

SERVICE DOCUMENTATION

SERVICE DOKUMENTATIE

S3040 (SBR)
A1200 (MIIDA)



SPECIFICATIONS TECHNIQUES :

AMPLIFICATEUR STEREO DE 40 WATTS PAR CANAL.

Alimentation : 220V - 50 Hz

Consommation : 180 watts

Distorsion harmonique : 0,1% pour 8 ohms (20 Hz - 20 KHz)
0,2% pour 4 ohms (30 Hz - 15 KHz)

Sensibilité entrée/impédance : phono : 2,5mV/47 Kohms
tuner : 150mV/47 Kohms
aux : 150mV/47 Kohms
tape 1, 2 monitor : 150mV/47 Kohms

Rapport signal/bruit : phono : 70 dB
tuner, aux, tape : 86 dB

Fréquences : phono : + 1 dB
tuner, aux, tape : + 1 dB (20Hz - 20 KHz)
tone control : bass : + 8 dB à 100 Hz
treble : + 8 dB à 10 KHz
loudness control : + 8 dB à 100 Hz, +4 dB à 10 KHz (-30 dB vol.)
low filter : 30 Hz
muting : -20 dB

Sortie haut-parleur : de 4 à 16 ohms

Transistors : (20) 2SA798-2SB647A-2SB618-2SB621ANC-2SC592ANC-2SD667A-2SD588

Diodes : (24) EQA01-24R1, EQA01-18R1, EQA01-15R1, ERD03-02J, GP-08B, 1S188FM
MA26W, GL-9PR2, SDT100

Circuit-intégrés : (4) HA1457-02 ou HA1457W-02

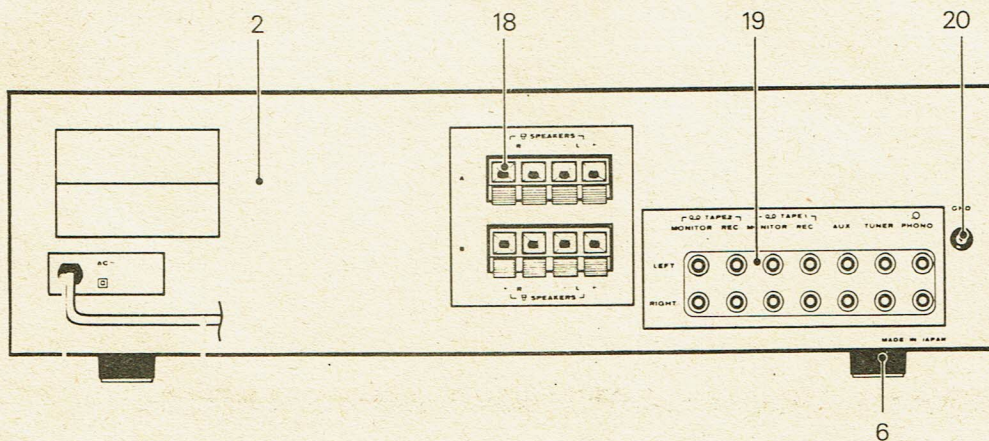
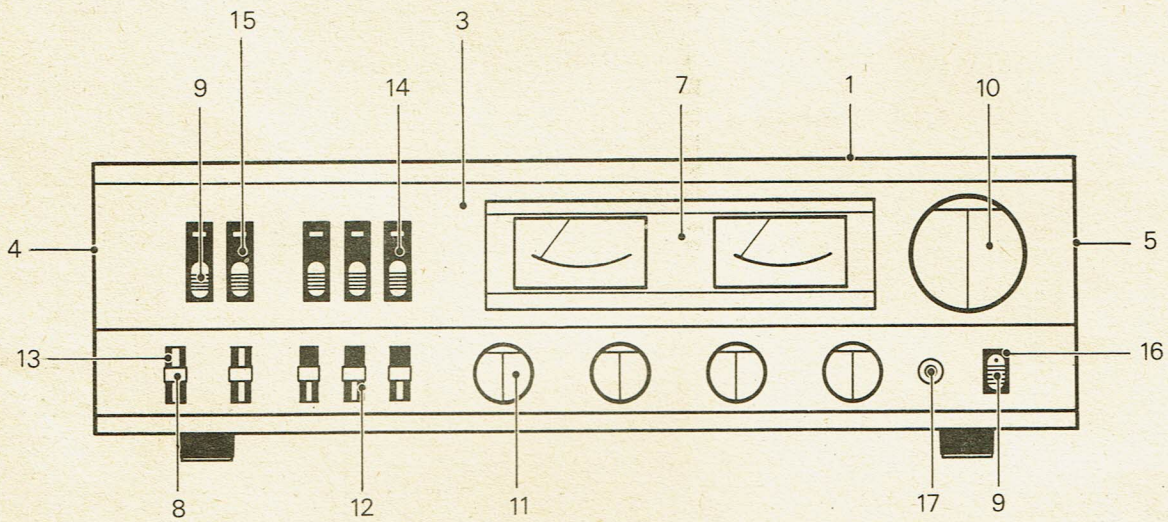
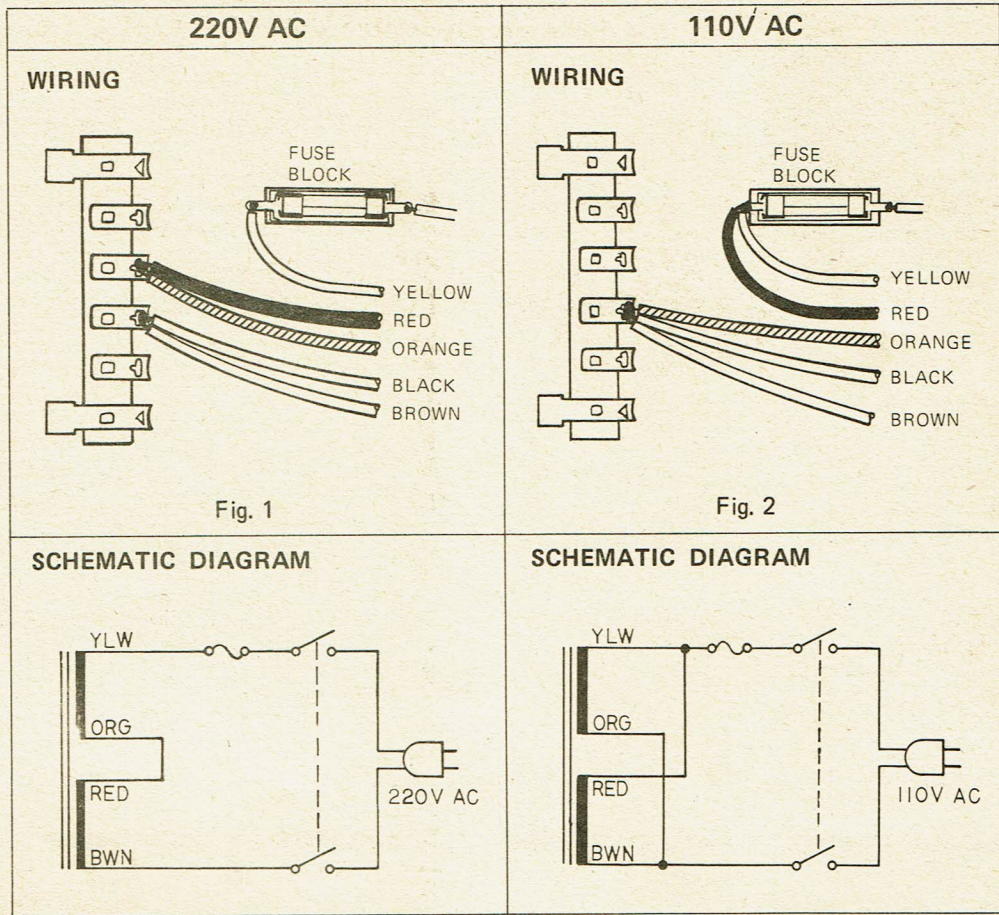
Dimensions : 442 x 354 x 130 mm.

