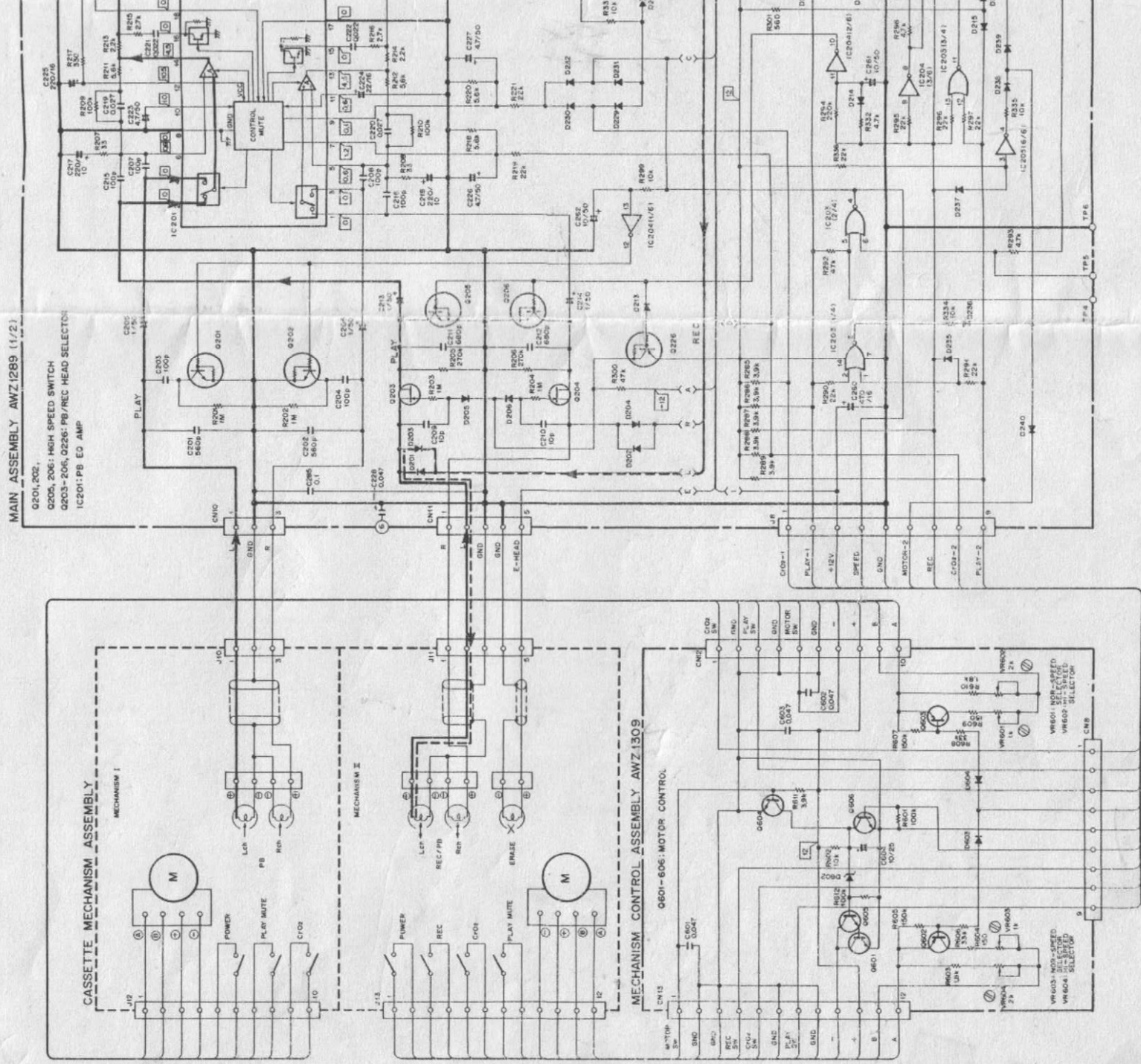


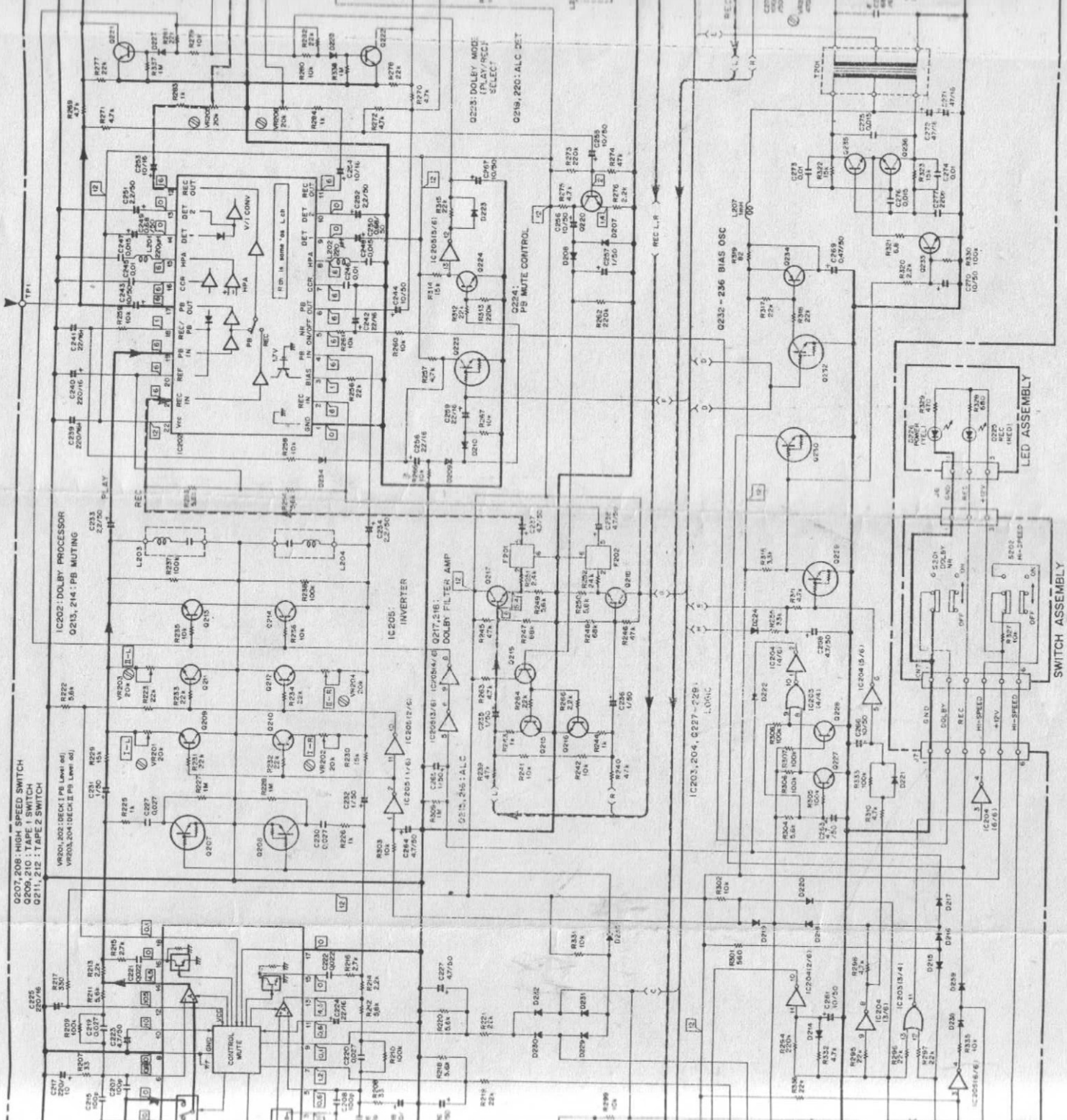
4. SCHEMATIC DIAGRAM



