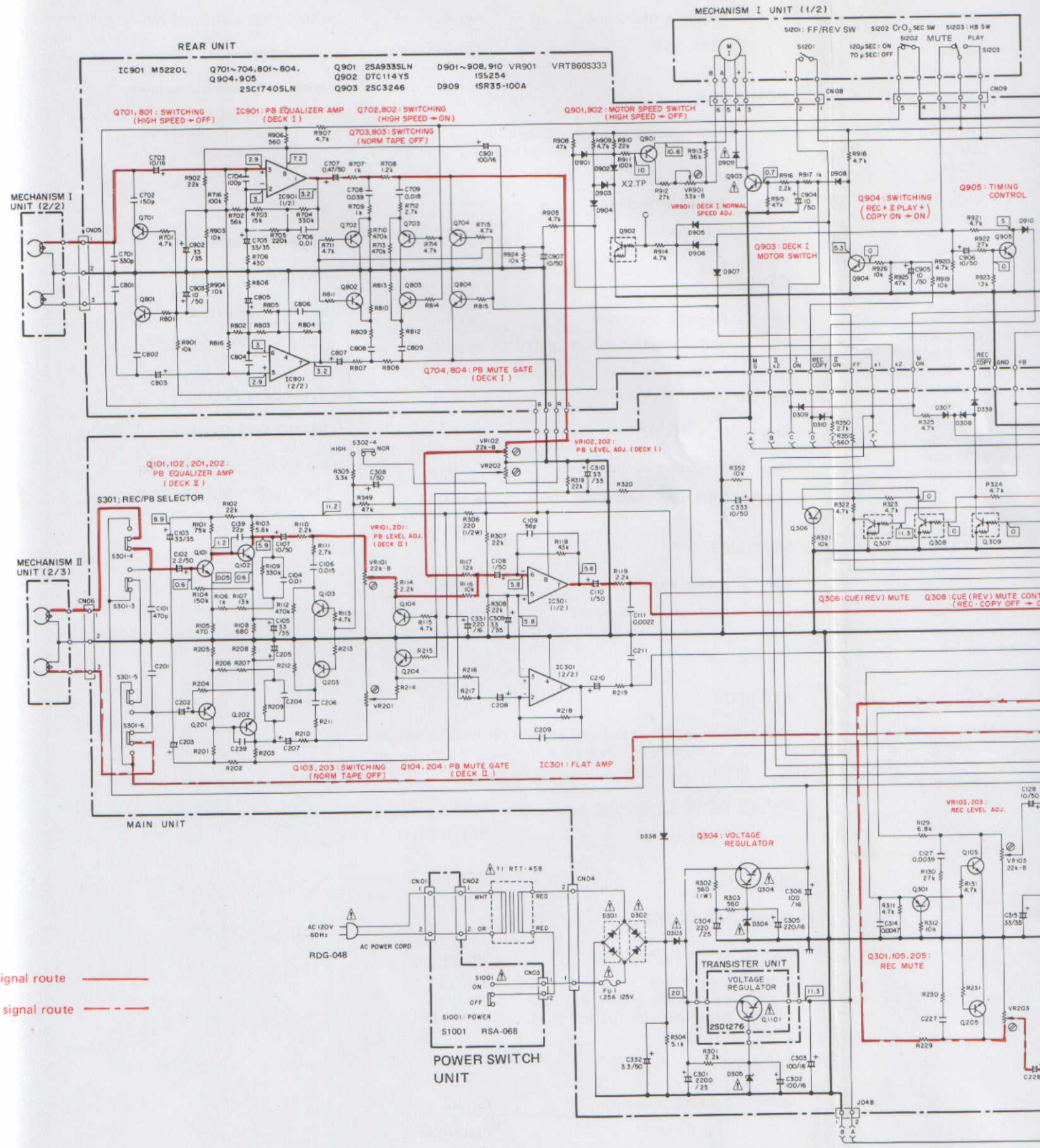
