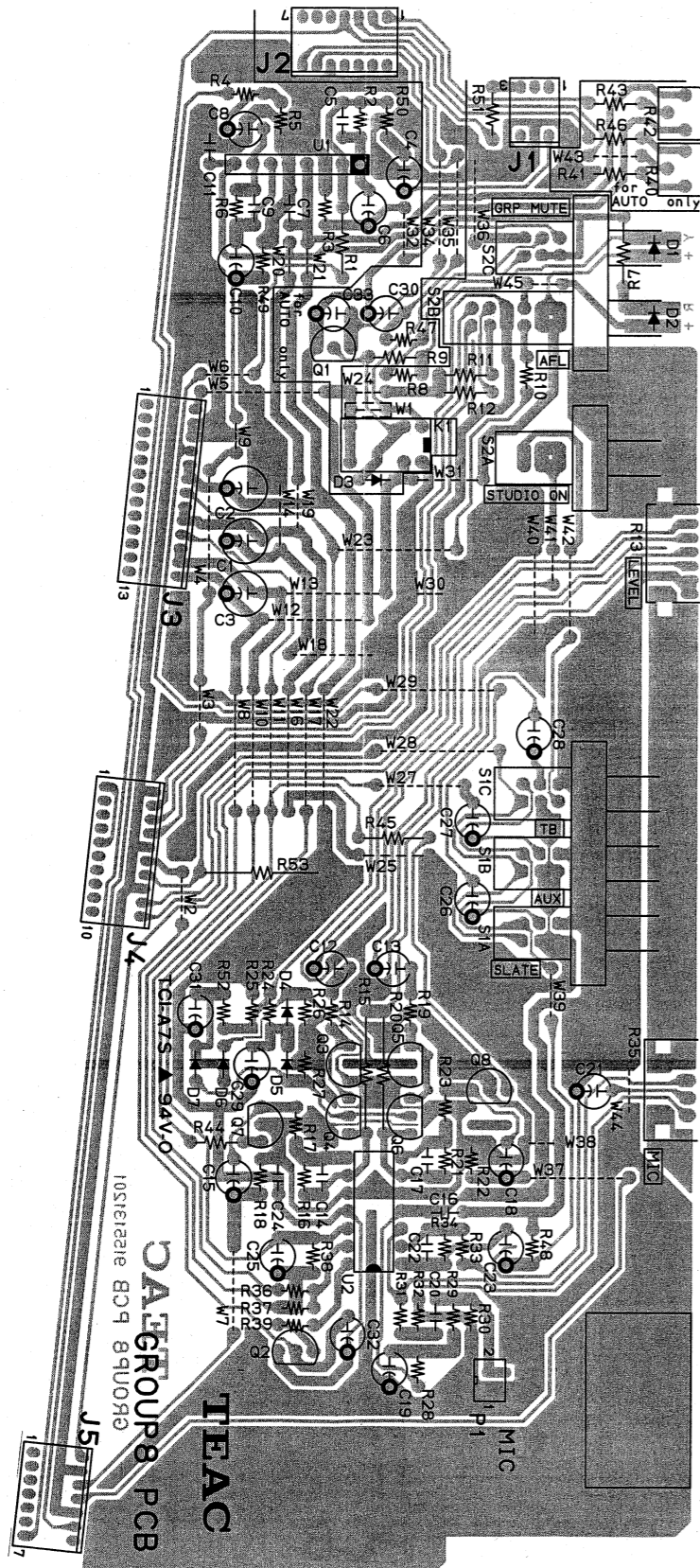
GROUP 5 PCB ASSY



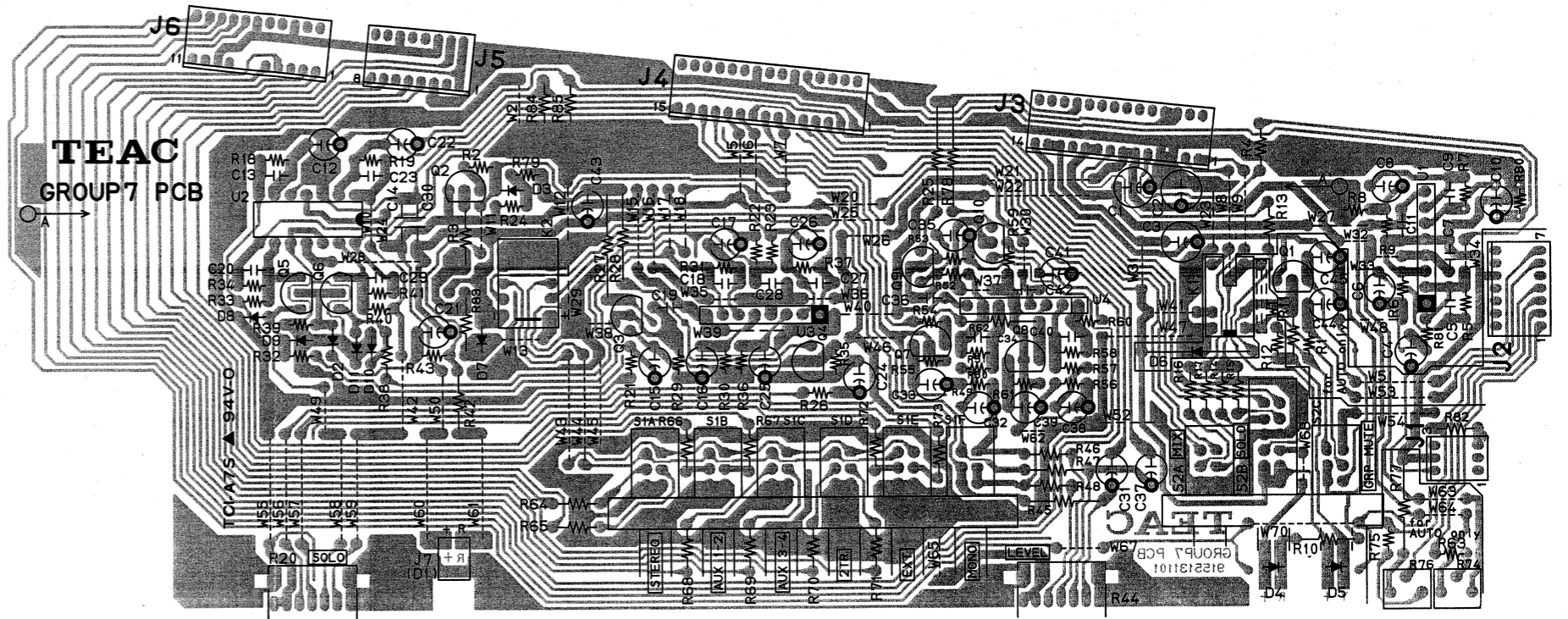
GROUP 6 PCB ASSY



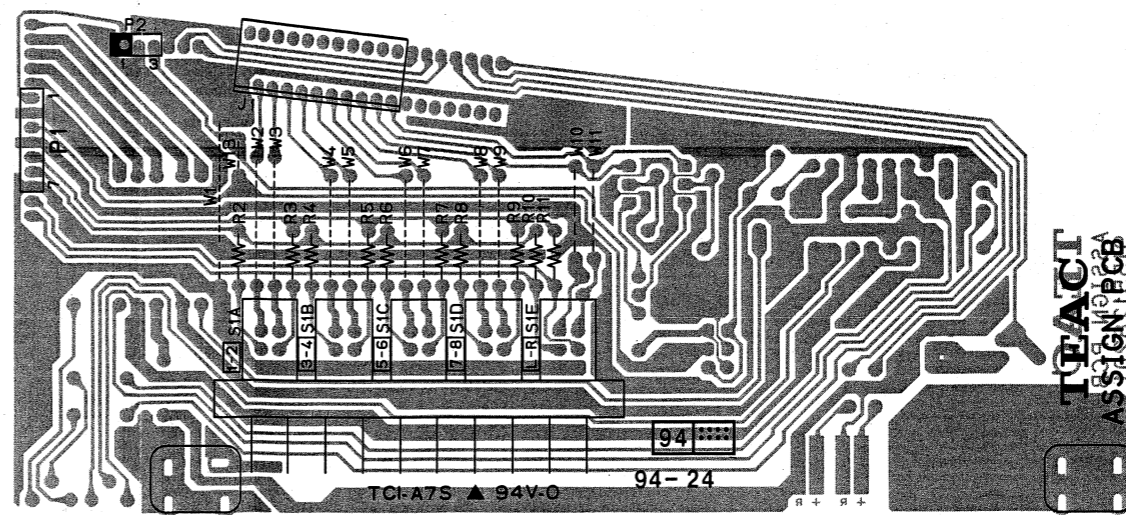
GROUP 8 PCB ASSY



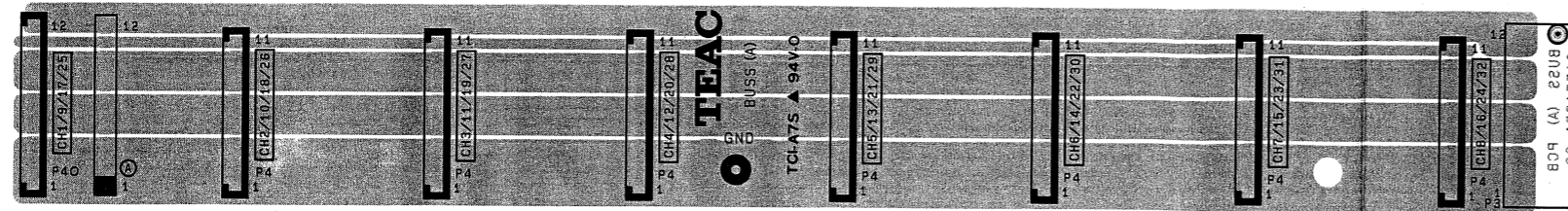
GROUP 7 PCB ASSY



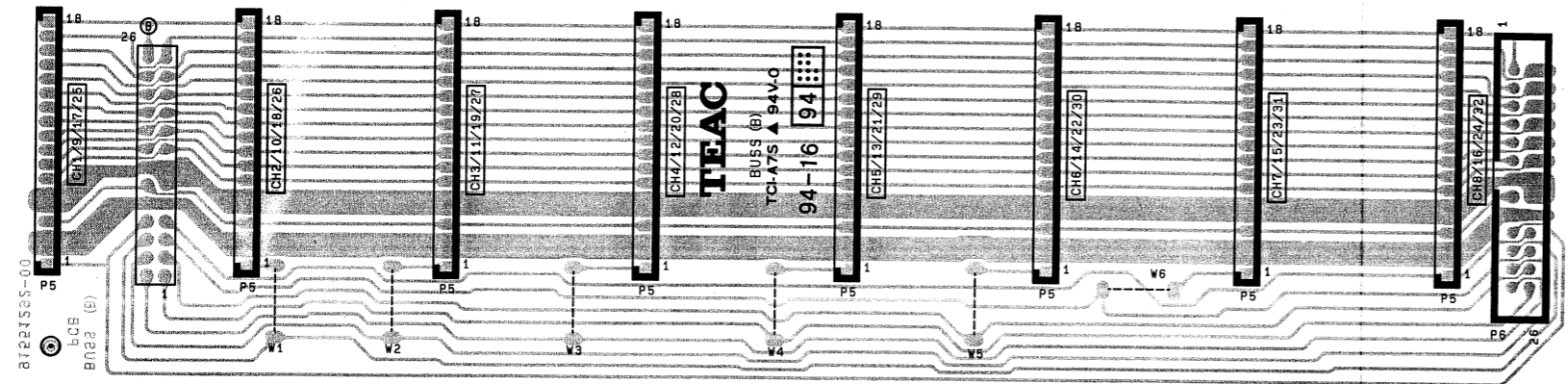
ASSIGN PCB ASSY



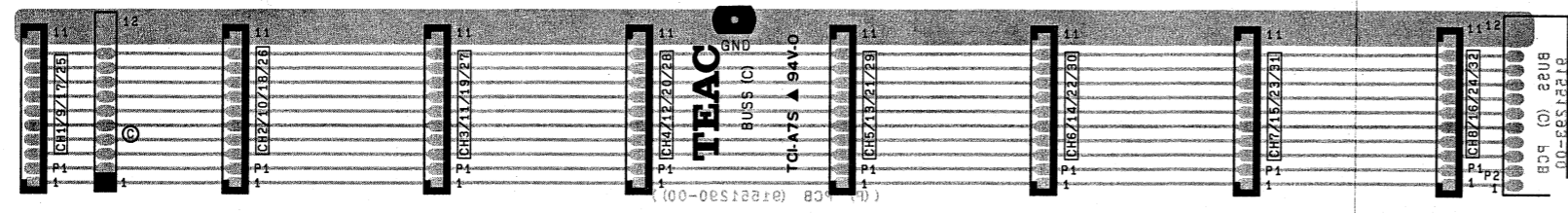
BUSS A PCB ASSY



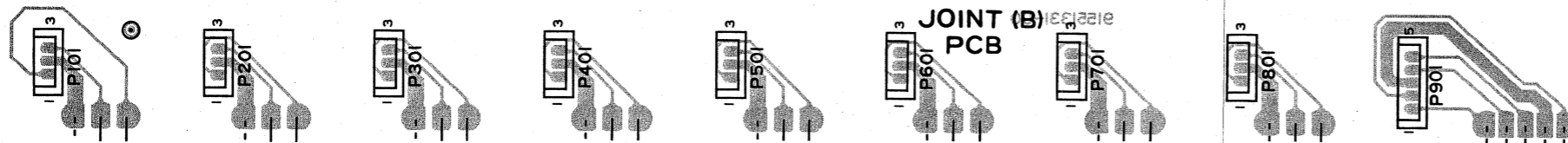
BUSS B PCB ASSY



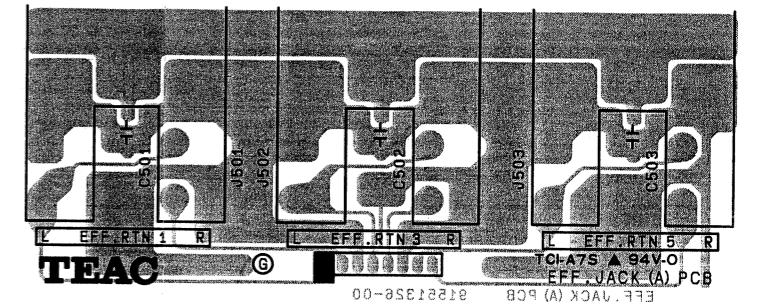
BUSS C PCB ASSY



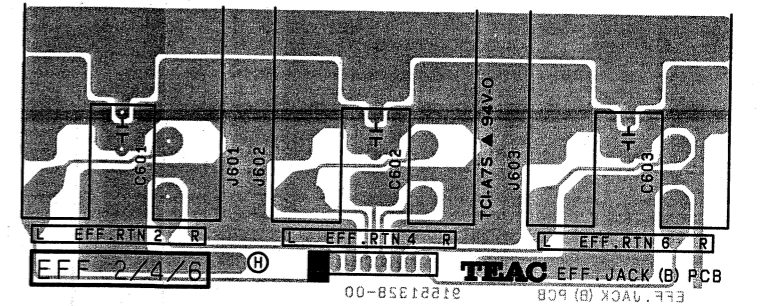
JOINT B PCB ASSY



EFF JACK A PCB ASSY



EFF JACK B PCB ASSY



METER PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------|
| | *9145134101 | METER PCB ASSY |
| | *9155134100 | PCB,METER |
| | 9260203500 | SUPPORT,LED 4 |
| | 9260202700 | SUPPORT,LED 1.5 |
| A | 9107063900 | METER 4P WIRE,350MM |
| B | 9107063800 | METER 12P WIRE,400MM |
| D1 | 9165022150 | DIODE,ISS133T |
| D2 | 9174016000 | LED,SLB55VR3F |
| D2 | 5225021100 | LED,GL8HD22 |
| D101-501 | 9147016000 | LED,SLB55VR3F |
| D101-501 | 5225021100 | LED,GL8HD22 |
| D102-502 | 9147016000 | LED,SLB55VR3F |
| D102-502 | 5225021100 | LED,GL8HD22 |
| Q1 | 9163309420 | TR,2SC1815GR |
| Q101-501 | 9163013320 | TR,DTA115ES |
| Q102-502 | 9163013320 | TR,DTA115ES |
| Q103-503 | 9163313420 | TR,DTC143ES |
| Q104-504 | 9163313420 | TR,DTC143ES |
| R101-501 | 9112057010 | SEMI-FIXED,22K(B) |
| R102-502 | 9112057010 | SEMI-FIXED,22K(B) |
| U101-501 | 9167025000 | IC,LBI482M |
| U101-501 | 5220455400 | IC,LBI482M |
| U102-502 | 9174016100 | LED ARRAY,A22B/5Y7E |
| U103-503 | 9174016100 | LED ARRAY,A22B/5Y7E |

