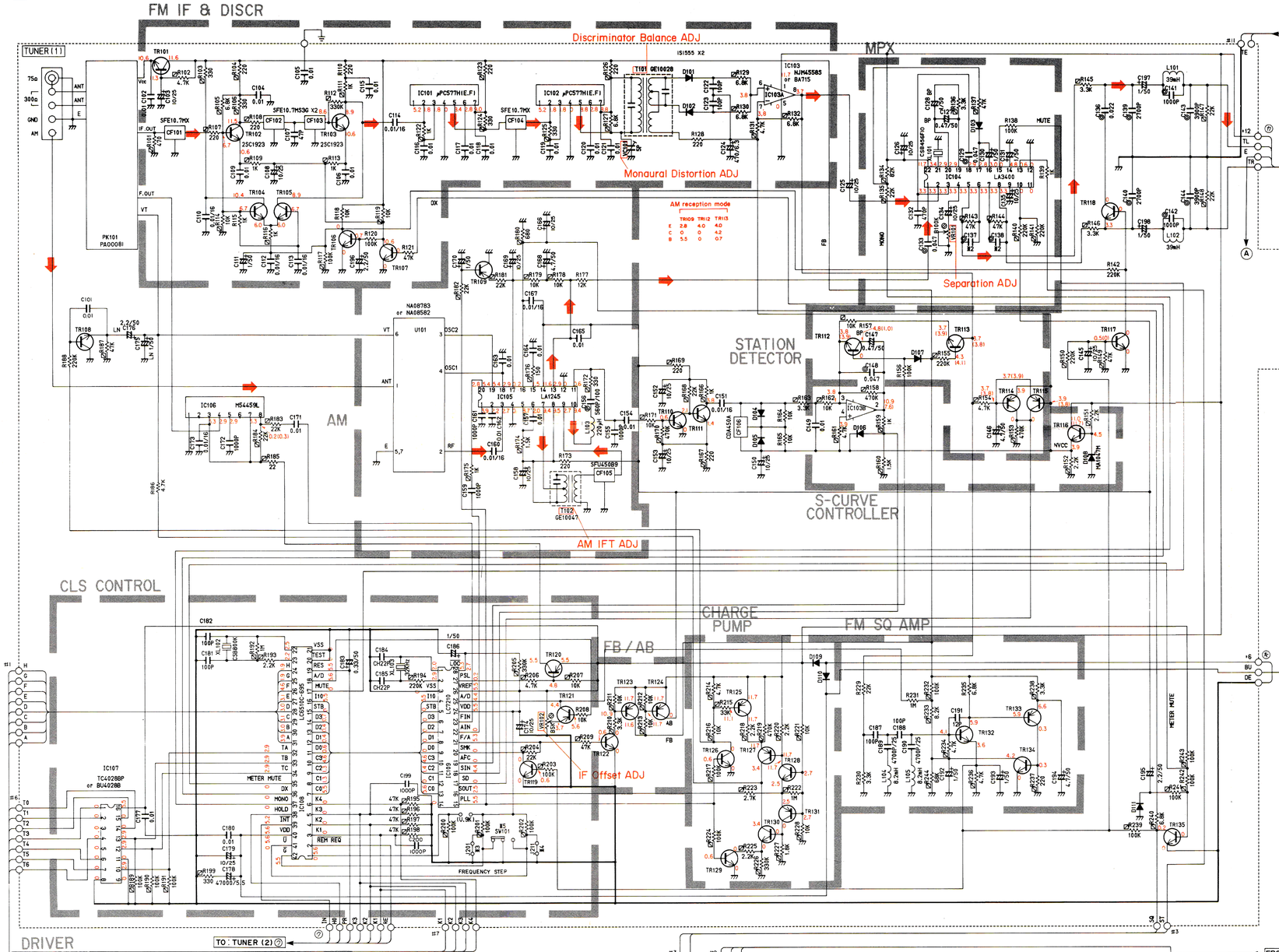
■ SCHEMATIC DIAGRAM



IC103B

AM reception mode
② 1.3
③ 4.0
④ 3.9
⑤ 0

IC104

Detuned mode	
① 3.3	⑫ 0
② 3.3	⑬ 10.4
③ 3.3	⑭ 4.8
④ 3.3	⑮ 0
⑤ 3.3	⑯ 2.8
⑥ 3.3	⑰ 3.3
⑦ 3.3	⑱ 2.9
⑧ 3.3	⑲ 2.9
⑨ 3.3	⑳ 2.9
⑩ 0	㉑ 3.4
⑪ 0	㉒ 11.7