Poids : 8,6 kgs.

ELECTRO-DENIS sprl
Radio-TV-HiFi-Electro Ménager
Faubourg de France 2
6830 Bouillon
061 - 466 352

1. Déconnectez les fils orange et rouge fig.1
2. Connectez suivant fig.2

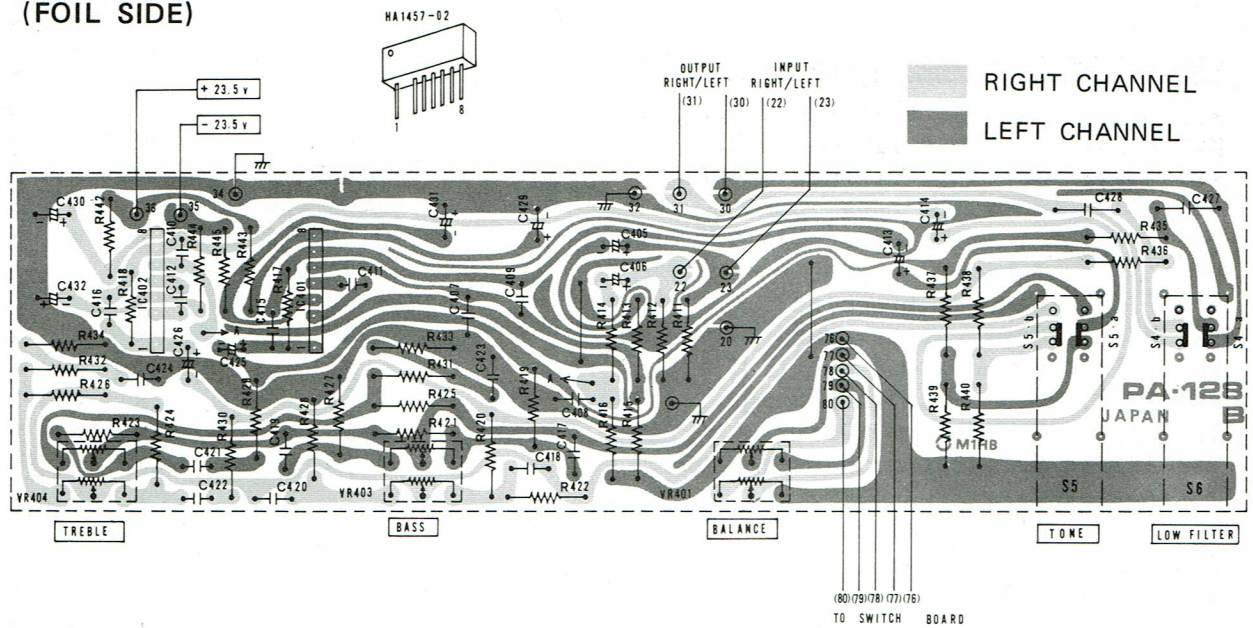
1. De rode en oranje draden ontbinden fig.1
2. Verbinden volgens fig.2