INPUT A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145128101 | INPUT A PCB ASSY |
| | *9155128100 | PCB,INPUT |
| | 9107067900 | 2P WIRE,100MM |
| D1-8 | 9165022150 | DIODE,ISS133T |
| D13-16 | 9174015800 | LED,SLR-34VR3F(RED) |
| D13-16 | 5225013500 | LED,SLR-34VR3F(RED) |
| D17,18 | 9174015900 | LED,SLR-34 DU 3F(AMBER) |
| J1 | 9143382000 | JACK,NC3FPR-H-0(XLR TYPE) |
| J1 | 5330018300 | JACK,NC3FPR-H-0(XLR TYPE) |
| J2 | 9143383000 | 2RNG JACK,YKB21-7013 3Z3A |
| J2 | 5330017900 | 2RNG JACK,3Z-3A |
| J3 | 9143387000 | 2PIN JACK,YKC21-3063 BLK |
| J3 | 5330514500 | JACK,PIN 2P BLK |
| J4 | 9143349000 | CONNECTOR,1L-SDD-12S |
| J4 | 5336282200 | CONNECTOR,1L-SDD-12S-S2L2 |
| J5 | 9143355000 | CONNECTOR,1L-SDD-18S |
| J5 | 5336282800 | CONNECTOR,1L-SDD-18S-S2L2 |
| P1 | 9143620000 | CONNECTOR,TXG-P7P-C1 |
| Q1,4 | 9163203020 | TR,2SB737S |
| Q1,4 | 5230510920 | TR,2SB737S |
| Q2,5 | 5230780920 | TR,2SC2603F |
| Q3,6 | 9163009920 | TR,2SA1015GR |
| Q7,9 | 9163313420 | TR,DTC143ES |
| Q8,10 | 9163013320 | TR,DTA115ES |
| R28 | 9172021900 | IS1UVR,11 20K(RD) |
| R44,40 | 9172022000 | IS1UVR,11 200K(W) |
| R56,62 | 9172022200 | IS1UVR,11 10K(B) C.C |

| | | |
|----------|------------|---------------------------|
| R58,64 | 9172022100 | IS1UVR,11 200K(C)*2 |
| R77 | 9172022600 | IS1UVR,11 10K(A) |
| R82,86 | 9172022500 | IS2UVR,14 10K(AC) C.C |
| R102,107 | 9172023500 | IS1UVR,11 20K(B) C.C |
| R105,111 | 9172022300 | IS2UVR,14 500K(E)*2 |
| R113,115 | 9172022400 | IS1UVR,11 200K(E) |
| R117,119 | 9172022400 | IS1UVR,11 200K(E) |
| R124 | 9114425000 | R,NONF-METAL R25 1W 10 FR |
| R124 | 5241215500 | R,NONF-METAL R25 1W 10 FR |
| S1 | 9135032500 | SW,SLIDE SSSF122NA2-TK |
| S2 | 9135033800 | SW,PUSH SPUJ20 2-4 |
| S3,6 | 9135033600 | SW,PUSH SPUJ12 2-2 |
| S4,8 | 9135033700 | SW,PUSH SPUJ12 4-2 |
| S7 | 9135033600 | SW,PUSH SPUJ12 2-2 |
| S8 | 9135033800 | SW,PUSH SPUJ20 2-4 |
| S9 | 9135034600 | SW,PUSH SPUJ30 2-4-2 |
| U1 | 5220426800 | IC,M5220L |
| U2 | 9167024900 | IC,NJM4741D |
| U2 | 5220455300 | IC,NJM4741D |
| U3 | 9167025200 | IC,BA15532N |
| U3 | 5220455200 | IC,BA15532N |

INPUT B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145128401 | INPUT B PCB ASSY |
| | *9155128100 | PCB,INPUT |
| | 9107067900 | 2P WIRE,100MM |
| D1-8 | 9165022150 | DIODE,ISS133T |
| D13-16 | 9174015800 | LED,SLR-34VR3F(RED) |
| D13-16 | 5225013500 | LED,SLR-34VR3F(RED) |
| D17,18 | 9174015900 | LED,SLR-34 DU 3F(AMBER) |
| J1 | 9143382000 | JACK,NC3FPR-H-0(XLR TYPE) |
| J1 | 5330018300 | JACK,NC3FPR-H-0(XLR TYPE) |
| J2 | 9143383000 | 2RNG JACK,YKB21-7013 3Z3A |
| J2 | 5330017900 | 2RNG JACK,3Z-3A |
| J3 | 9143387000 | 2PIN JACK,YKC21-3063 BLK |
| J3 | 5330514500 | JACK,PIN 2P BLK |
| J4 | 9143348000 | CONNECTOR,1L-SDD-11S |
| J4 | 5336282100 | CONNECTOR,1L-SDD-11S-S2L2 |
| J5 | 9143355000 | CONNECTOR,1L-SDD-18S |
| J5 | 5336282800 | CONNECTOR,1L-SDD-18S-S2L2 |
| P1 | 9143620000 | CONNECTOR,TXG-P7P-C1 |
| Q1,4 | 9163203020 | TR,2SB737S |
| Q1,4 | 5230510920 | TR,2SB737S |
| Q2,5 | 5230780920 | TR,2SC2603F |
| Q3,6 | 9163009920 | TR,2SA1015GR |
| Q7,9 | 9163313420 | TR,DTC143ES |
| Q8,10 | 9163013320 | TR,DTA115ES |
| R28 | 9172021900 | IS1UVR,11 20K(RD) |
| R44,40 | 9172022000 | IS1UVR,11 200K(W) |
| R56,62 | 9172022200 | IS1UVR,11 10K(B) C.C |
| R58,64 | 9172022100 | IS1UVR,11 200K(C)*2 |
| R77 | 9172022600 | IS1UVR,11 10K(A) |
| R82,86 | 9172022500 | IS2UVR,14 10K(AC) C.C |
| R102,107 | 9172023500 | IS1UVR,11 20K(B) C.C |
| R105,111 | 9172022300 | IS2UVR,14 500K(E)*2 |

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| | | |
|----------|------------|----------------------|
| R113,115 | 9172022400 | ISIUVR,11 200K(E) |
| R117,119 | 9172022400 | ISIUVR,11 200K(E) |
| S2 | 9135033800 | SW,PUSH SPUJ20 2-4 |
| S3,6 | 9135033600 | SW,PUSH SPUJ12 2-2 |
| S4,8 | 9135033700 | SW,PUSH SPUJ12 4-2 |
| S5 | 9135033800 | SW,PUSH SPUJ20 2-4 |
| S7 | 9135033600 | SW,PUSH SPUJ12 2-2 |
| S9 | 9135034600 | SW,PUSH SPUJ30 2-4-2 |
| U1 | 5220426800 | IC,M5220L |
| U2 | 9167024900 | IC,NJM4741D |
| U2 | 5220455300 | IC,NJM4741D |
| U3 | 9167025200 | IC,BAI5532N |
| U3 | 5220455200 | IC,BAI5532N |

JOINT A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145132101 | JOINT A PCB ASSY |
| | *9155132101 | PCB,JOINT A |
| | 9107068700 | IP GND WIRE,A 200MM |
| | 9107068800 | IP GND WIRE,B 360MM |
| A B | 9107065700 | JOINT A 14P WIRE,350MM |
| C | 9107065800 | JOINT A 11P WIRE,300MM |
| D F | 9107065900 | JOINT A 5P WIRE,300MM |
| E | 9107066000 | JOINT A 10P WIRE,300MM |
| G H | 9107066100 | JOINT A 8P WIRE,230MM |
| P1,10 | 9143369000 | CONNECTOR,1L-SDD-14P |
| P1,10 | 5336280400 | CONNECTOR,1L-SDD-14P-S2T |
| P2,7 | 9143366000 | CONNECTOR,1L-SDD-11P |
| P2,7 | 5336280100 | CONNECTOR,1L-SDD-11P-S2T |
| P3,4 | 9143364000 | CONNECTOR,1L-SDD-9P-S2T |
| P3,4 | 5336279900 | CONNECTOR,1L-SDD-9P-S2T |
| P5,6 | 9143364000 | CONNECTOR,1L-SDD-9P-S2T |
| P5,6 | 5336279900 | CONNECTOR,1L-SDD-9P-S2T |
| P8 | 9143363000 | CONNECTOR,1L-SDD-8P-S2T |
| P8 | 5336279800 | CONNECTOR,1L-SDD-8P-S2T |
| P9 | 9143362000 | CONNECTOR,1L-SDD-7P-S2T |
| P9 | 5336279700 | CONNECTOR,1L-SDD-7P-S2T |
| RA1,2 | 9111254000 | R,ARRAY RMNZ8837 |
| RA1,2 | 5242135700 | R,ARRAY RMNZ8 837 |
| U1,2 | 9167025200 | IC,BAI5532N |
| U1,2 | 5220455200 | IC,BAI5532N |
| U3 | 5220417300 | IC,M5219L |

JOINT B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|-------------------------|
| | *9145133100 | JOINT B PCB ASSY |
| | *9155133100 | PCB,JOINT B |
| P101-801 | 9143358000 | CONNECTOR,1L-SDD-3P |
| P101-801 | 5336279300 | CONNECTOR,1L-SDD-3P-S2T |
| P901 | 9143360000 | CONNECTOR,1L-SDD-5P |
| P901 | 5336279500 | CONNECTOR,1L-SDD-5P-S2T |

INSERTION A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145132200 | INSERTION A PCB ASSY |
| | *9155132200 | PCB,INSERTION A |
| J101,201 | 9143386000 | 2RNG JACK,YKB21-7014 3Z3Z |
| J101,201 | 5330018200 | 2RNG JACK,3Z-3Z |
| J301 | 9143384000 | 2RNG JACK,YKB21-7010 2B2B |
| J301 | 5330017800 | 2RNG JACK,2B-2B |

INSERTION B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145132300 | INSERTION B PCB ASSY |
| | *9155132300 | PCB,INSERTION B |
| | 9143384000 | 2RNG JACK,YKB21-7010 2B2B |
| | 5330017800 | 2RNG JACK,2B-2B |
| J201,202 | 9143386000 | 2RNG JACK,YKB21-7014 3Z3Z |
| J201,202 | 5330018200 | 2RNG JACK,3Z-3Z |
| J204 | 9143386000 | 2RNG JACK,YKB21-7014 3Z3Z |
| J204 | 5330018200 | 2RNG JACK,3Z-3Z |
| J205,206 | 9143382000 | JACK,NC3FPR-H-0(XLR TYPE) |
| J205,206 | 5330018300 | JACK,NC3FPR-H-0(XLR TYPE) |
| P201,202 | 9143316000 | XLR PLUG, YKF52-5003 |

DC JACK PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|--------------------------|
| | *9145132701 | DC JACK PCB ASSY |
| | *9155132701 | PCB,DC JACK |
| | 9107065600 | DC JACK GND WIRE,200MM |
| B | 9107066200 | DC JACK 11P WIRE,470MM |
| C | 9107066300 | DC JACK 12P WIRE,470MM |
| P1 | 9143377000 | CONNECTOR SOCKET,DMR-15P |
| P2 | 9143232000 | CONNECTOR,B4B-PH-K-S |
| RI | △ 9114401000 | R,NON-F 3W 1 FR |

FADER A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|-----------------------|
| | *9145128301 | FADER A PCB ASSY |
| | *9155128300 | PCB,FADER A |
| P1 | 9107065001 | ASSIGN 3P WIRE |
| RI | 9172023300 | SLIDE VR,100K RSAON11 |

FADER B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145133200 | FADER B PCB ASSY |
| | *9155133200 | PCB,FADER B |
| R101-801 | 9172023300 | SLIDE VR,100K RSAON11 |
| R901 | 9172023400 | SLIDE VR,10K*2 RSAON1219 |

BUSS A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145129100 | BUSS A PCB ASSY |
| | *9155129100 | PCB,BUSS A |
| | 9107065100 | BUSS A 12P WIRE,250MM |
| | 9107065300 | BUSS A GND WIRE,270MM |
| | 9107068500 | IP WIRE,A 300MM |
| | 9107068400 | IP GND WIRE,380MM |
| P3 | 9143392000 | CONNECOTR,S12B-PH-K-S |
| P4 | 9143366000 | CONNECOTR,1L-SDD-11P |
| P4 | 5336280100 | CONNECTOR,1L-SDD-11P-S2T |
| P40 | 9143367000 | CONNECOTR,1L-SDD-12P |
| P40 | 5336280200 | CONNECTOR,1L-SDD-12P-S2T |

BUSS B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145129200 | BUSS B PCB ASSY |
| | *9155129200 | PCB,BUSS B |
| | 9107067200 | MASTER BUSS 26P WIRE,350 |
| P5 | 9143373000 | CONNECOTR,1L-SDD-18P |
| P5 | 5336280800 | CONNECTOR,1L-SDD-18P-S2T |
| P6 | 9143393000 | CONNECOTR,LPHS-26S-02-B |

BUSS C PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145129300 | BUSS C PCB ASSY |
| | *9155129300 | PCB,BUSS C |
| | 9107065200 | BUSS C 12P WIRE,250MM |
| P1 | 9143366000 | CONNECOTR,1L-SDD-11P |
| P1 | 5336280800 | CONNECTOR,1L-SDD-11P-S2T |
| P2 | 9143392000 | CONNECOTR,S12B-PH-K-S |

MASTER BUSS PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|--------------------------|
| | *9145134200 | MASTER BUSS PCB ASSY |
| | *9155134200 | PCB,MASTER BUSS |
| | 9107067200 | MASTER BUSS 26P WIRE,350 |
| A | 9143368000 | CONNECOTR,1L-SDD-13P |
| P1-8 | 5336280300 | CONNECTOR,1L-SDD-13P-S2T |
| P7,9 | 9143369000 | CONNECTOR,1L-SDD-14P |
| P7,9 | 5336280400 | CONNECTOR,1L-SDD-14P-S2T |
| P10 | 9143371000 | CONNECTOR,1L-SDD-16P |
| P10 | 5336280600 | CONNECTOR,1L-SDD-16P-S2T |
| P11-14 | 9143370000 | CONNECTOR,1L-SDD-15P |
| P11-14 | 5336280500 | CONNECTOR,1L-SDD-15P-S2T |
| P15 | 9143370000 | CONNECTOR,1L-SDD-15P |
| P15 | 5336280500 | CONNECTOR,1L-SDD-15P-S2T |
| P16 | 9143365000 | CONNECTOR,1L-SDD-10P-S2T |
| P16 | 5336280000 | CONNECTOR,1L-SDD-10P-S2T |
| P17 | 9143363000 | CONNECTOR,1L-SDD-8P-S2T |
| P17 | 5336279800 | CONNECTOR,1L-SDD-8P-S2T |

| | | |
|-----|------------|--------------------------|
| P18 | 9143362000 | CONNECTOR,1L-SDD-7P-S2T |
| P18 | 5336279700 | CONNECTOR,1L-SDD- 7P-S2T |
| P19 | 9143240000 | CONNECTOR PLUG,B12B-PH-K |
| P20 | 9143179000 | CONNECTOR PLUG,B11B-EH-A |

STEREO PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|---------------------------|
| | *9145131301 | STEREO PCB ASSY |
| | *9155131301 | PCB,STEREO |
| J1 | 9143342000 | CONNECTOR,1L-SDD-5S |
| J1 | 5336281500 | CONNECTOR,1L-SDD-5S-S2L2 |
| J3 | 9143345000 | CONNECTOR,1L-SDD-8S |
| J3 | 5336281800 | CONNECTOR,1L-SDD-8S-S2L2 |
| J4 | 9143344000 | CONNECTOR,1L-SDD-7S |
| J4 | 5336281700 | CONNECTOR,1L-SDD-7S-S2L2 |
| J5 | 9143351000 | CONNECTOR,1L-SDD-14S |
| J5 | 5336282400 | CONNECTOR,1L-SDD-14S-S2L2 |
| J6 | 9143385000 | 2RNG JACK,YKB21-7011 3A3A |
| J6 | 5330018100 | 2RNG JACK,3A-3A |
| R15,35 | 9172023100 | 1S2UVR,14 10K(A)*2 |
| R34,44 | △ 9114025000 | R,NON-F R-25 10 FR |
| R53,58 | △ 9114025000 | R,NON-F R-25 10 FR |
| U1,2 | 9167025200 | IC,BA15532N |
| U1,2 | 5220455200 | IC,BA15532N |
| U3-6 | 9167015100 | IC,BA15218N |