IC109

AM reception mode	Detuned mode	
① 2.0	⑮ 5.5	
② 2.9	⑯ 2.7	
③ 0	⑰ 0	
④ 5.6	⑱ 0.8	
⑤ 0	⑲ 0	
⑥ 1.3	⑳ 0	
⑦ 0	㉑ 0	
⑧ 0	㉒ 2.8	
⑨ 0	㉓ 0	
⑩ 0	㉔ 5.6	
⑪ 5.6	㉕ 0.3	
⑫ 5.6	㉖ 5.6	
⑬ 0	㉗ 5.6	
⑭ 5.6	㉘ 5.4	

IC108

AM reception mode	Detuned mode	
① 0	㉕ 2.5	
② 5.6	㉖ 2.2	
③ 0	㉗ 1.2	
④ 0	㉘ 1.2	
⑤ 0	㉙ 1.9	
⑥ 0	㉚ 0	
⑦ 0	㉛ 1.2	
⑧ 5.6	㉜ 4.0	
⑨ 5.6	㉝ 3.2	
⑩ 0	㉞ 0	
⑪ 0.7	㉟ 2.9	
⑫ 0.7	㊱ 3.0	
⑬ 0.7	㊲ 3.0	
⑭ 1.9	㊳ 0	
⑮ 0	㊴ 0	
⑯ 5.6	㊵ 5.6	
⑰ 0	㊶ 5.2	
⑱ 5.6	㊷ 5.6	
⑲ 5.6	㊸ 5.5	
⑳ 0	㊹ 0	
㉑ 0	㊺ 0	
	㊻ 5.5	

CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	CERAMIC CAPACITOR
◎	POLYESTEL FILM CAPACITOR (Mylar)
○	POLYSTYRENE FILM CAPACITOR
①	MICA CAPACITOR
②	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR

RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR
☑	CARBON FILM RESISTOR (1/6W)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
☒	METAL PLATE RESISTOR
◪	FIRE PROOF CARBON FILM RESISTOR
□	SEMENT MOLDED RESISTOR
⊘	SEMI VARIABLE RESISTOR

*This schematic diagram is for U.S.A and Canadian models.
As the following parts and values differ from each model,
so refer to the corresponding column.