S3040T
A1200
MPA3040

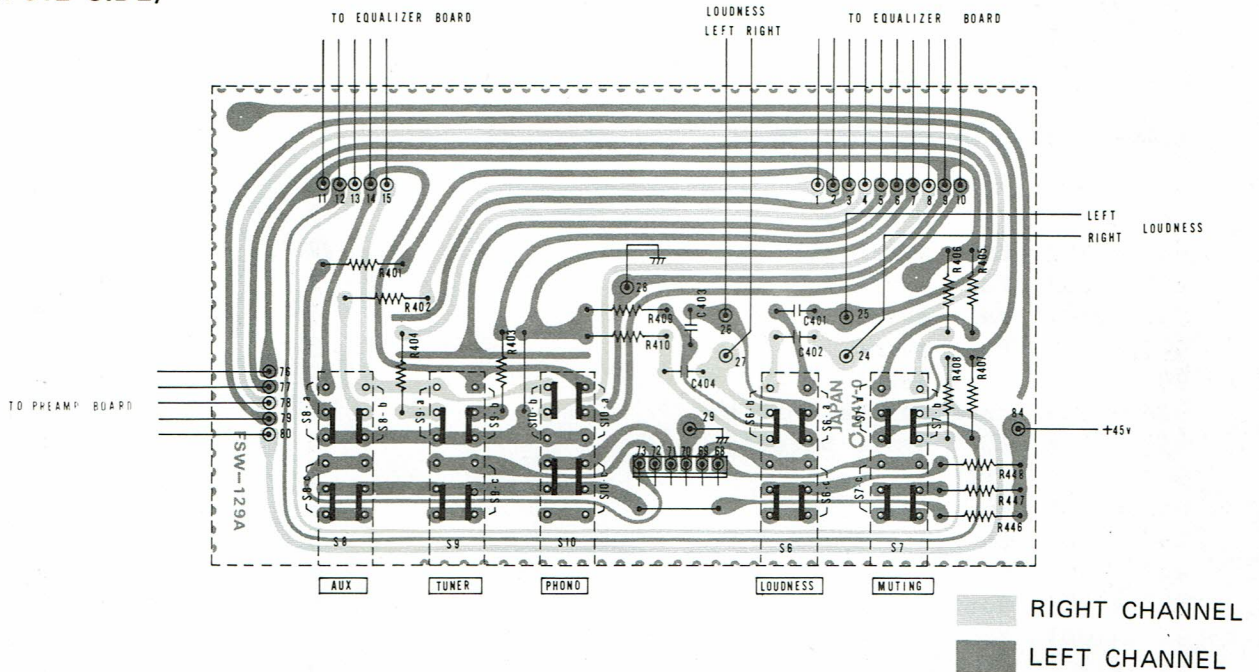
PREAMP BOARD (PA-128B)

(FOIL SIDE)



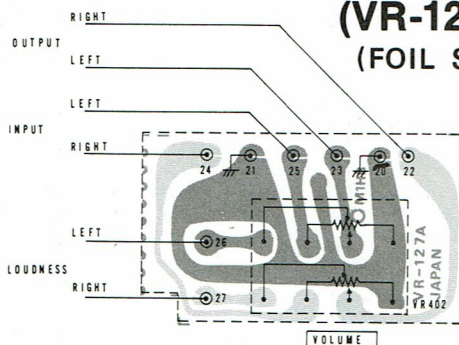
SWITCH BOARD (FSW-129A)

(FOIL SIDE)



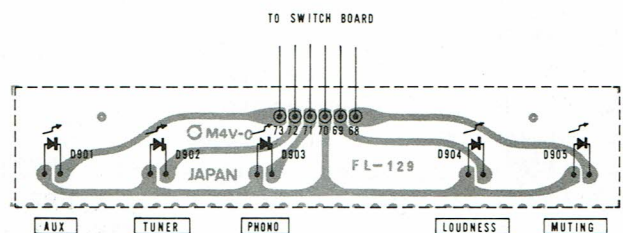
VOLUME CONTROL BOARD (VR-127A)

(FOIL SIDE)



INDICATOR BOARD (FL-129)

(FOIL SIDE)