AUX JACK A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145132400 | AUX JACK A PCB ASSY |
| | *9155132400 | PCB,AUX JACK A |
| J301,302 | 9143384000 | 2RNG JACK,YKB21-7010 2B2B |
| J301,302 | 5330017800 | 2RNG JACK,2B-2B |
| J303,304 | 9143387000 | 2PIN JACK,YKC21-3063 BLK |
| J303,304 | 5330514500 | JACK,PIN 2P BLK |

AUX JACK B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| | *9145132500 | AUX JACK B PCB ASSY |
| | *9155132500 | PCB,AUX JACK B |
| J401,402 | 9143384000 | 2RNG JACK,YKB21-7010 2B2B |
| J401,402 | 5330017800 | 2RNG JACK,2B-2B |

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GROUP 1 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145130100 | GROUP 1 PCB ASSY |
| | *9155130100 | PCB, GROUP 1 |
| | 9107067300 | GROUP IP WIRE, A |
| | 9107067400 | GROUP IP WIRE, B |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D3, 4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D3, 4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |
| J4 | 9143351000 | CONNECTOR, 1L-SDD-14S |
| J4 | 5336282400 | CONNECTOR, 1L-SDD-14S-S2L2 |
| J5 | 9143351000 | CONNECTOR, 1L-SDD-14S |
| J5 | 5336282400 | CONNECTOR, 1L-SDD-14S-S2L2 |
| R7 | 9172022700 | IS2UVR, 14 200K(E)*2 |
| R22 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R25 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S1 | 9135034100 | SW, PUSH SPUJ20 2-2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034400 | SW, PUSH SPUJ40 2-4-2-4 |
| U1, 2 | 5220417300 | IC, M5219L |
| U3 | 9167025200 | IC, BA15532N |
| U3 | 5220455200 | IC, BA15532N |
| U4 | 5220417300 | IC, M5219L |

GROUP 2 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145137100 | GROUP 2 PCB ASSY |
| | *9155137100 | PCB, GROUP 2 |
| | 9107067300 | GROUP IP WIRE, A |
| | 9107067400 | GROUP IP WIRE, B |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D3, 4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D3, 4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282600 | CONNECTOR, 1L-SDD-16S-S2L2 |
| J4 | 9143353000 | CONNECTOR, 1L-SDD-16S |
| J4 | 5336282400 | CONNECTOR, 1L-SDD-14S-S2L2 |
| J5 | 9143348000 | CONNECTOR, 1L-SDD-11S |
| J5 | 5336282100 | CONNECTOR, 1L-SDD-11S-S2L2 |
| R7 | 9172022700 | IS2UVR, 14 200K(E)*2 |
| R22 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R25 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034500 | SW, PUSH SPUJ30 2-4-0-4 |
| U1, 2 | 5220417300 | IC, M5219L |
| U3 | 9167025200 | IC, BA15532N |
| U3 | 5220455200 | IC, BA15532N |
| U4 | 5220417300 | IC, M5219L |

GROUP 3 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145130200 | GROUP 3 PCB ASSY |
| | *9155130200 | PCB, GROUP 3 |
| D1, 3 | 9174015800 | LED, SLR-34VR3F (RED) |
| D1, 3 | 5225013500 | LED, SLR-34VR3F (RED) |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |
| J4 | 9143352000 | CONNECTOR, 1L-SDD-15S |
| J4 | 5336282500 | CONNECTOR, 1L-SDD-15S-S2L2 |
| J5 | 9143346000 | CONNECTOR, 1L-SDD-6S |
| J5 | 5336281900 | CONNECTOR, 1L-SDD-9S-S2L2 |
| R4 | 9172022400 | IS1UVR, 11 200K(E) |
| R14 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R16 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S1 | 9135034200 | SW, PUSH SPUJ20 4-2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034400 | SW, PUSH SPUJ40 2-4-2-4 |
| U1 | 9167024900 | IC, NJM4741D |
| U1 | 5220455300 | IC, NJM4741D |
| U2 | 9167025200 | IC, BA15532N |
| U2 | 5220455200 | IC, BA15532N |

GROUP 4 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145137200 | GROUP 4 PCB ASSY |
| | *9155137200 | PCB, GROUP 4 |
| D1, 3 | 9174015800 | LED, SLR-34VR3F (RED) |
| D1, 3 | 5225013500 | LED, SLR-34VR3F (RED) |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |
| J4 | 9143352000 | CONNECTOR, 1L-SDD-15S |
| J4 | 5336282500 | CONNECTOR, 1L-SDD-15S-S2L2 |
| J5 | 9143346000 | CONNECTOR, 1L-SDD-6S |
| J5 | 5336281900 | CONNECTOR, 1L-SDD-9S-S2L2 |
| R4 | 9172022400 | IS1UVR, 11 200K(E) |
| R14 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R16 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S1 | 9135034200 | SW, PUSH SPUJ20 4-2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034500 | SW, PUSH SPUJ30 2-4-0-4 |
| U1 | 9167024900 | IC, NJM4741D |
| U1 | 5220455300 | IC, NJM4741D |
| U2 | 9167025200 | IC, BA15532N |
| U2 | 5220455200 | IC, BA15532N |

GROUP 5 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145130300 | GROUP 5 PCB ASSY |
| | *9155130300 | PCB, GROUP 5 |
| D1,3 | 9174015800 | LED, SLR-34VR3F (RED) |
| D1,3 | 5225013500 | LED, SLR-34VR3F (RED) |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |
| J4 | 9143352000 | CONNECTOR, 1L-SDD-15S |
| J4 | 5336282500 | CONNECTOR, 1L-SDD-15S-S2L2 |
| J5 | 9143346000 | CONNECTOR, 1L-SDD-6S |
| J5 | 5336281900 | CONNECTOR, 1L-SDD-9S-S2L2 |
| R4 | 9172022400 | IS1UVR, 11 200K(E) |
| R14 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R16 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S1 | 9135033700 | SW, PUSH SPUJ12 4-2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034400 | SW, PUSH SPUJ40 2-4-2-4 |
| U1 | 9167024900 | IC, NJM4741D |
| U1 | 5220455300 | IC, NJM4741D |
| U2 | 9167025200 | IC, BAI5532N |
| U2 | 5220455200 | IC, BAI5532N |

GROUP 6 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145137300 | GROUP 6 PCB ASSY |
| | *9155137300 | PCB, GROUP 6 |
| D1,3 | 9174015800 | LED, SLR-34VR3F (RED) |
| D1,3 | 5225013500 | LED, SLR-34VR3F (RED) |
| D2 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D4 | 5225013500 | LED, SLR-34VR3F (RED) |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |
| J4 | 9143352000 | CONNECTOR, 1L-SDD-15S |
| J4 | 5336282500 | CONNECTOR, 1L-SDD-15S-S2L2 |
| J5 | 9143346000 | CONNECTOR, 1L-SDD-6S |
| J5 | 5336281900 | CONNECTOR, 1L-SDD-9S-S2L2 |
| R4 | 9172022400 | IS1UVR, 11 200K(E) |
| R14 | 9172023000 | IS2UVR, 14 10K(MN)2 |
| R16 | 9172022900 | IS2UVR, 14 200K(W)*2 |
| S1 | 9135033700 | SW, PUSH SPUJ12 4-2 |
| S2 | 9135034300 | SW, PUSH SPUJ60 2-2 |
| S3 | 9135034500 | SW, PUSH SPUJ30 2-4-0-4 |
| U1 | 9167024900 | IC, NJM4741D |
| U1 | 5220455300 | IC, NJM4741D |
| U2 | 9167025200 | IC, BAI5532N |
| U2 | 5220455200 | IC, BAI5532N |

GROUP 7 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145131101 | GROUP 7 PCB ASSY |
| | *9155131101 | PCB, GROUP 7 |
| A | 9107069300 | IP WIRE, 220MM BLK |
| D1 | 9174016000 | LED, SLB55VR3F |
| D1 | 5225021100 | LED, GL8HD22 |
| D2,3 | 9165022150 | DIODE, 1SS133T |
| D4 | 9174015800 | LED, SLR-34VR3F (RED) |
| D4 | 5225013500 | LED, SLR-34VR3F (RED) |
| D5 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D7-11 | 9165022150 | DIODE, 1SS133T |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143351000 | CONNECTOR, 1L-SDD-14S |
| J3 | 5336282400 | CONNECTOR, 1L-SDD-14S-S2L2 |
| J4 | 9143352000 | CONNECTOR, 1L-SDD-15S |
| J4 | 5336282500 | CONNECTOR, 1L-SDD-15S-S2L2 |
| J5 | 9143345000 | CONNECTOR, 1L-SDD-8S |
| J5 | 5336281800 | CONNECTOR, 1L-SDD-8S-S2L2 |
| J6 | 9143348000 | CONNECTOR, 1L-SDD-11S |
| J6 | 5336282100 | CONNECTOR, 1L-SDD-11S-S2L2 |
| J7 | 9143388000 | CONNECTOR, 3024-02AHPB |
| K2 | 5290015600 | RELAY, A-12W-K |
| Q2 | 9163012020 | TR, DTA143ES |
| Q3,4 | 9163310620 | TR, 2SC2878A |
| Q5,6 | 9174016000 | LED, SLB55VR3F |
| Q5,6 | 5232008420 | FET, 2SK-381 D |
| Q7-10 | 9163310620 | TR, 2SC2878A |
| R20,44 | 9172023100 | IS2UVR, 14 10K(A)*2 |
| S1 | 9135034800 | SW, PUSH SPUJ60 2*6L |
| S2 | 9135034600 | SW, PUSH SPUJ30 2-4-2 |
| U1,3 | 9167025200 | IC, BAI5532N |
| U1,3 | 5220455200 | IC, BAI5532N |
| U2 | 9167024900 | IC, NJM4741D |
| U2 | 5220455300 | IC, NJM4741D |
| U4 | 9167025200 | IC, BAI5532N |
| U4 | 5220455200 | IC, BAI5532N |

GROUP 8 PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145131201 | GROUP 8 PCB ASSY |
| | *9155131201 | PCB, GROUP 8 |
| | 9260202500 | WIRE CLAMP, AWC-2 |
| | 5730030200 | WIRE CLAMP, S-514 |
| | 9107067100 | MIC WIRE, 2P 50MM |
| A-A | 9107067600 | IP WIRE, 150MM BLK |
| B-B | 9107067700 | IP WIRE, 150MM WHT |
| C-C | 9107067800 | IP WIRE, 30MM WHT |
| D1 | 9174015900 | LED, SLR-34 DU 3F (AMBER) |
| D2 | 9174015800 | LED, SLR-34VR3F (RED) |
| D2 | 5225013500 | LED, SLR-34VR3F (RED) |
| D4-7 | 9165022150 | DIODE, 1SS133T |
| J1 | 9143340000 | CONNECTOR, 1L-SDD-3S |
| J1 | 5336281300 | CONNECTOR, L-SDD-3S-S2L2 |
| J3 | 9143350000 | CONNECTOR, 1L-SDD-13S |
| J3 | 5336282300 | CONNECTOR, 1L-SDD-13S-S2L2 |

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| | | |
|------|------------|----------------------------|
| J4 | 9143347000 | CONNECTOR, 1L-SDD-10S |
| J4 | 5336282000 | CONNECTOR, 1L-SDD-10S-S2L2 |
| J5 | 9143344000 | CONNECTOR, 1L-SDD-7S |
| J5 | 5336281700 | CONNECTOR, 1L-SDD-7S-S2L2 |
| MCI | 9179000100 | MIC, CONDENSER U-502 |
| MCI | 5347007700 | MIC, CONDENSER WM-034CY |
| PI | 9143230000 | CONNECTOR PLUG, 2P(WHT) |
| Q2 | 9163310420 | TR, DTC124ES |
| Q3,5 | 5232007920 | FET, 2SJ-40(D) |
| Q4,6 | 5232008420 | FET, 2SK-381 D |
| Q7,8 | 9163310620 | TR, 2SC2878A |
| R13 | 9172023100 | 1S2UVR, 14 10K(A)*2 |
| R35 | 9172023200 | 1S1UVR, 11 50K(W) |
| SI | 9135034900 | SW, PUSH SPUJ30 2*3 NL |
| S2 | 9135034700 | SW, PUSH SPUJ30 2-4-0-2 |
| UI | 9167025200 | IC, BA15532N |
| UI | 5220455200 | IC, BA15532N |
| U2 | 9167024900 | IC, NJM4741D |
| U2 | 5220455300 | IC, NJM4741D |

ASSIGN PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145128201 | ASSIGN PCB ASSY |
| | *9155128200 | PCB, ASSIGN |
| | 13180156 | TERMINAL, P-424 |
| | 9107067900 | 2P WIRE, 100MM |
| J1 | 9143348000 | CONNECTOR, 1L-SDD-11S |
| J1 | 5336282100 | CONNECTOR, 1L-SDD-11S-S2L2 |
| PI | 9143620000 | CONNECTOR, TXG-P7P-C1 |
| P2 | 9143231000 | CONNECTOR PLUG, 3P(WHT) |
| SI | 9135034000 | SW, PUSH SPUJ 2*5 |

EFF JACK A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145132600 | EFF JACK A PCB ASSY |
| | *9155132600 | PCB, EFF JACK A |
| J501-503 | 9143384000 | 2RNG JACK, YKB21-7010 2B2B |
| J501-503 | 5330017800 | 2RNG JACK, 2B-2B |

EFF JACK B PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|----------------------------|
| | *9145132800 | EFF JACK B PCB ASSY |
| | *9155132800 | PCB, EFF JACK B |
| J501-503 | 9143384000 | 2RNG JACK, YKB21-7010 2B2B |
| J501-503 | 5330017800 | 2RNG JACK, 2B-2B |

PWR SUPPLY PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|------------------------------|
| | *9145135101 | PWR SUPPLY PCB ASSY |
| | *9155135100 | PCB, POWER SUPPLY |
| | 9150018000 | FUSE HOLDER, 2-N1152 |
| | 5332015800 | HOLDER, FUSE |
| | 9260069801 | HEAT SINK |
| | 9783213008 | SCREW, BTT-B M3*8 |
| | 9143378000 | CONNECTOR SOCKET, DMR-15S |
| | 9107067000 | POWER SUPPLY 7P WIRE, 250MM |
| C4,5 | △ 9117303000 | C, ELEC 15000UF 50V |
| C6 | △ 9117303100 | C, ELEC 1000UF 100V |
| C8 | △ 9117303200 | C, ELEC 6800UF 16V |
| C32 | △ 9117216000 | C, ELEC 220M 50V |
| D3 | △ 9165021500 | DIODE, BRIDGE PB153M |
| D4-6 | △ 9165022200 | DIODE, PR3003 |
| D7 | △ 9165022200 | DIODE, PR3003 |
| D8 | △ 9165022400 | DIODE, BRIDGE PB153H |
| D9 | 9165022400 | DIODE, BRIDGE PB153H |
| D10 | 9166037201 | ZENER DIODE, RD16EB2 |
| D11,12 | 9165022150 | DIODE, 1SS133T |
| F1,2 | △ 5307050700 | FUSE, 4A SLOW BLOW [J,US] |
| F1,2 | △ 5142192000 | FUSE, MINI T LAG 4A 250V [E] |
| F3 | △ 5307049400 | FUSE, 630MA SLOW BLOW [J,US] |
| F3 | △ 5142185000 | F, MINI T LAG 630MA 250V [E] |
| F4 | △ 5307050500 | FUSE, 3.15A SLOW BLOW [J,US] |
| F4 | △ 5142191000 | F, MINI T LAG 3.15A 250V [E] |
| GND | 9229021000 | EARTH PLATE, A |
| PI | 9143398000 | CONNECTOR, 5273-07A |
| P2 | 9143171020 | CONNECTOR PLUG, B3B-EH-A B |
| P3 | 9143171000 | CONNECTOR PLUG, B3B-EH-A |
| P4 | 9143171010 | CONNECTOR PLUG, B3B-EH-A R |
| P5 | 9143172000 | CONNECTOR PLUG, B4B-EH-A |
| Q1 | △ 9163310200 | TR, 2SC2655Y |
| Q3 | 9163011620 | TR, 2SA1020Y |
| Q5 | △ 9163310500 | TR, 2SD1762E |
| Q8 | △ 9163310200 | TR, 2SC2655Y |
| Q9 | 9163013320 | TR, DTA115ES |
| R1,2 | △ 9114066110 | R, NON-F R25 560 FH-10 |
| R6 | △ 9112056010 | SEMI-FIXED 4.7K(B) |
| U1 | △ 5220425800 | IC, M5230LA |
| U2 | △ 5220442700 | IC, M5231TL |