		U.C	R	A
※2	C137,138	1500P ◎	→	1000P ◎
※3	J201	OPEN	→	SHORT
※4	J211	SHORT	OPEN	→
※5	SW101	OPEN	KA40169	OPEN

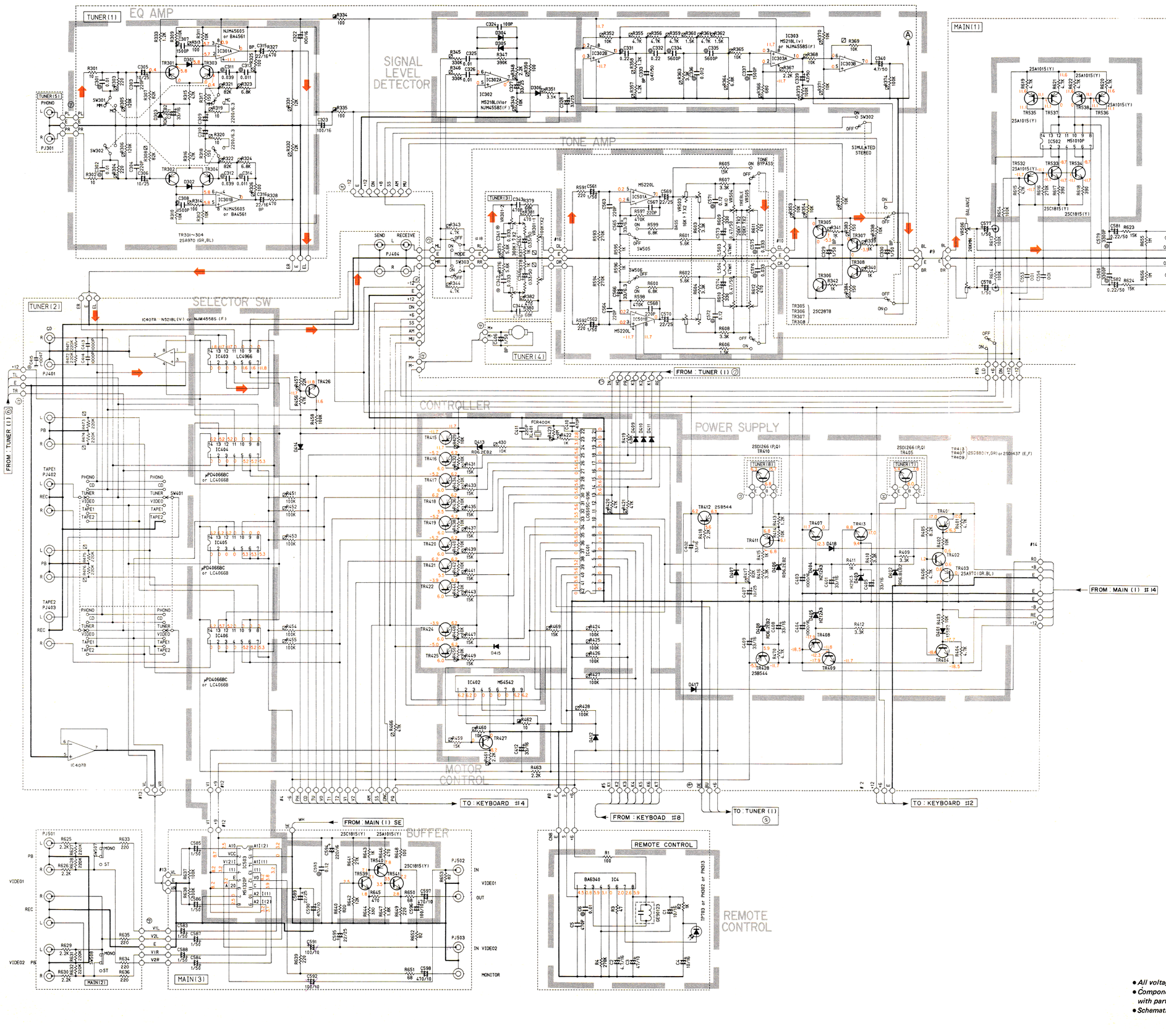
*NOTICE
(U) ..... U.S.A model
(C) ..... Canadian model
(A) ..... Australian model
(R) ..... General model

UNLESS OTHERWISE SPECIFIED :

DIODES ARE 1S1555 or 1S2473
PNP TRANSISTORS ARE 2SA933S(Q.R) or 2SA1015(Y) or 2SA1115(E.F) or 2SA1310(R.S.T)
NPN TRANSISTORS ARE 2SC1815(Y) or 2SC1740S(S.R) or 2SC2603(E.F) or 2SC3312(R.S.T)

- *All voltages measured with a 10MΩ/VDC electric volt meter, under no-signal condition.*
- *The voltages are measured at FM reception mode. The voltage ( ) are at detuned mode, but the voltages at TR109 ~ TR111 and IC105 are at AM reception model.*
- *Components having special characteristics are marked ⚠ and must be replaced with parts having specifications equal to those originally installed.*
- *Schematic Diagram is subject to change without notice.*