4

5

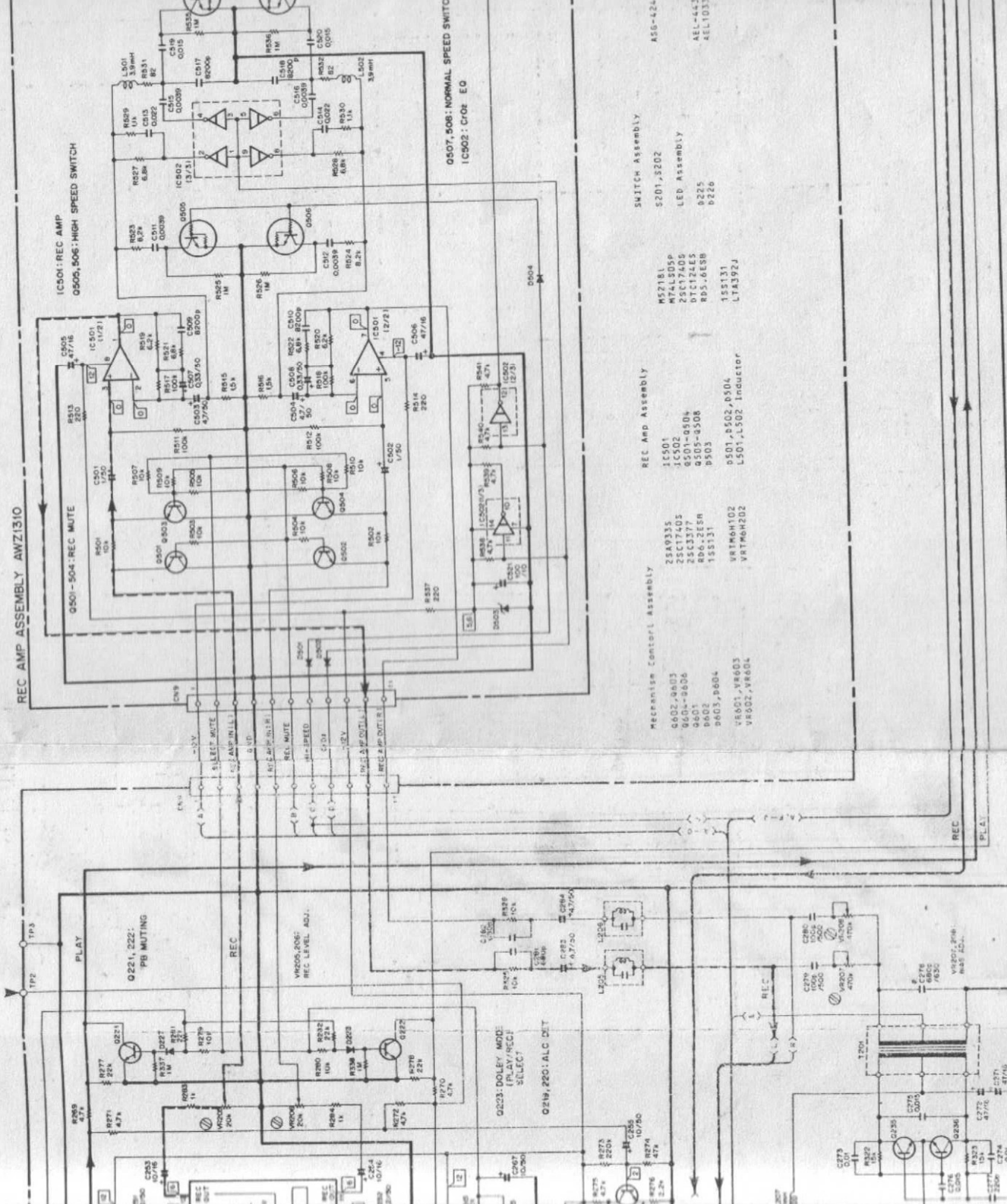
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4