TRANS PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|-------------|-----------------------------|
| | *9145135800 | TRANS PCB ASSY |
| | *9155135800 | TRANS PCB, A |
| PI | 9107067000 | POWER SUPPLY 7P WIRE, 250MM |

POWER SW PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|----------------------------|
| | *9145135200 | POWER SW PCB ASSY |
| | *9155135200 | PCB,POWER SW |
| | 9107066400 | POWER SW WIRE,380MM WHT |
| | 9107066500 | POWER SW WIRE,380MM BLK |
| | 5730007500 | COVER,CONDENSER SB-1417[E] |
| | 5327007200 | TERMINAL LAPPING 2P [E] |
| CI | △ 9120000100 | C, SPARK KILL.0.0047U/400V |
| SI | △ 9135028900 | SW,POWER |

DIODE PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|-------------------------|
| | *9145135600 | DIODE PCB ASSY |
| | *9155135600 | PCB,DIODE |
| D | 9107066900 | DIODE 4P WIRE,400MM WHT |
| D1 | △ 5224019900 | DIODE,BRIDGE F10P40F |
| D2 | △ 5224019800 | DIODE,BRIDGE F10P40F |

TR A PCB ASSY

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|------------------------|
| | *9145135300 | TR A PCB ASSY |
| | *9155135300 | PCB,TR A |
| A | 9107066600 | TR A 3P WIRE,160MM RED |
| Q2 | △ 9163013600 | TR,2SA1302 O |
| Q2 | △ 5230020100 | TR,2SA1302-0 |

TR B PCB ASSY

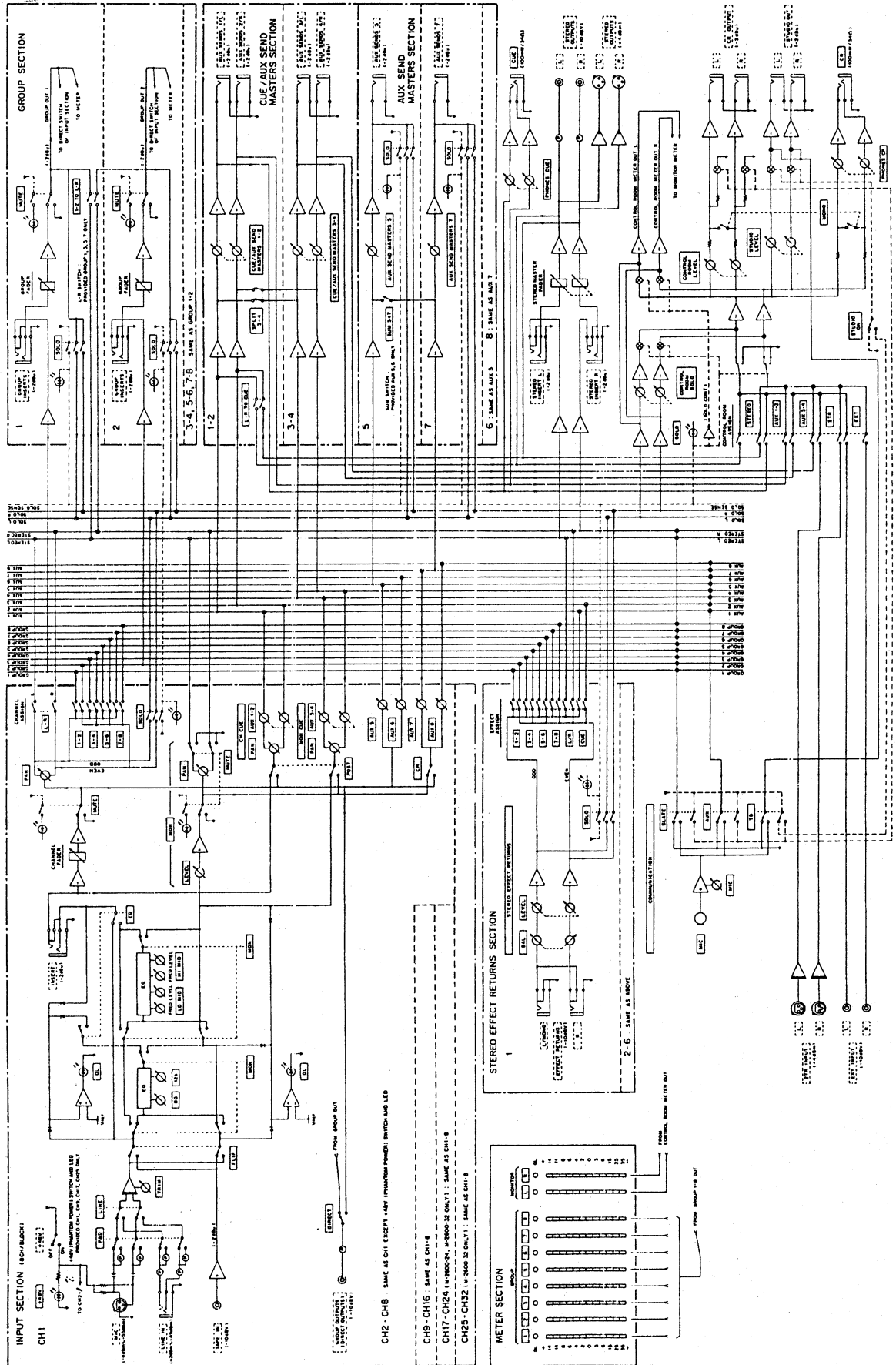
| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|------------------------|
| | *9145135400 | TR B PCB ASSY |
| | *9155135400 | PCB,TR B |
| B | 9107066700 | TR B 3P WIRE,300MM WHT |
| Q4 | △ 9163013500 | TR,2SC3281 O |
| Q4 | △ 5230783100 | TR,2SC3281-0 |

5V PCB ASSY

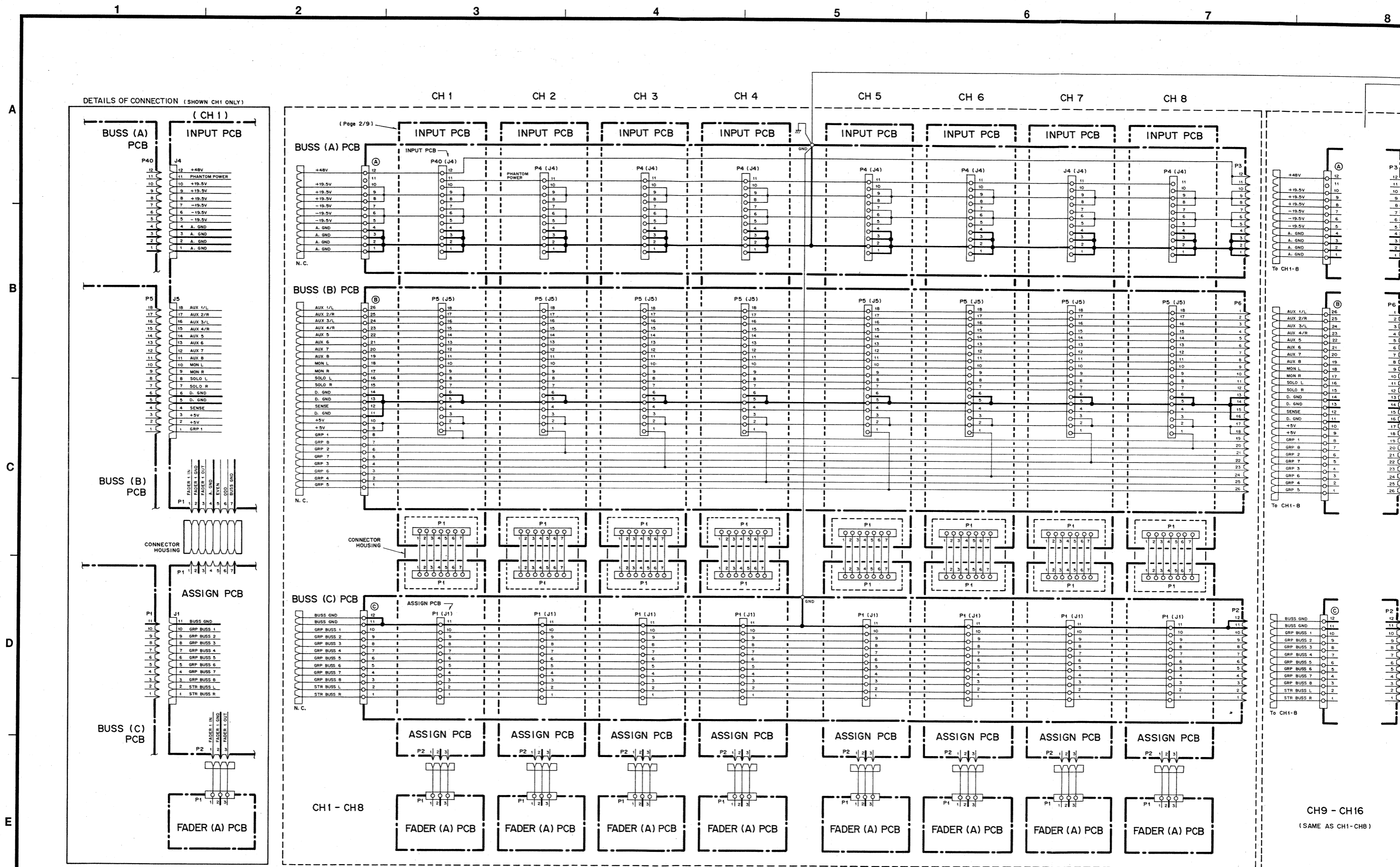
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|----------|--------------|----------------------|
| | *9145135500 | 5V PCB ASSY |
| | *9155135500 | PCB,5V |
| C | 9107066800 | 5V 3P WIRE,160MM BLK |
| U3 | △ 5220452200 | IC,PQ05RF2I |