NUMEROS DE CODE DES PIECES ELECTRIQUES

		SBR	MIIDA	BENYTON
947.14601	Transfo d'alimentation 220V/AC	x	x	x
947.10101	Potentio volume 250KB	VR402	x	x
947.10102	Potentio balance 100KBH	VR401	x	x
947.10103	Potentio tone 100KC	VR403-404	x	x
947.10001	Potentio ajustable 500 ohms B Ø 8	SVR301-02-03-04	x	x
947.15301	Bobine	L301-302	x	x
947.27601	Clavier fonction	S6-7-8-9-10	x	x
947.27501	Commutateur tone, filtre, mode	S4-5-13	x	x
947.27502	Commutateur monitor	S11	x	x
947.27503	Commutateur dubbing	S12	x	x
947.27504	Commutateur ON/OFF	S1	x	x
947.27505	Commutateur haut-parleur	S3	x	x
947.20805	C.I. préampli		x	x
947.20806	C.I. clavier		x	x
947.20807	C.I. volume		x	x
947.20808	C.I. LED indicateur		x	x
947.20809	C.I. amplificateur et alimentation		x	x
947.20810	C.I. égaliseur de potentiel		x	x
947.13401	Ampoule VU 6,3V		x	x
947.34701	VU-mètre		x	x
947.46501	Mica		x	x
947.46502	Refroidisseur		x	x