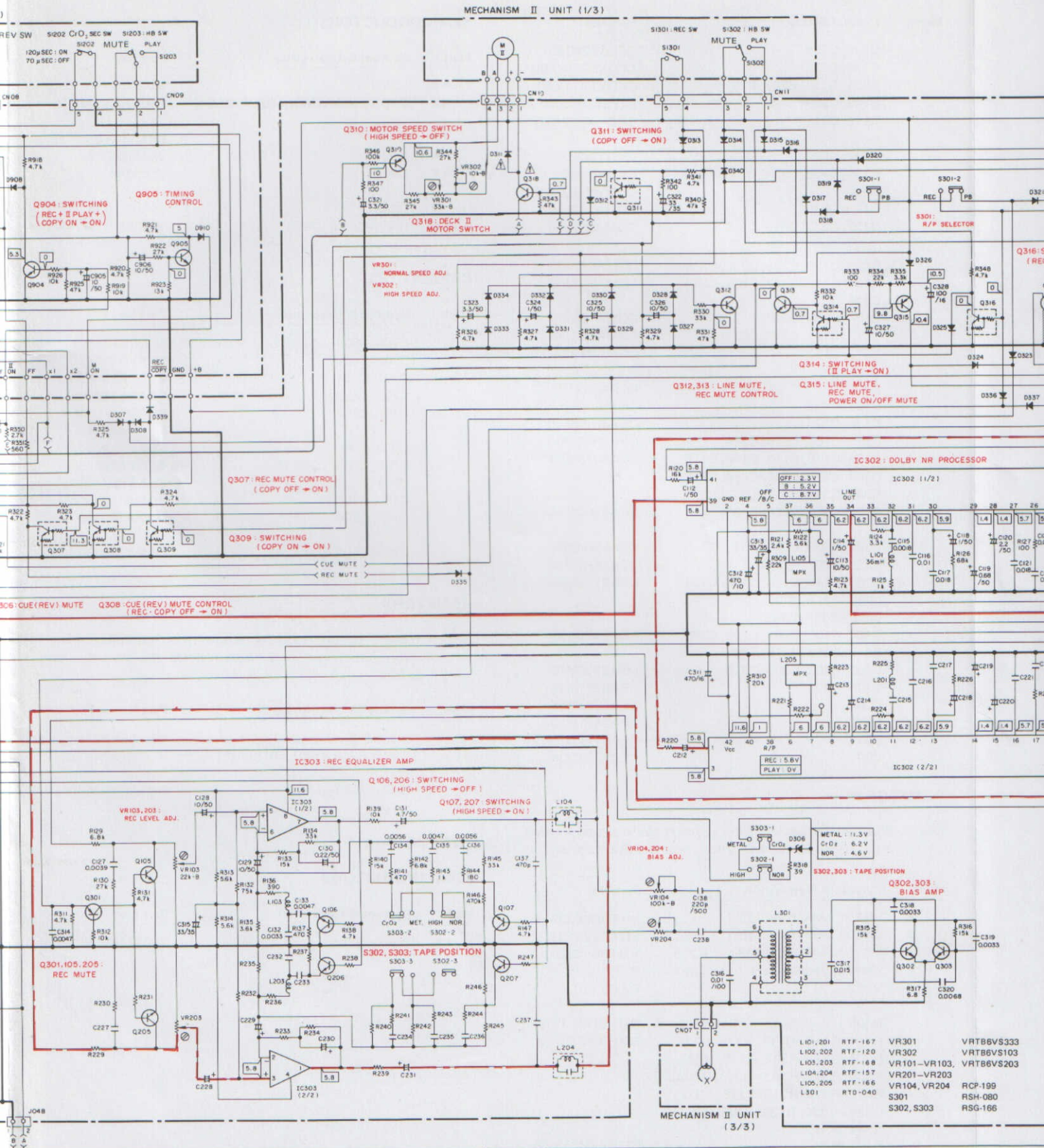