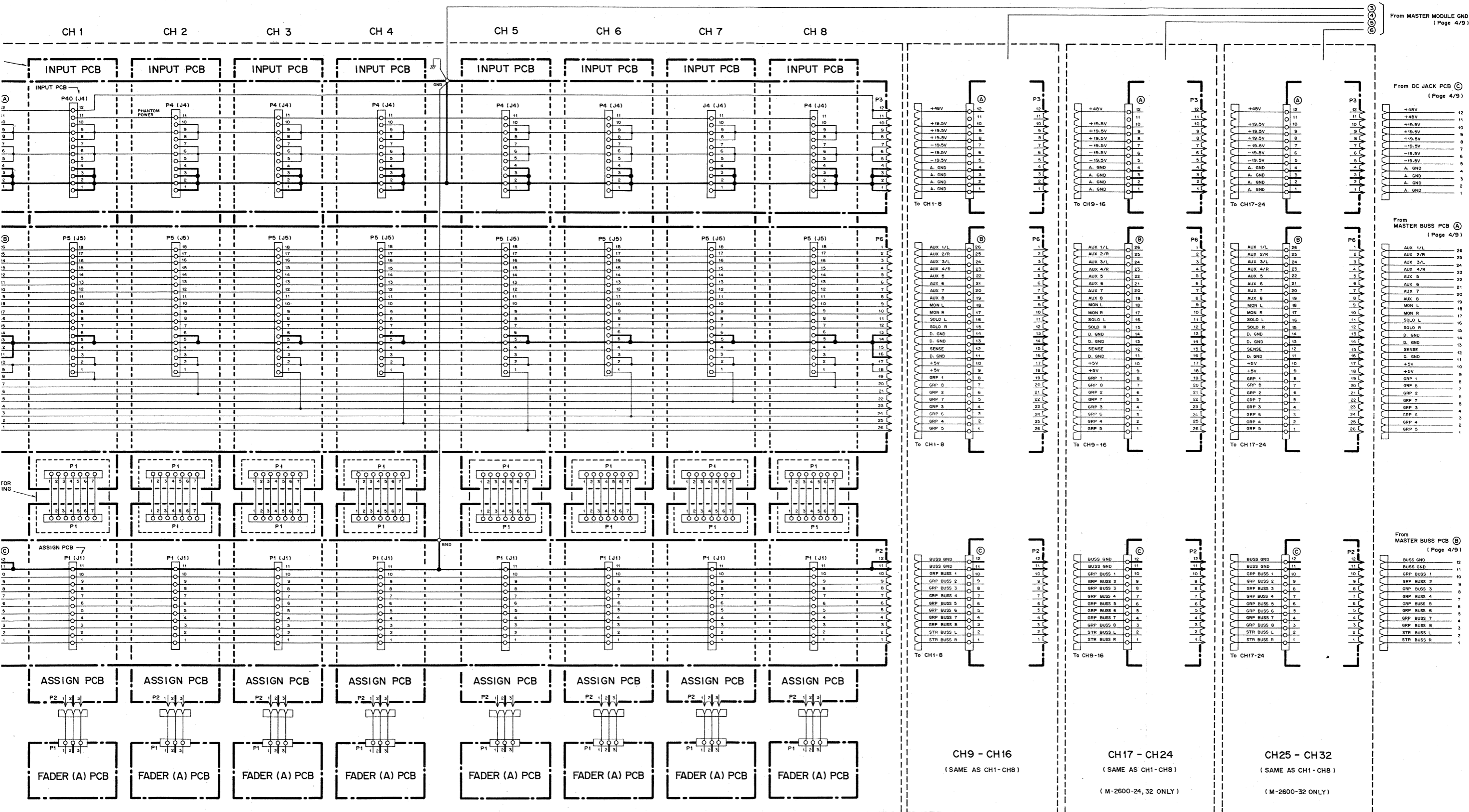
6. BLOCK DIAGRAM

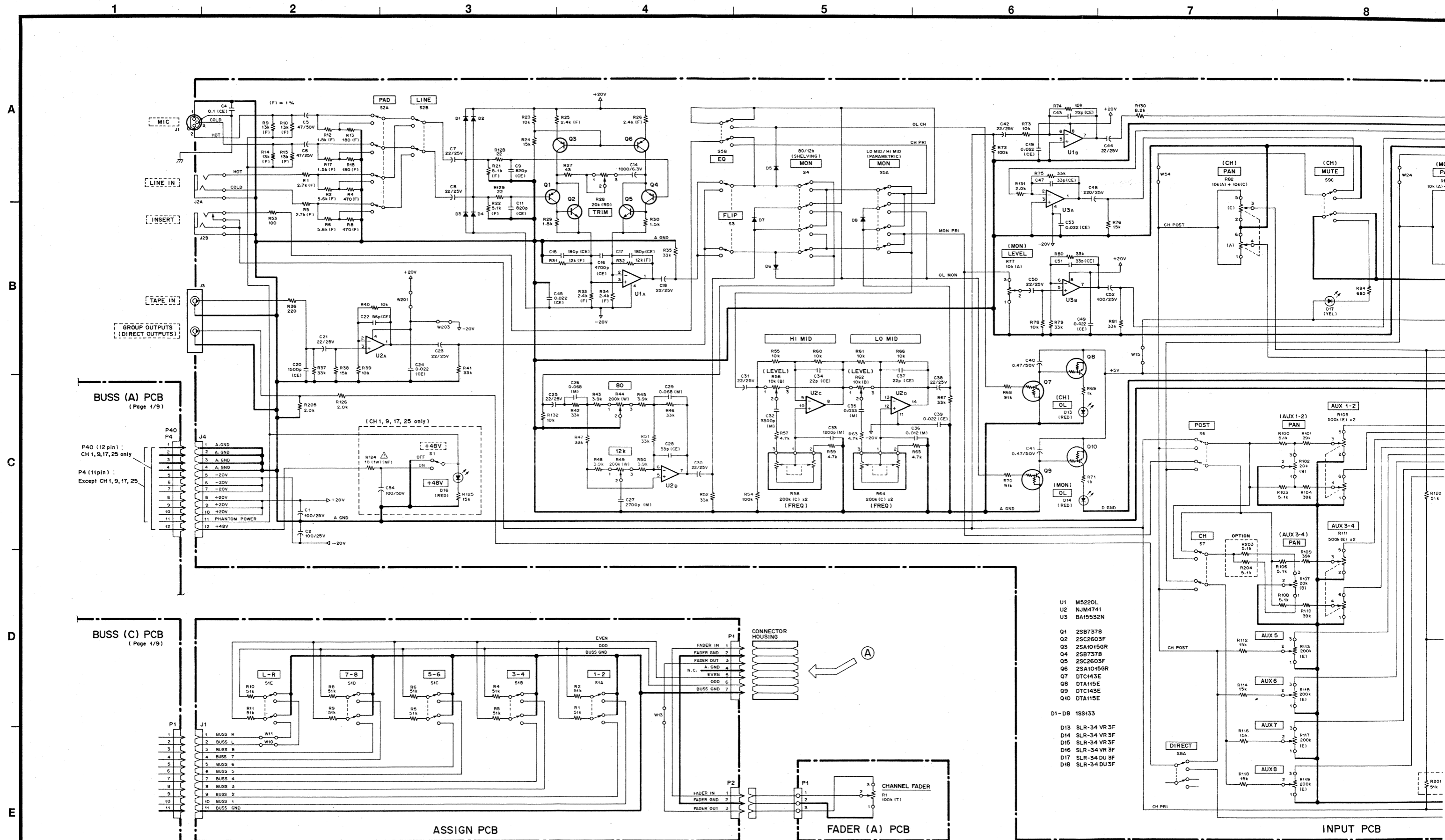
ブロック・ダイアグラム

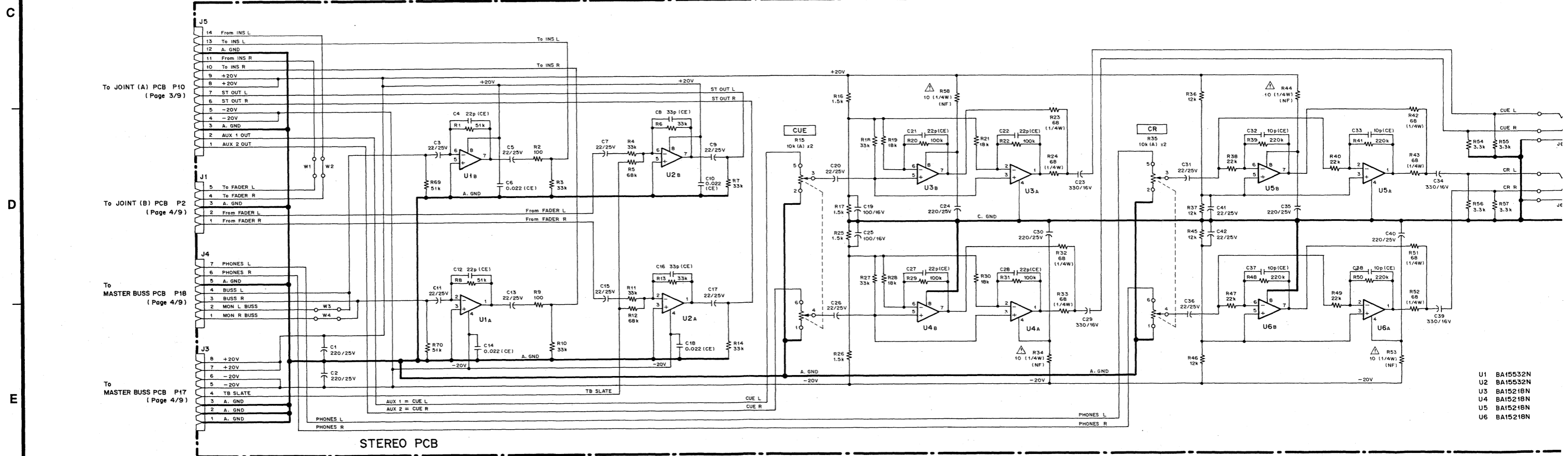
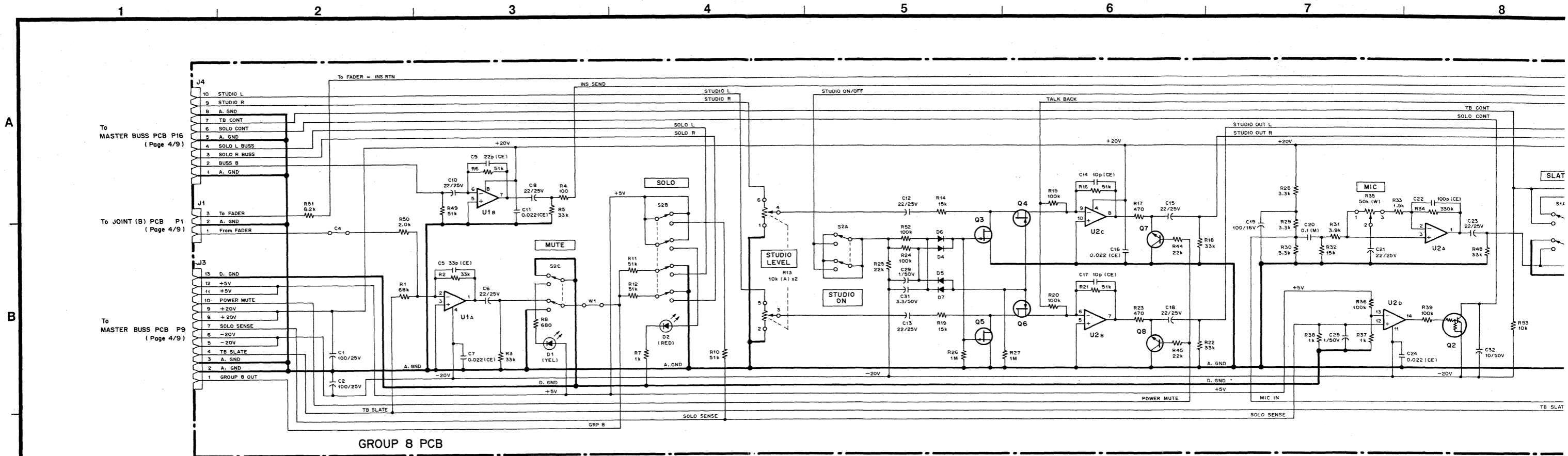


CH2-CH8 SAME AS CH1 EXCEPT +40V (PHANTOM POWER) SWITCHABLE LED
 CH9-CH16 SAME AS CH1-8
 CH17-CH24 SAME AS CH9-16
 CH25-CH32 (4-TRACK ONLY) SAME AS CH1-8

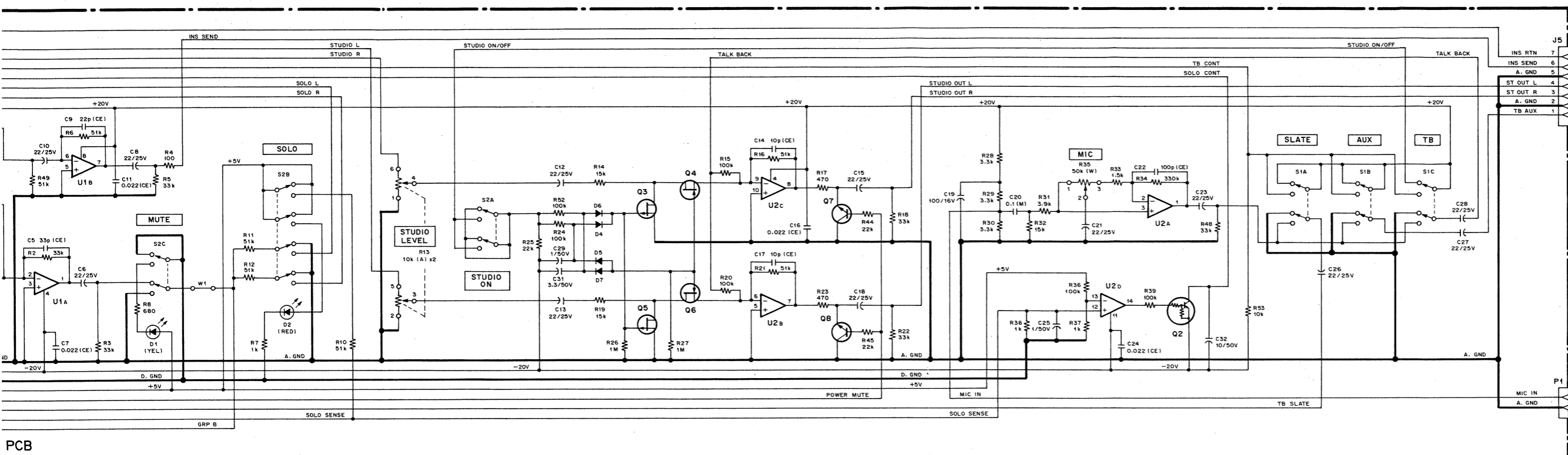






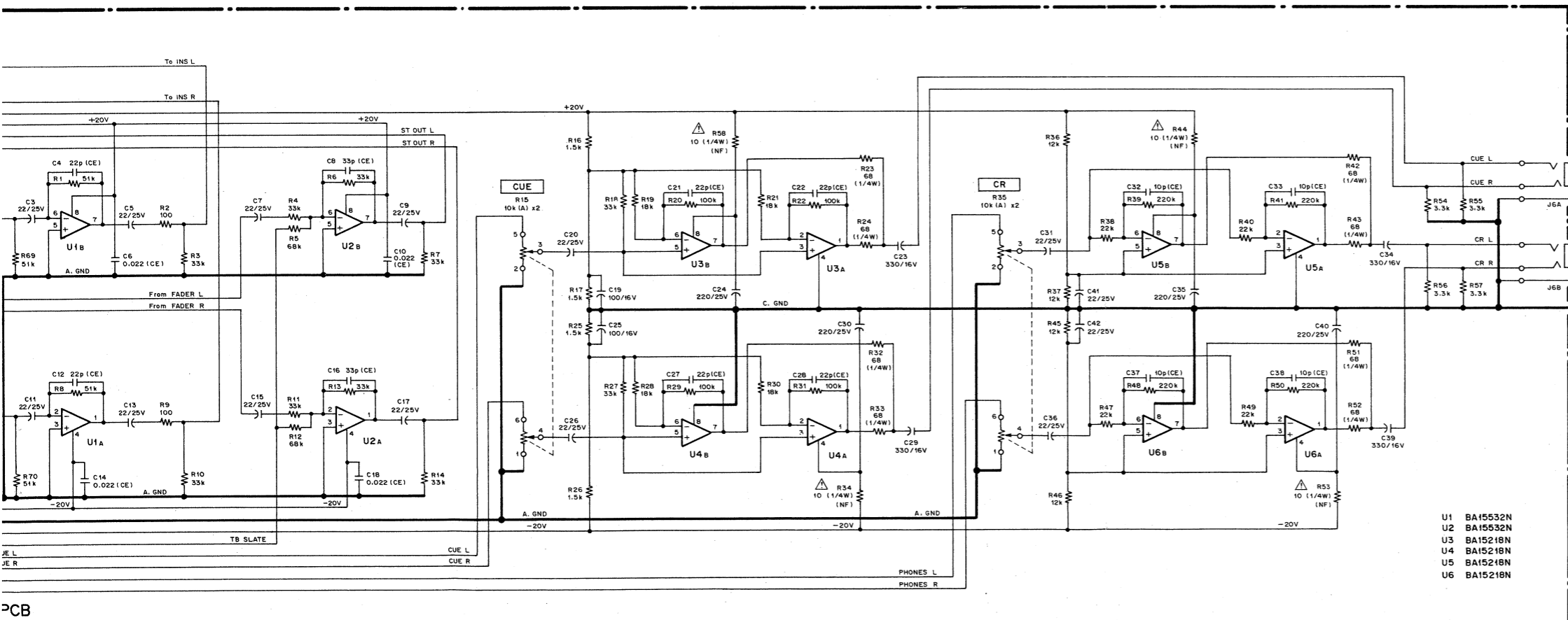


- U1 BA15532N
- U2 BA15532N
- U3 BA15218N
- U4 BA15218N
- U5 BA15218N
- U6 BA15218N



JOINT (A) PCB P9
(Page 3/9)