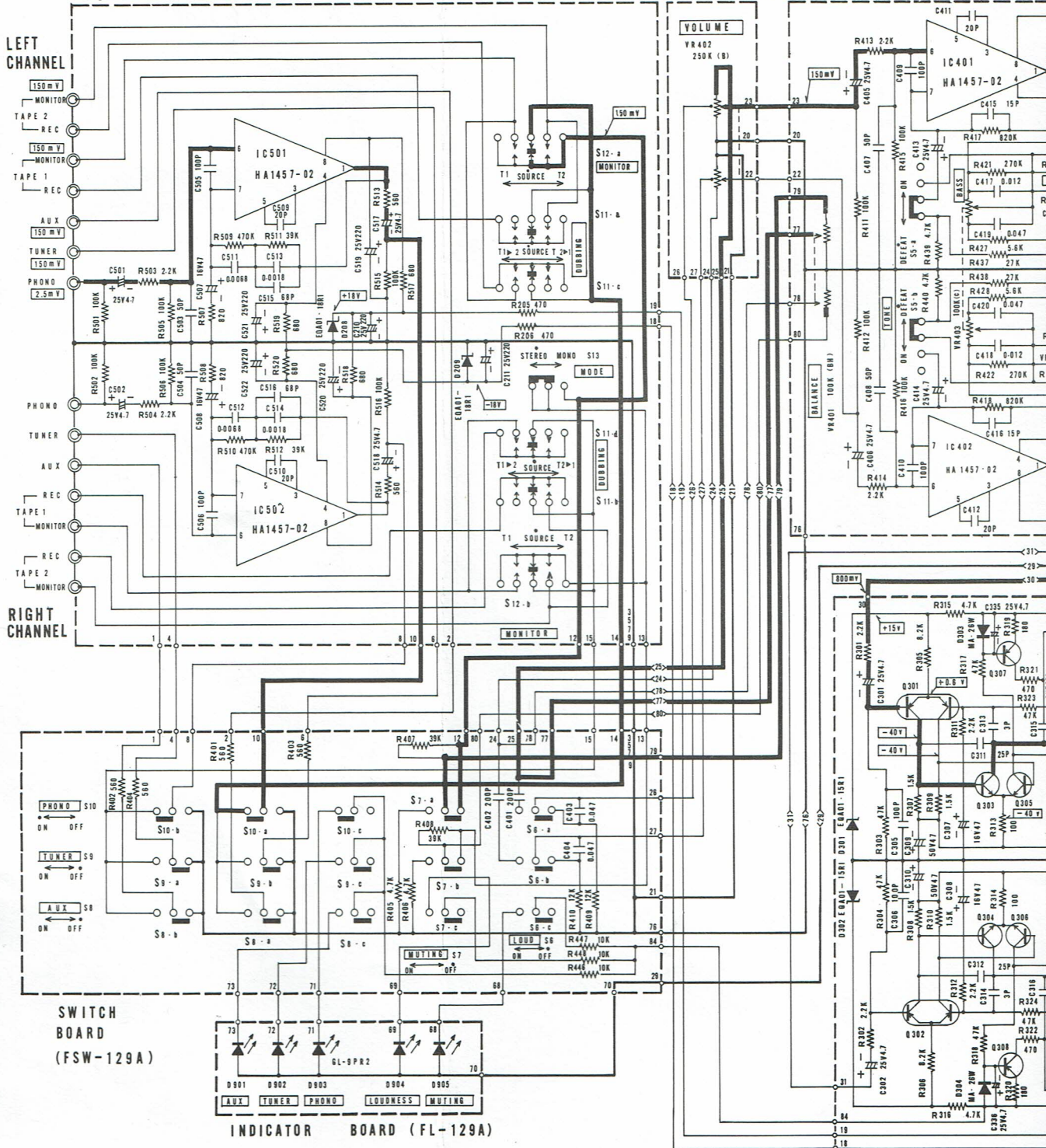
NUMEROS DE CODE DU BOITIER

947.42001	Boîtier	1	x	x	x
947.42201	Face arrière	2	-	-	x
947.42202	Face arrière	2	x	-	-
947.42203	Face arrière	2	-	x	-
947.42101	Face avant	3	-	-	x
947.42102	Face avant	3	x	-	-
947.42103	Face avant	3	-	x	-
947.42003	Côté gauche boîtier	4	x	x	x
947.42002	Côté droit boîtier	5	x	x	x
947.46201	Pied boîtier	6	x	x	x
947.42401	Vitre VU	7	x	x	x
947.41301	Bouton commutateur	8	x	-	x
947.41302	Bouton commutateur	8	-	x	-
947.41003	Bouton clavier fonction + ON/OFF	9	x	-	-
947.41001	Bouton clavier fonction + ON/OFF	9	-	-	x
947.41004	Bouton clavier fonction + ON/OFF	9	-	x	-
947.41002	Bouton ON/OFF	9	-	-	x
947.41005	Bouton ON/OFF	9	-	x	-
947.41304	Bouton volume	10	x	-	-
947.41303	Bouton volume	10	-	-	x
947.41305	Bouton volume	10	-	x	-
947.41307	Bouton potentio	11	x	-	-
947.41306	Bouton potentio	11	-	-	x
947.41308	Bouton potentio	11	-	x	-
947.46002	Mode, filter tone	12	x	x	x
947.46001	Enjoliveur bouton TAPE, MONITOR	13	x	x	x
947.46004	Enjoliveur bouton PU, TUNER, AUX	14	x	x	x
947.46003	Enjoliveur bouton MUTING, LOUDNESS	15	x	x	x
947.46005	Enjoliveur bouton ON/OFF	16	x	x	x
947.27201	Jacq casque	17	x	x	x
947.27202	Raccordement HP	18	x	x	x
947.27203	Ensemble jack prise écouteur	19	x	x	x
947.27204	Jack de masse	20	x	x	x
947.32201	Connecteur de micro		x	x	x
947.26401	Micro plug		x	x	x

EQUALIZER BOARD (EQ-127)

(VR-127A)