■ SCHEMATIC DIAGRAM



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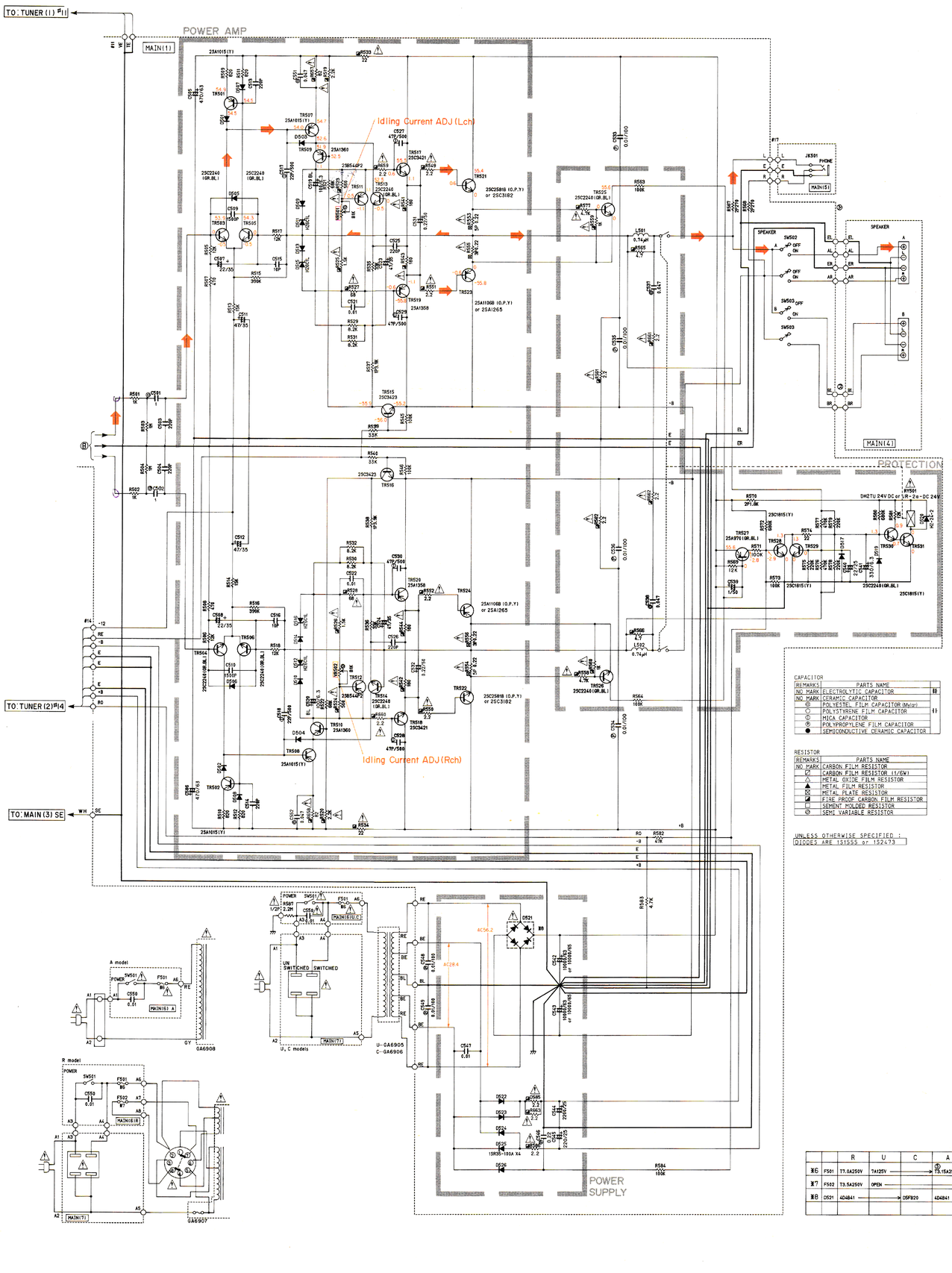

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□	SEMENT MOLDED RESISTOR
Ø	SEMI VARIABLE RESISTOR

UNLESS OTHERWISE SPECIFIED :
DIODES ARE 1S1555 or 1S2473

		R	U	C	A
※6	F501	T7.0A250V	7A125V	→	⑤ T3.15A250V
※7	F502	T3.5A250V	OPEN	→	
※8	D521	4D4B41	→ D5FB20	4D4B41	

M54542 — LC6510C-695, LC6505C-696
μPC577H (E, F) — BA6340
NJM4558S, NJM4558S (F), BA715, LB1413 — 2SD880 (Y, GR), 2SD1437 (E, F), 2SD1266 (P, Q)
TC4028 BP, BU4028, M51320P, M54526 — 2SA1106B (O, P, Y), 2SC2581B (O, P, Y), 2SA1265, 2SC3182
BA618 — 2SA1360, 2SC3423
μPD4066BC, LC4066B, LC4966, M51010P — 2SB544 (P2), 2SA970 (GR, BL), 2SA1015 (Y), 2SC1815 (Y), 2SC2240 (GR, BL), 2SA933S (Q, R), 2SA1115 (E, F), 2SA1310 (R, S, T), 2SB544, 2SC1923, 2SC2878, 2SC1740S (S, R), 2SC2603 (E, F), 2SC3312 (R, S, T)
NJM4560S, BA4561
M54459L, M5218L (V), M5220L — D5FB20
LA1245 — HZ24-2, HZ6C1L, 1S2473, 1S1555, 1SR35-100A, 1SS82, HZ12A3, RD6.2EB2, RD6.8EB2, HZ9C3, MA1047M, 1S1588
LC7210 — TPS703, PH302, PN313
LA3400

- *All voltages measured with a 10MΩ/VDC electric volt meter, under no-signal condition.*
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