PCB

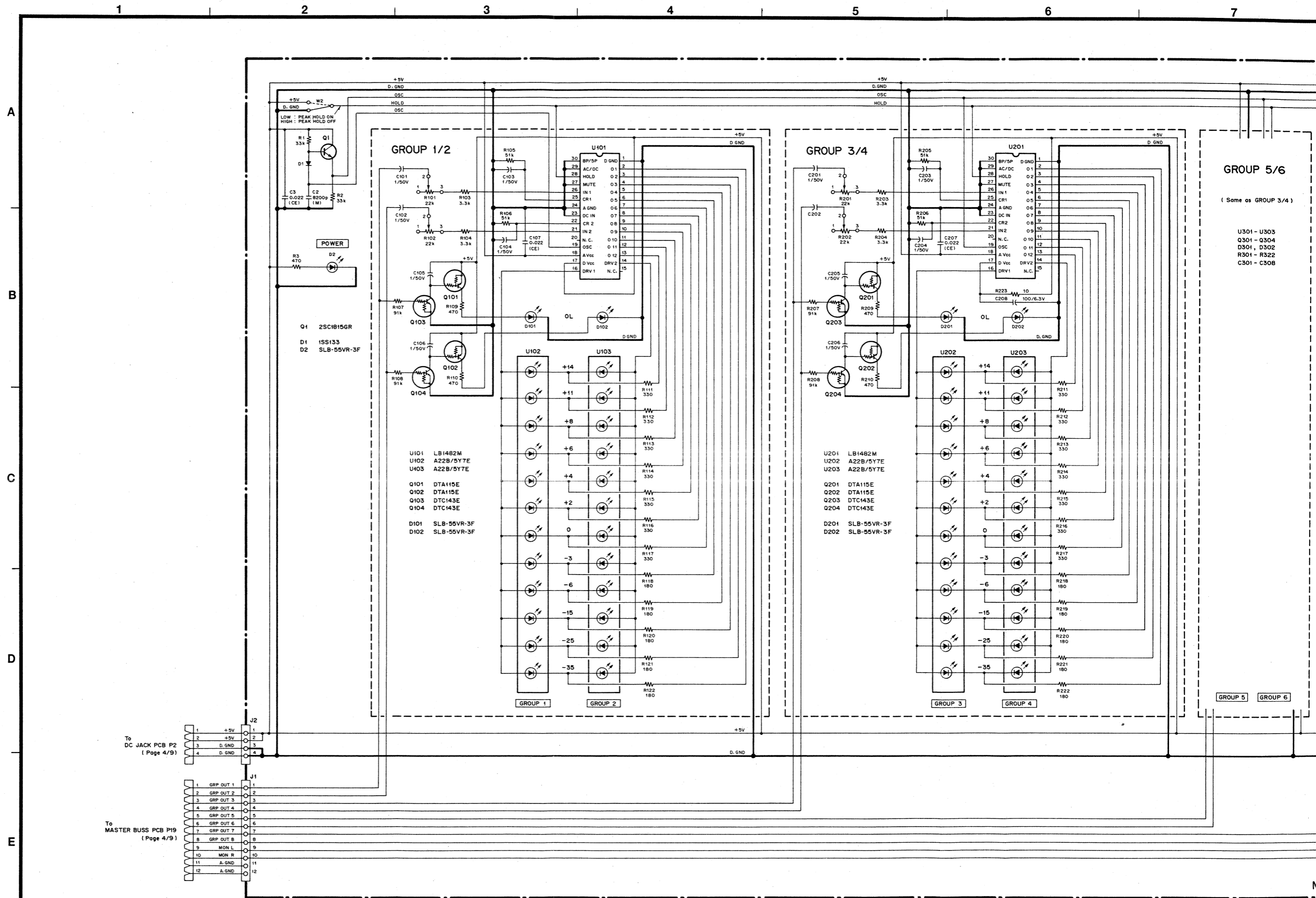


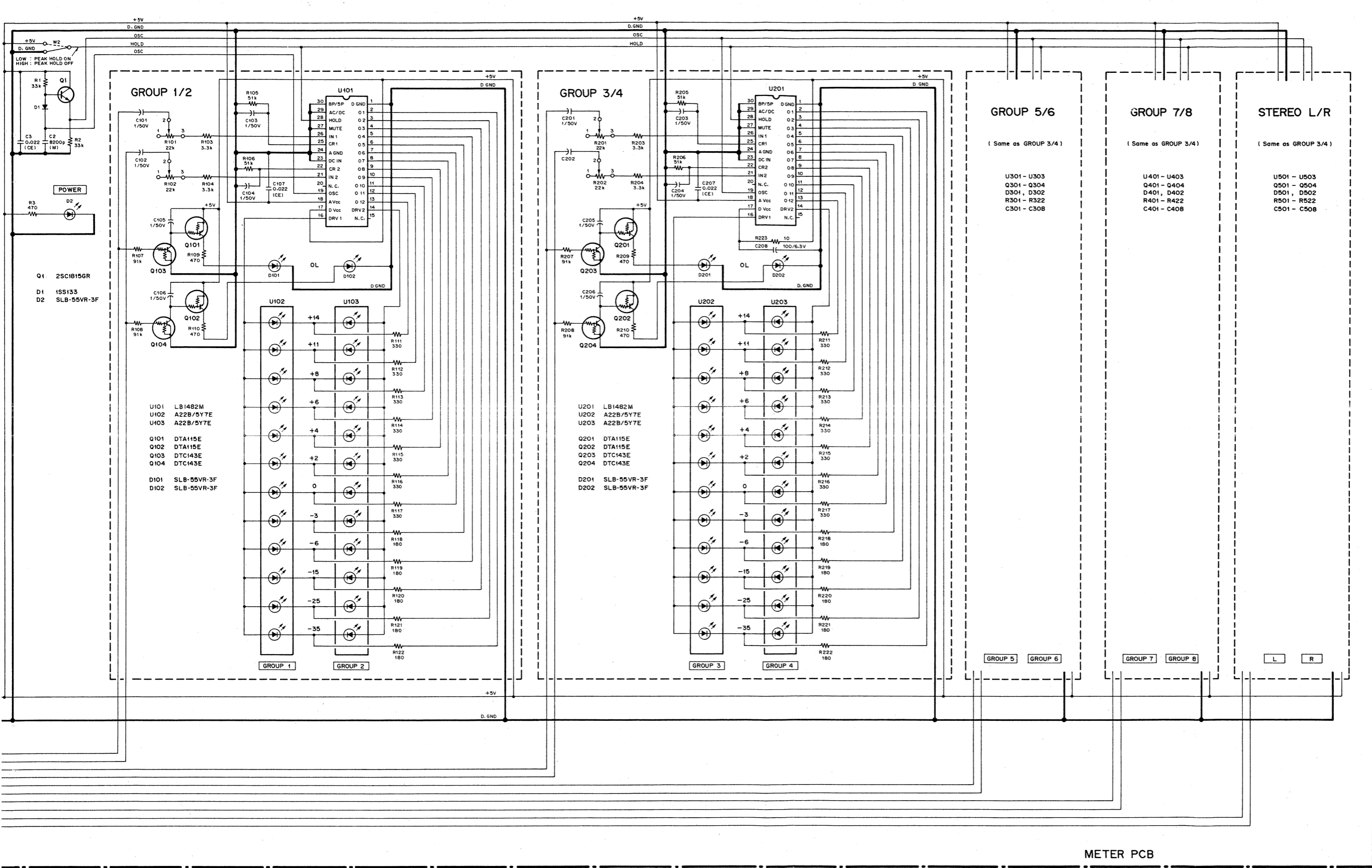
GROUP 8 PCB

- U1 BA15532N
- U2 NJM4741
- Q2 DTC124E
- Q3 2S40
- Q4 2SK381
- Q5 2S40
- Q6 2SK381
- Q7 2SC2878
- Q8 2SC2878
- D1 SLR-34 DU 3F
- D2 SLR-34 VR 3F
- D4 1SS133
- D5 1SS133
- D6 1SS133
- D7 1SS133

- U1 BA15532N
- U2 BA15532N
- U3 BA15218N
- U4 BA15218N
- U5 BA15218N
- U6 BA15218N

PCB





METER PCB

1 2 3 4 5 6 7 8

A

B

C

D

E

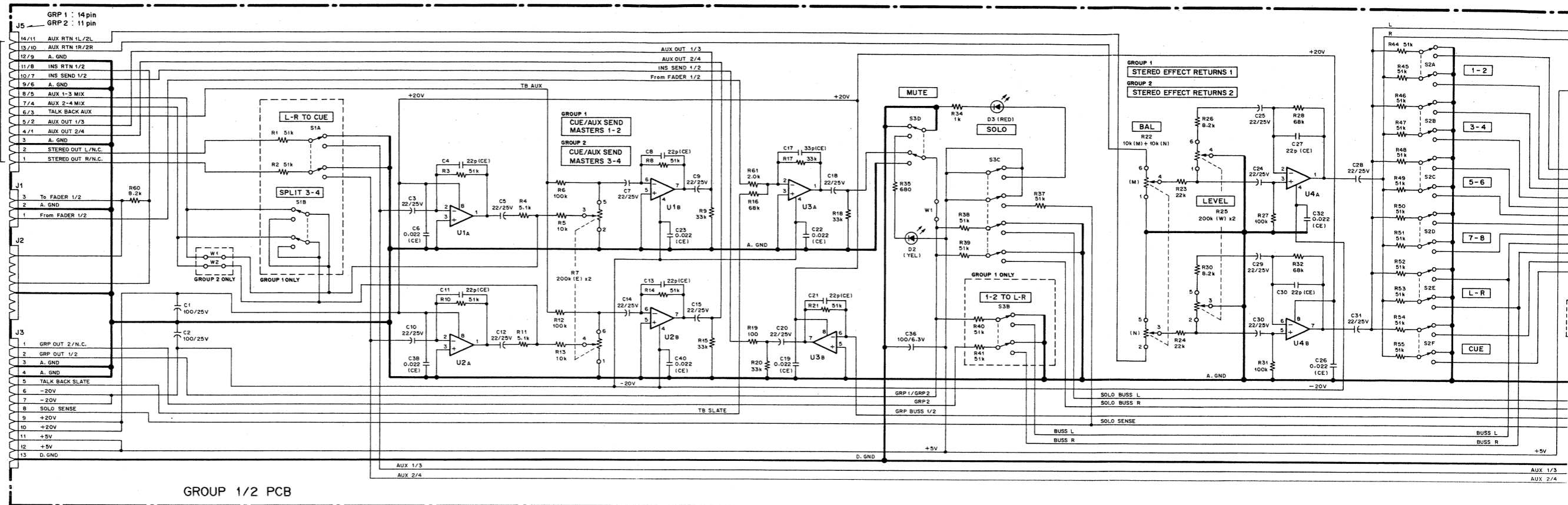
GRP 1 :
To JOINT (A) PCB P1
(Page 3/9)

GRP 2 :
To JOINT (A) PCB P2
(Page 3/9)

GRP 2
GRP 1
To JOINT (B) PCB P1/P1
(Page 4/9)

(N.C.)

To MASTER BUSS PCB P1/P2
(Page 4/9)



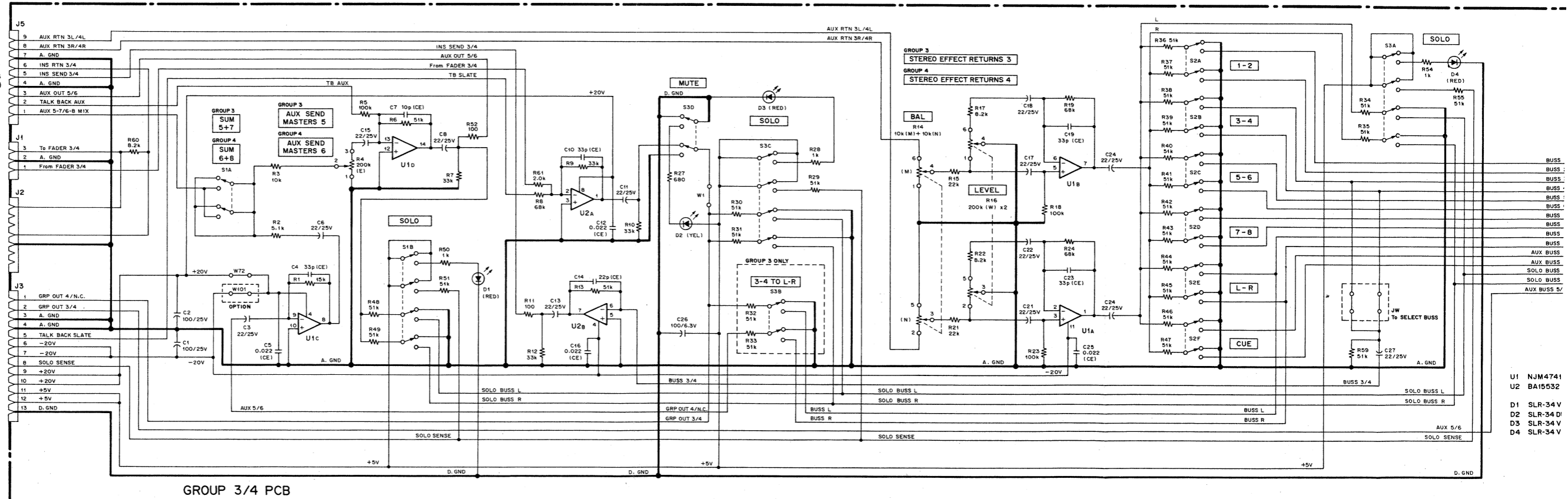
GROUP 1/2 PCB

GRP 4
GRP 3
To JOINT (A) PCB P3/P4
(Page 3/9)

To JOINT (B) PCB P1/P1
(Page 4/9)

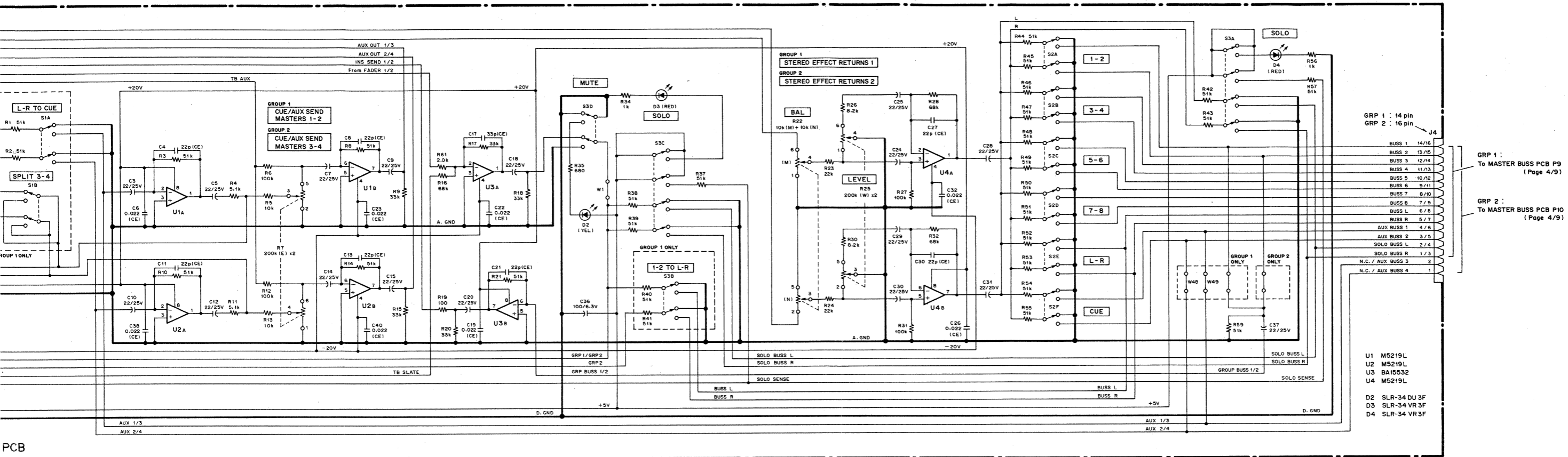
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To MASTER BUSS PCB P3/P4
(Page 4/9)