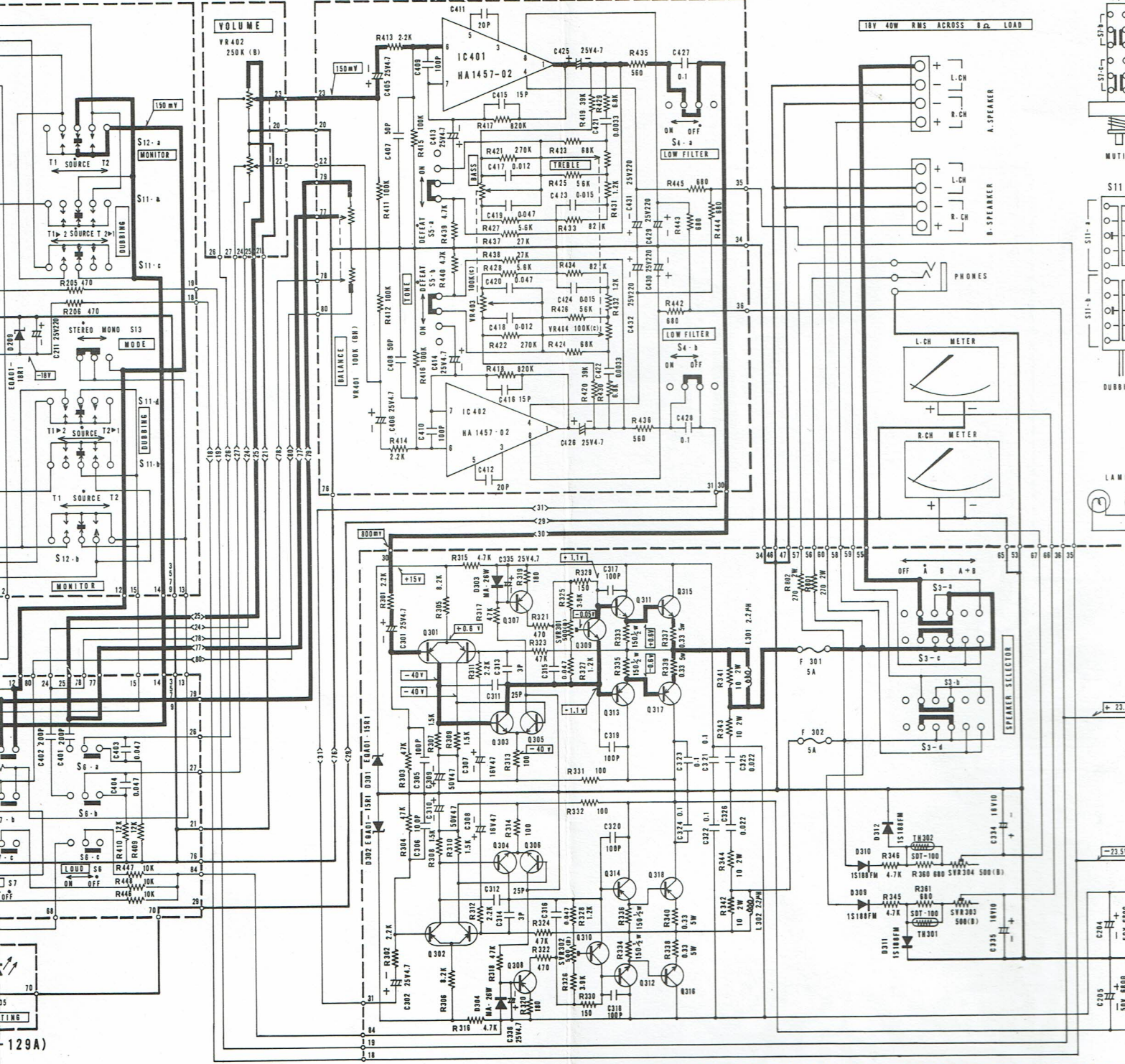
PREAMP BOARD PA-12



IC401	PIN NO.	1	2	3	4	5	6	7	8
IC402	VOLTAGE	0.35	-	0.25	-21	-20	0	0.08	21

IC501	PIN NO.	1	2	3	4	5	6	7	8
IC502	VOLTAGE	0.15	-	0.08	-16	-15	0	0.08	16

(VR-127A) **PREAMP BOARD PA-128B**



POWER AMPLIFIER & POWER SUPPLY (MA-129A)

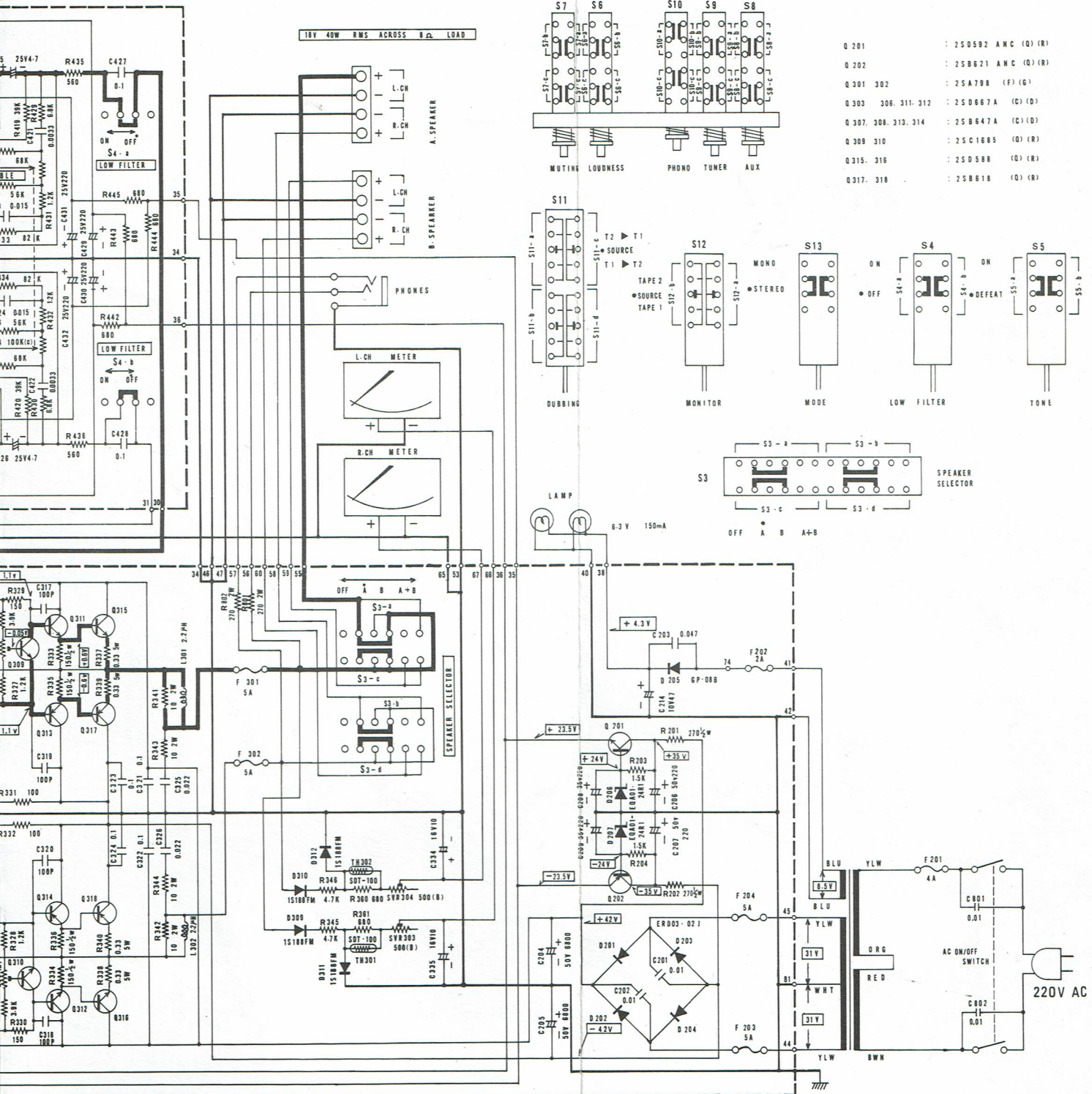
NOTE:

- (1) ALL VOLTAGE READING UNDER NO SIGNAL CONDITION VARY WITH A SIGNAL APPLIED.
- (2) DC VOLTAGE MEASUREMENTS WITH A HIGH IMPEDANCE METER FROM THE POINT OF MEASUREMENT TO THE CHASSIS GROUND. VARY ±0.2%.