1 2 3 4

SCHEMATIC DIAGRAM

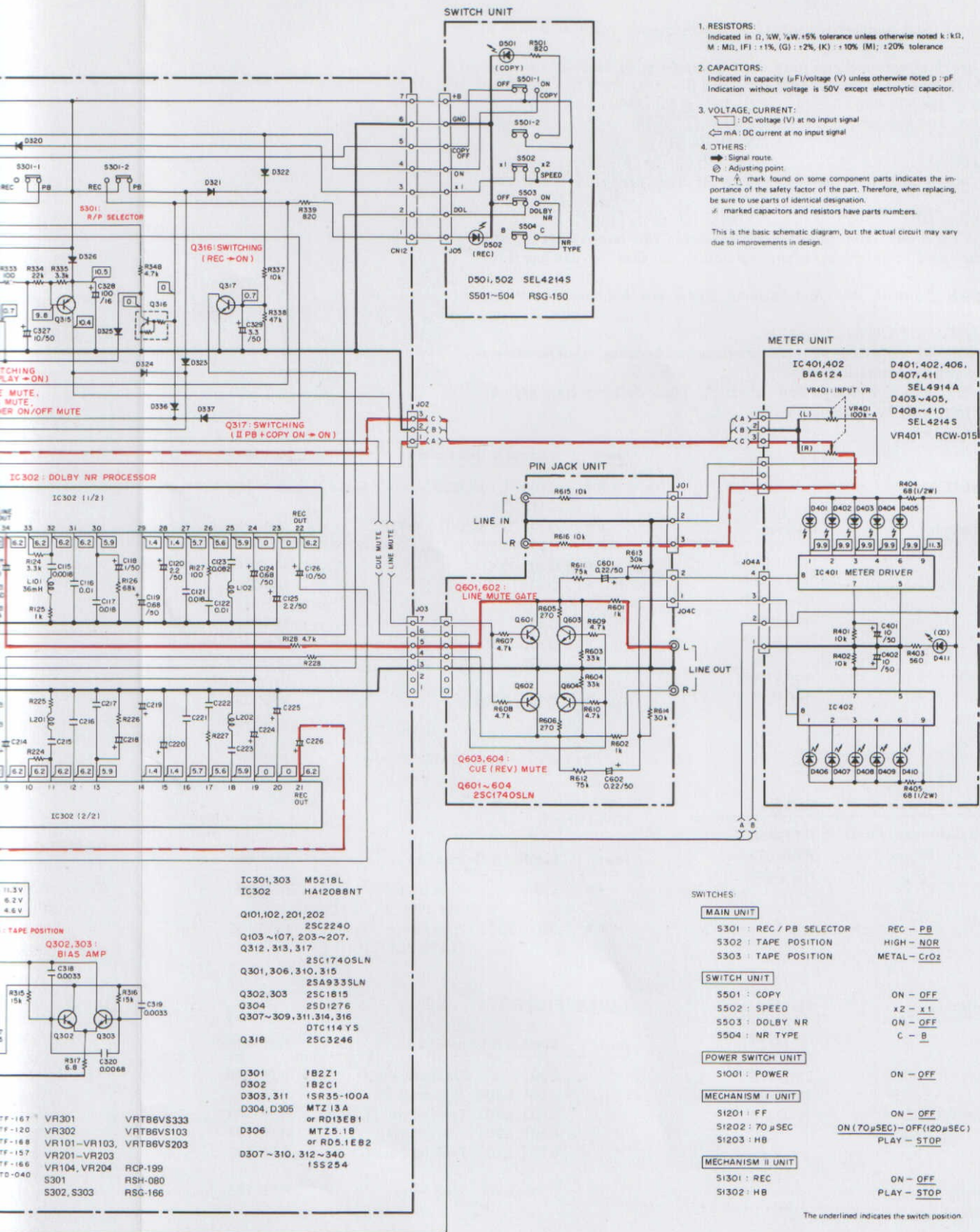


signal route ———
 signal route - - -



L101, 201	RTF-167	VR301	VRTB6VS333
L102, 202	RTF-120	VR302	VRTB6VS103
L103, 203	RTF-168	VR101-VR103,	VRTB6VS203
L104, 204	RTF-157	VR201-VR203	
L105, 205	RTF-166	VR104, VR204	RCP-199
L301	RTD-040	S301	RSH-080
		S302, S303	RSG-166

NOTE:
The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.



- RESISTORS:**
Indicated in Ω , $\frac{1}{2}W$, $\frac{1}{4}W$, $\pm 5\%$ tolerance unless otherwise noted k: k Ω , M: M Ω , 1F1: $\pm 1\%$, (G): $\pm 2\%$, (K): $\pm 10\%$ 1M1: $\pm 20\%$ tolerance
- CAPACITORS:**
Indicated in capacity (μ F)/voltage (V) unless otherwise noted p: pF
Indication without voltage is 50V except electrolytic capacitor.
- VOLTAGE, CURRENT:**
□: DC voltage (V) at no input signal
◀: mA: DC current at no input signal
- OTHERS:**
→: Signal route
⊙: Adjusting point
The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
✱: marked capacitors and resistors have parts numbers.

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

- IC301,303 M5218L
IC302 HA12088NT
Q101,102,201,202 25C2240
Q103~107,203~207. Q312,313,317 25C1740SLN
Q301,306,310,315 25A9335LN
Q302,303 25C1815
Q304 25D1276
Q307~309,311,314,316 DTC114YS
Q318 25C3246
D301 1B2Z1
D302 1B2C1
D303,311 1SR35-100A
D304,D305 MTZ13A or RD13EB1
D306 MTZ5.1B or RD5.1EB2
D307~310,312~340 1S5254

- SWITCHES:**
- MAIN UNIT**
S301: REC / PB SELECTOR REC - PB
S302: TAPE POSITION HIGH - NR
S303: TAPE POSITION METAL - CrO₂
- SWITCH UNIT**
S501: COPY ON - OFF
S502: SPEED x2 - x1
S503: DOLBY NR ON - OFF
S504: NR TYPE C - B
- POWER SWITCH UNIT**
S1001: POWER ON - OFF
- MECHANISM I UNIT**
S1201: FF ON - OFF
S1202: 70 μ SEC ON (70 μ SEC) - OFF (120 μ SEC)
S1203: HB PLAY - STOP
- MECHANISM II UNIT**
S1301: REC ON - OFF
S1302: HB PLAY - STOP

The underlined indicates the switch position.