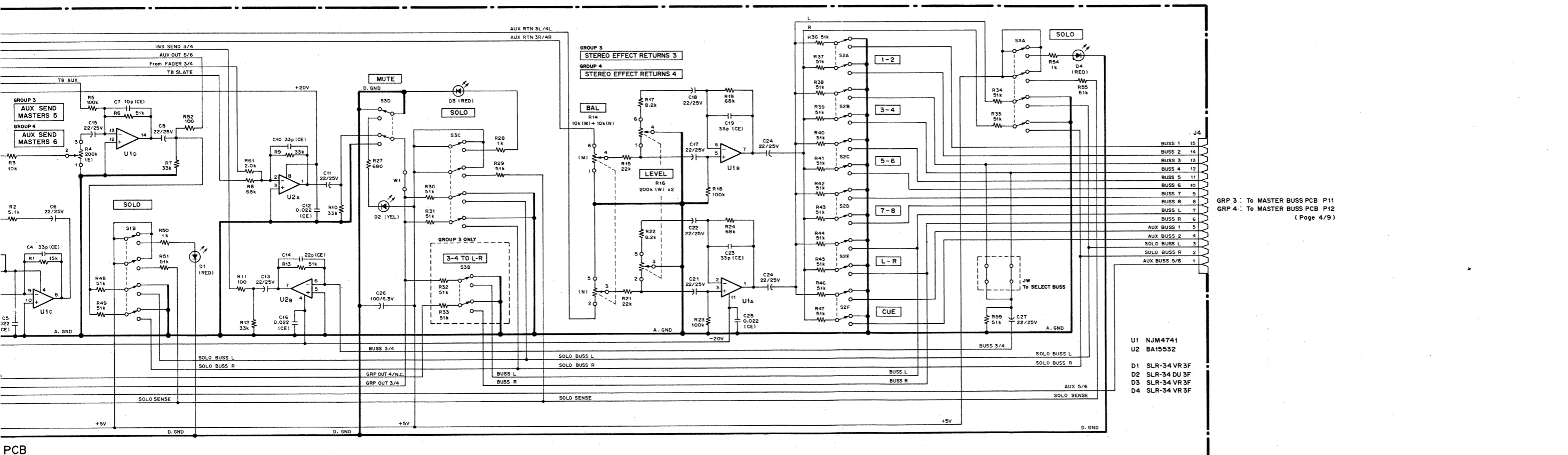


GROUP 3/4 PCB

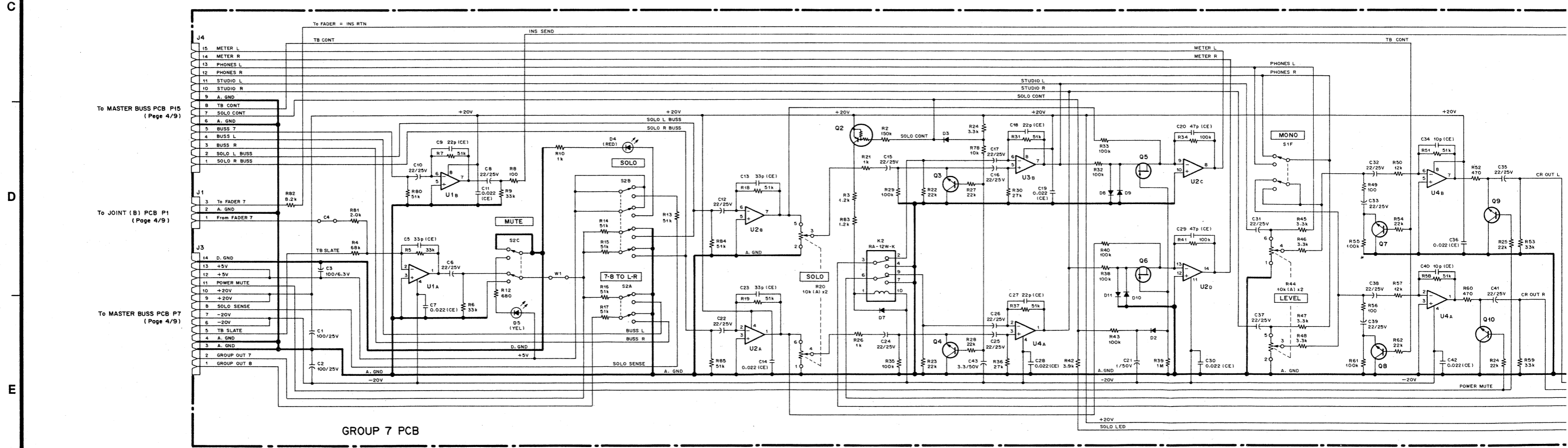
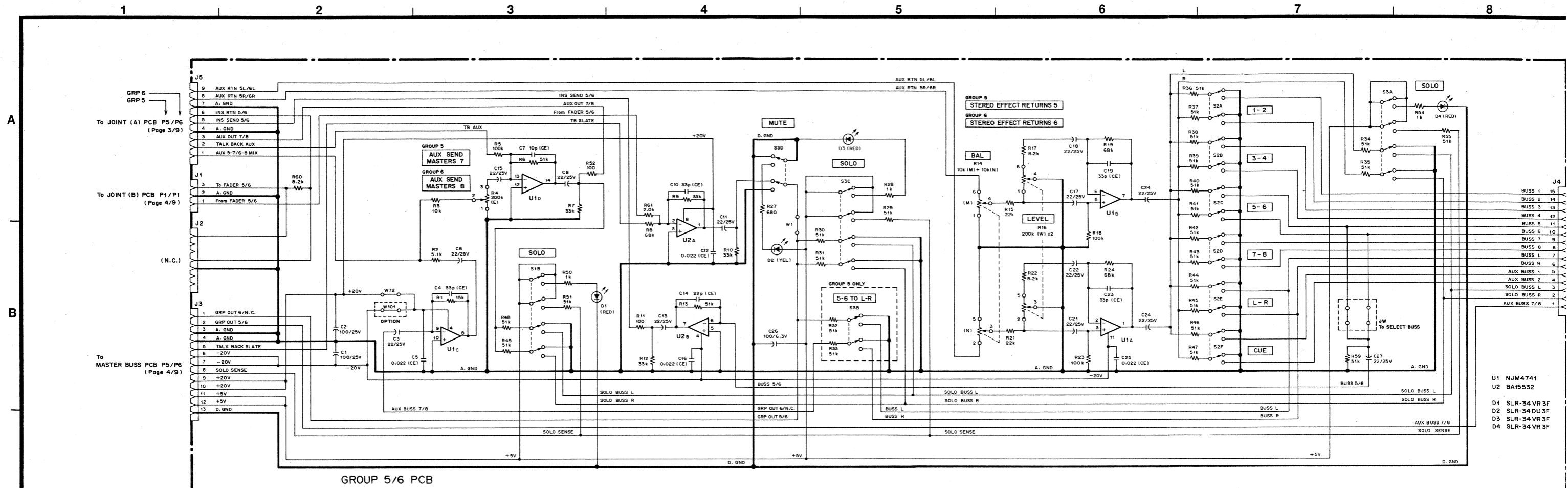
- U1 NJM4741
- U2 BA1532
- D1 SLR-34 V
- D2 SLR-34 V
- D3 SLR-34 V
- D4 SLR-34 V

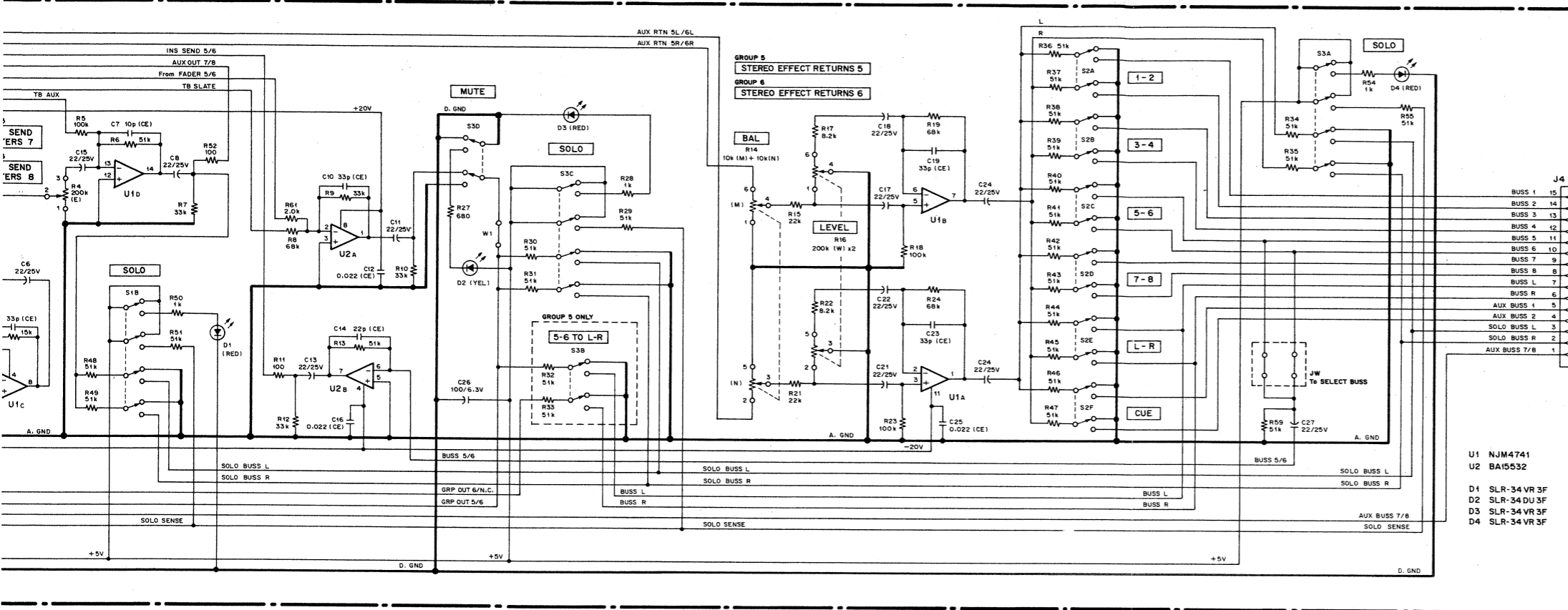


PCB



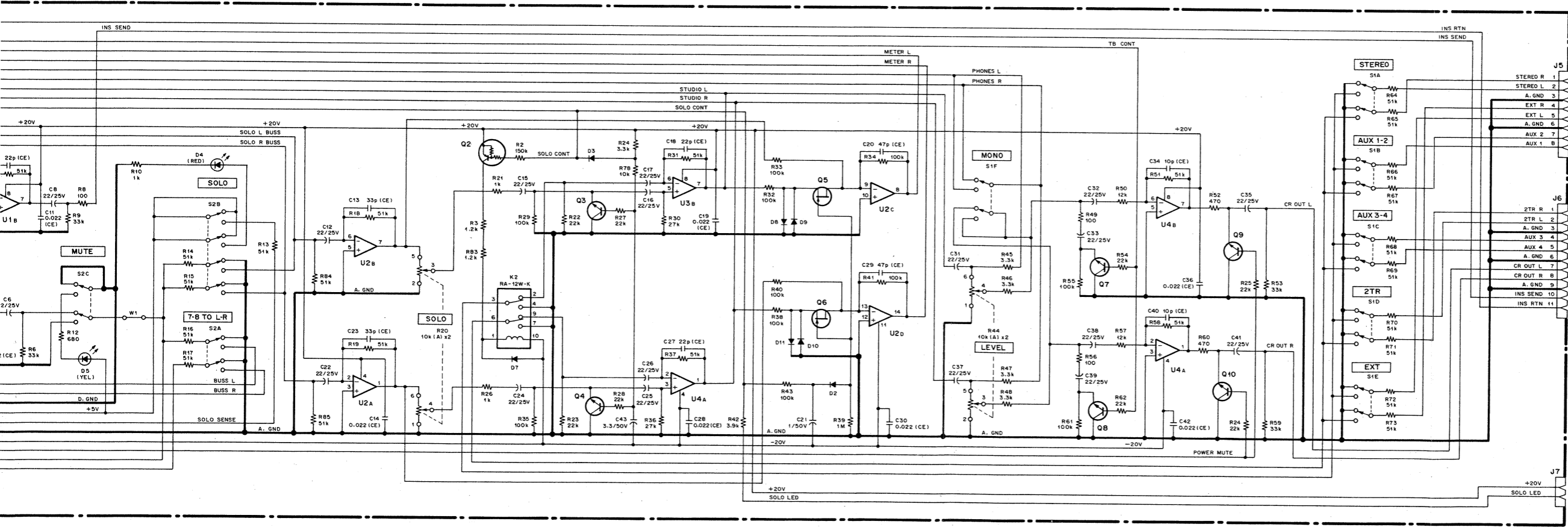
PCB





GRP 5: To MASTER BUSS PCB P13
 GRP 6: To MASTER BUSS PCB P14
 (Page 4/9)

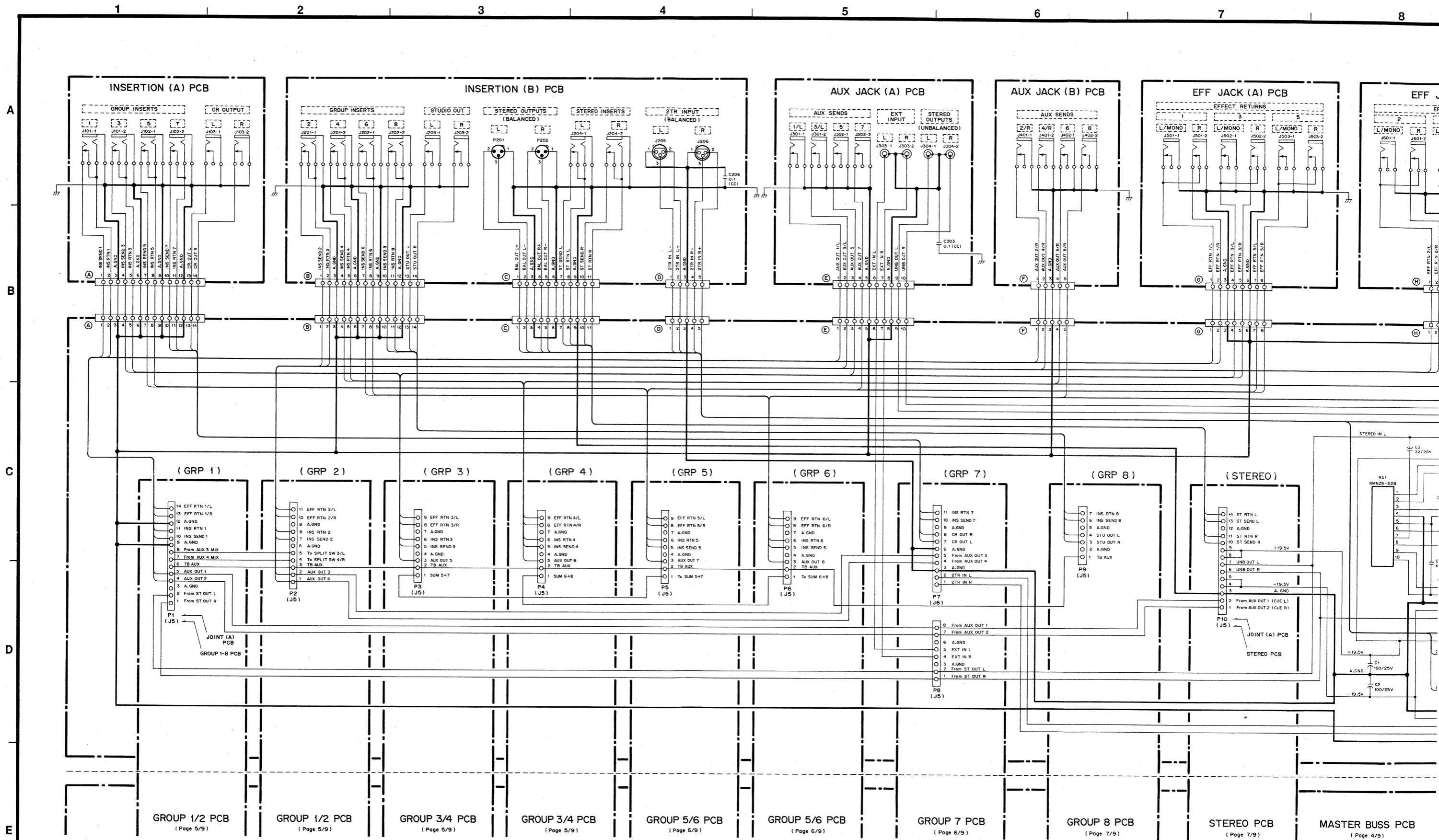
- U1 NJM4741
- U2 BA15532
- D1 SLR-34 VR 3F
- D2 SLR-34 DU 3F
- D3 SLR-34 VR 3F
- D4 SLR-34 VR 3F

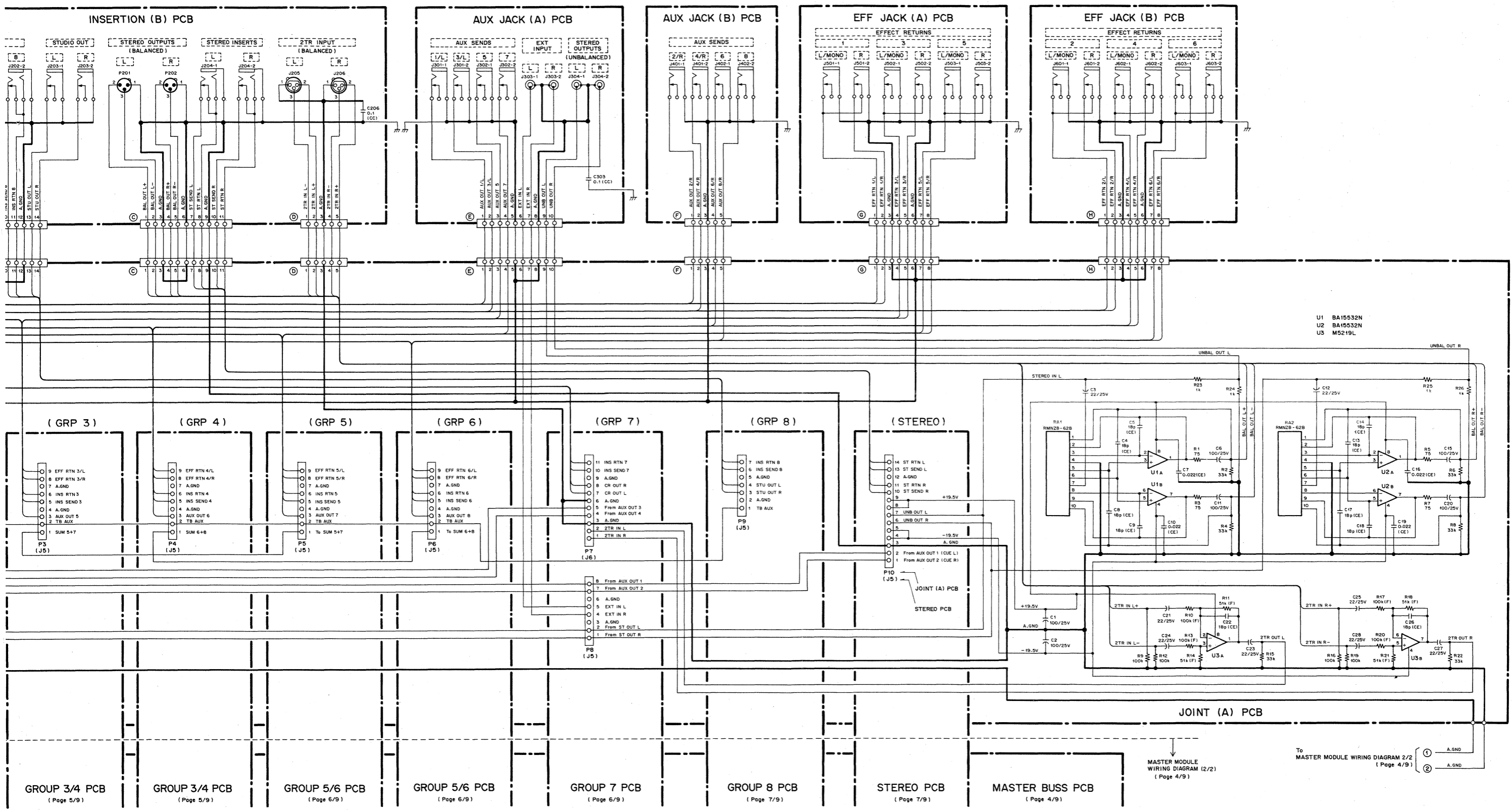


To JOINT (A) PCB P8
 (Page 3/9)