3	4	5	6	7	8
0.25	-21	-20	0	0.08	21

3	4	5	6	7	8
0.08	-16	-15	0	0.08	16

B



Q 201	: 2S D592 ANC (Q) (R)
Q 202	: 2S B621 ANC (Q) (R)
Q 301 302	: 2S A798 (F) (G)
Q 303 306, 311, 312	: 2S D667 A (C) (D)
Q 307, 308, 313, 314	: 2S B647 A (C) (D)
Q 309 310	: 2S C1685 (Q) (R)
Q 315, 316	: 2S D588 (Q) (R)
Q 317, 318	: 2S B618 (Q) (R)

POWER SUPPLY (MA-129A)

NOTE:

- (1) ALL VOLTAGE READINGS WERE MADE UNDER NO SIGNAL CONDITIONS AND MAY VARY WITH A SIGNAL APPLIED.
- (2) DC VOLTAGE MEASUREMENT WERE TAKEN WITH A HIGH IMPEDANCE INPUT VOLT-METER FROM THE POINT INDICATED TO THE CHASSIS GROUND. VOLTAGES MAY VARY ±20%.
- (3) UNLESS OTHERWISE SPECIFIED RESISTORS ARE 1/4 WATT AND CAPACITORS IN μF.
- (4) ⏏ THIS SYMBOL INDICATES GROUND.
- (5) BOLD LINE INDICATES THE ROUTE OF SIGNAL.

S3040T - A1200

MPA3040

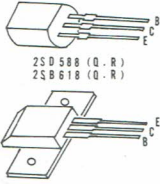
AMPLIFICATEUR VERSTERKER HI-FI STEREO

POWER AMP & POWER SUPPLY BOARD (MA-129A)

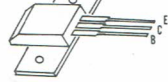
(FOIL SODE)

2SD592ANC (Q. R)
2SB621ANC (Q. R)

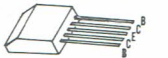
2SB647A (G. D)
2SD667A (G. D)
2SC1685 (Q. R)



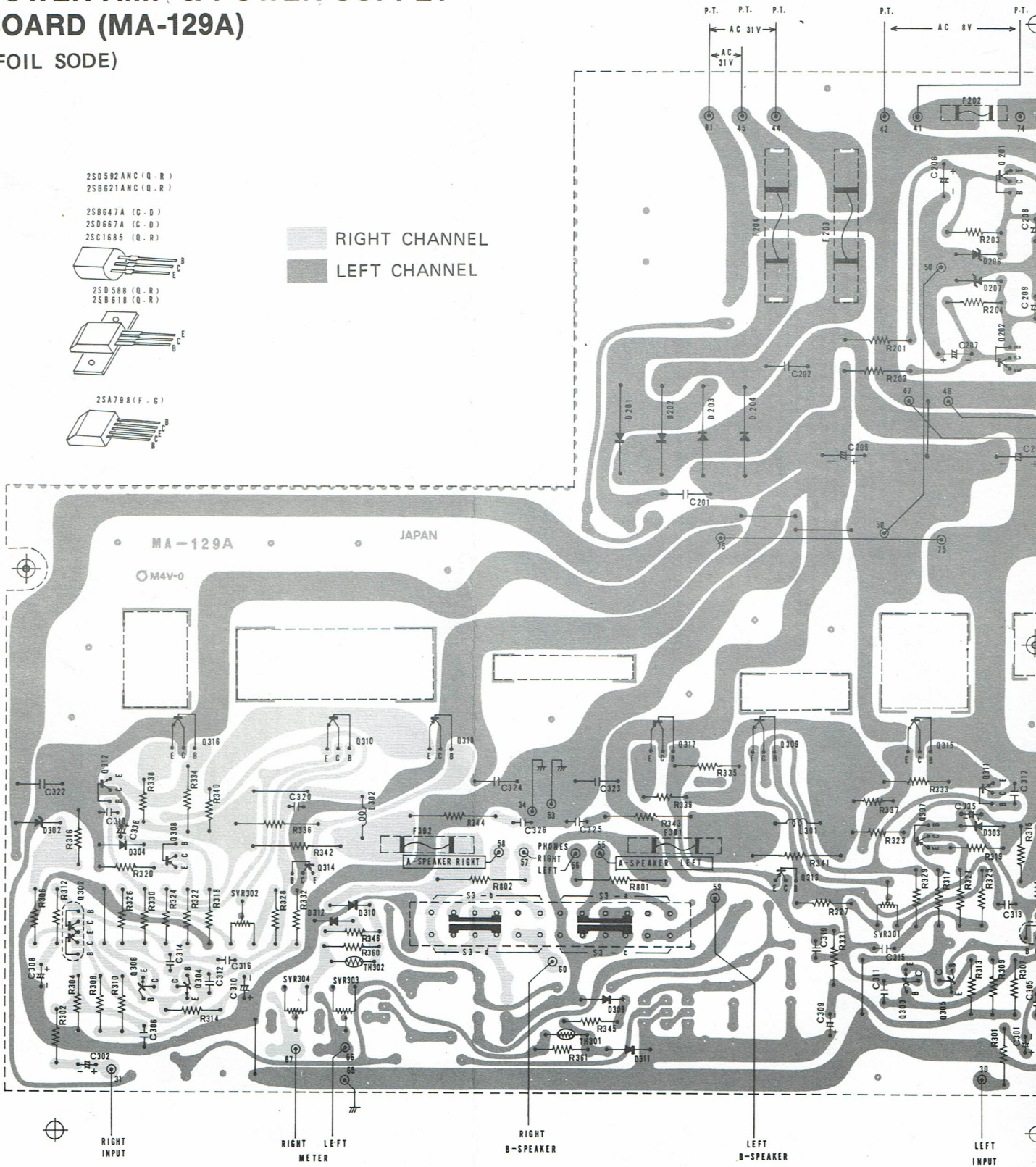
2SD588 (Q. R)
2SB618 (Q. R)



2SA798 (F. B)



RIGHT CHANNEL
LEFT CHANNEL



MA-129A JAPAN

M4V-0



RIGHT INPUT

RIGHT LEFT METER

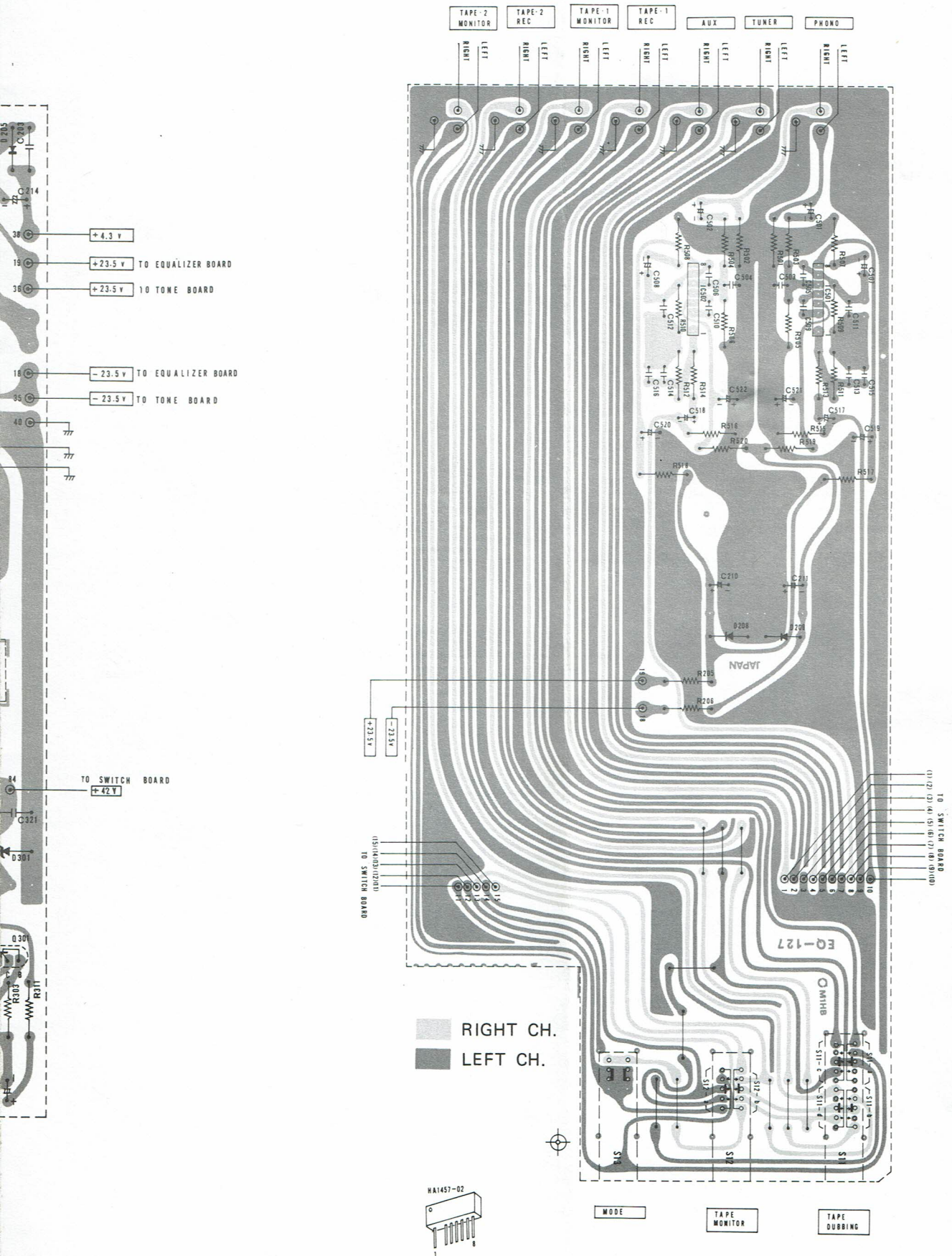
RIGHT B-SPEAKER

LEFT B-SPEAKER

LEFT INPUT

EQUALIZER BOARD (EQ-127)

(FOIL SIDE)



S3040T - A1200 - MPA3040