To JOINT (A) PCB P7
 (Page 3/9)

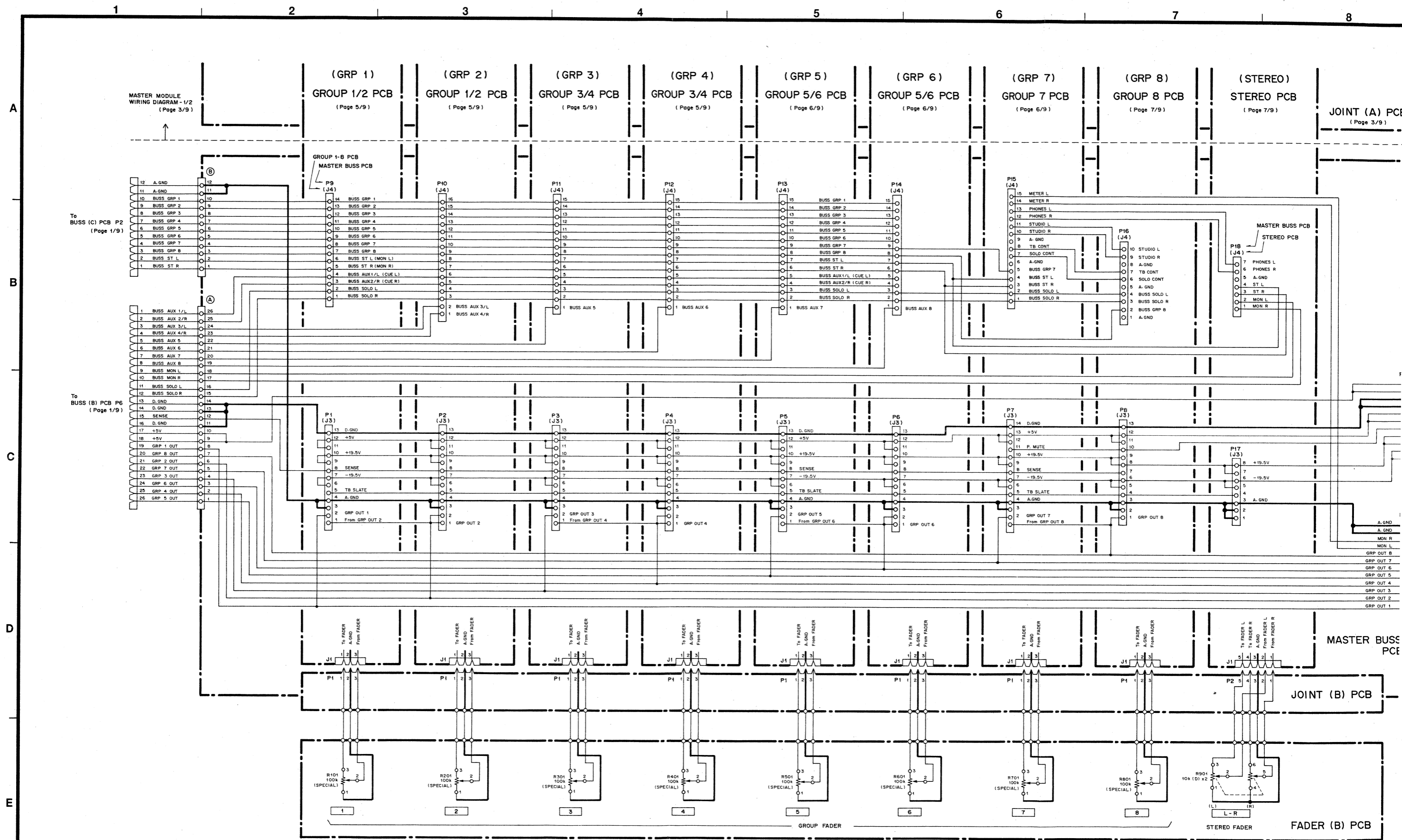
- U1 BA15532N
- U2 NJM4741
- U3, U4 BA15532N
- Q2 DTA143E
- Q3, Q4 2SC287B
- Q5, Q6 2SK381
- Q7-Q10 2SC287B
- D1 SLB-55VR-3F
- D2, D3 1SS133
- D4 SLR-34 VR 3F
- D5 SLR-34 DU 3F
- D7-D10 1SS133

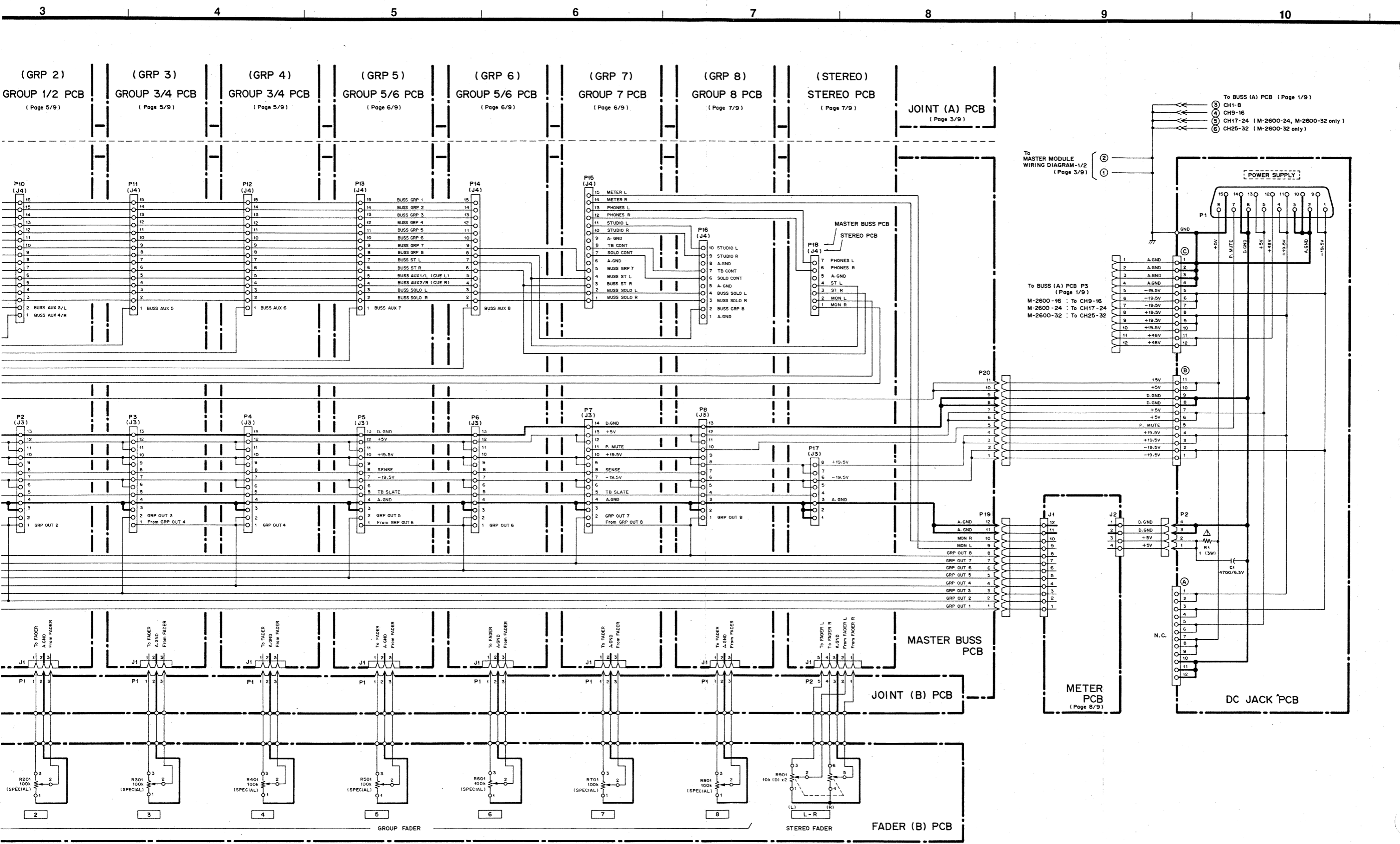


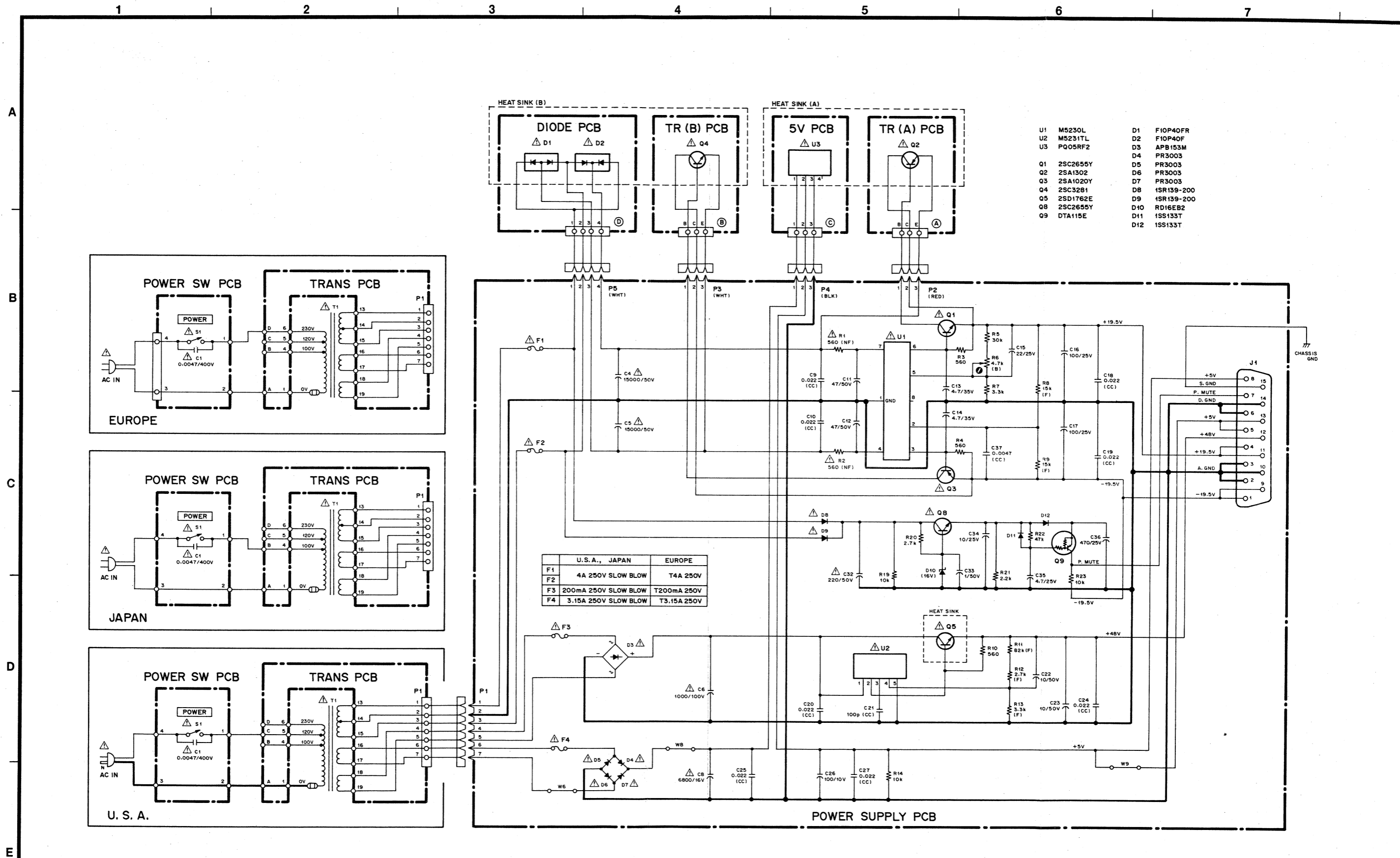


U1 BA15532N
 U2 BA15532N
 U3 M5219L

MASTER MODULE WIRING DIAGRAM (2/2) (Page 4/9)
 To MASTER MODULE WIRING DIAGRAM 2/2 (Page 4/9)

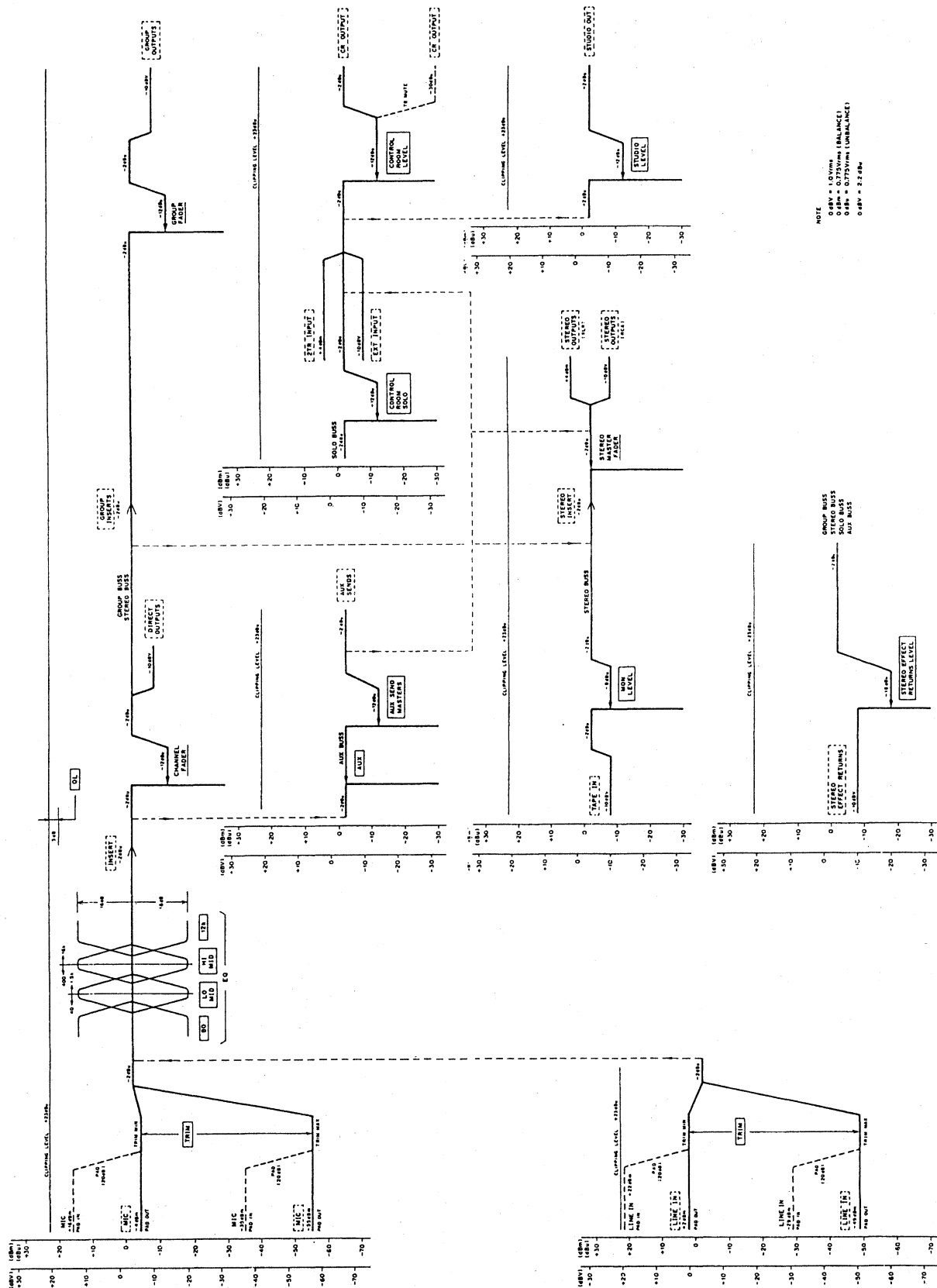






7. LEVEL DIAGRAM

レベル・ダイアグラム



M-2600

TASCAM

TEAC Professional Division

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| | 福岡サービス ☎ (092)936-5672 | 〒812 福岡県粕屋郡志免町志免 1041 | |

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