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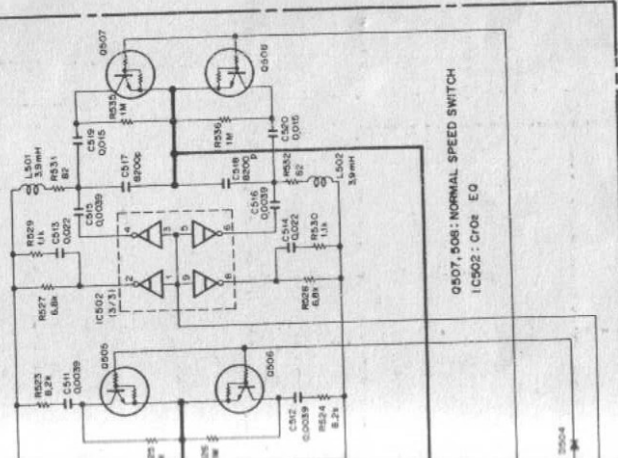


- Mechanism Control Assembly
- Q402-Q403 25A9335
 - Q404-Q406 25C1175
 - Q401 844-2E5R
 - P402 P403
 - P403 P404 15S131
 - VR401, VR403 VR404M102
 - VR402, VR404 VR406R202

- REC Amp Assembly
- IC501 IC501
 - IC502 IC502
 - Q501-Q504 Q501-Q504
 - Q505-Q508 Q505-Q508
 - P503 P503
 - Q501, Q502, P504 Q501, Q502, P504
 - L501, L502 Inductor L501, L502

- SWITCH Assembly
- S201, S202 S201, S202
 - LED Assembly LED Assembly
 - Q225 Q225
 - Q226 Q226
 - 15S131 15S131
 - LT4392J LT4392J

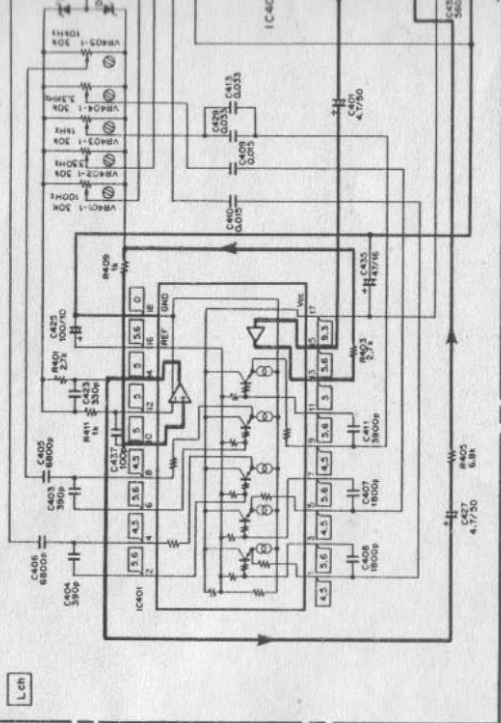
CD001: REC AMP
5005, 506: HIGH SPEED SWITCH



- SWITCH ASSEMBLY
5201, 5202
456-424
- LED ASSEMBLY
8225
9226
AEL-443
AEL1033

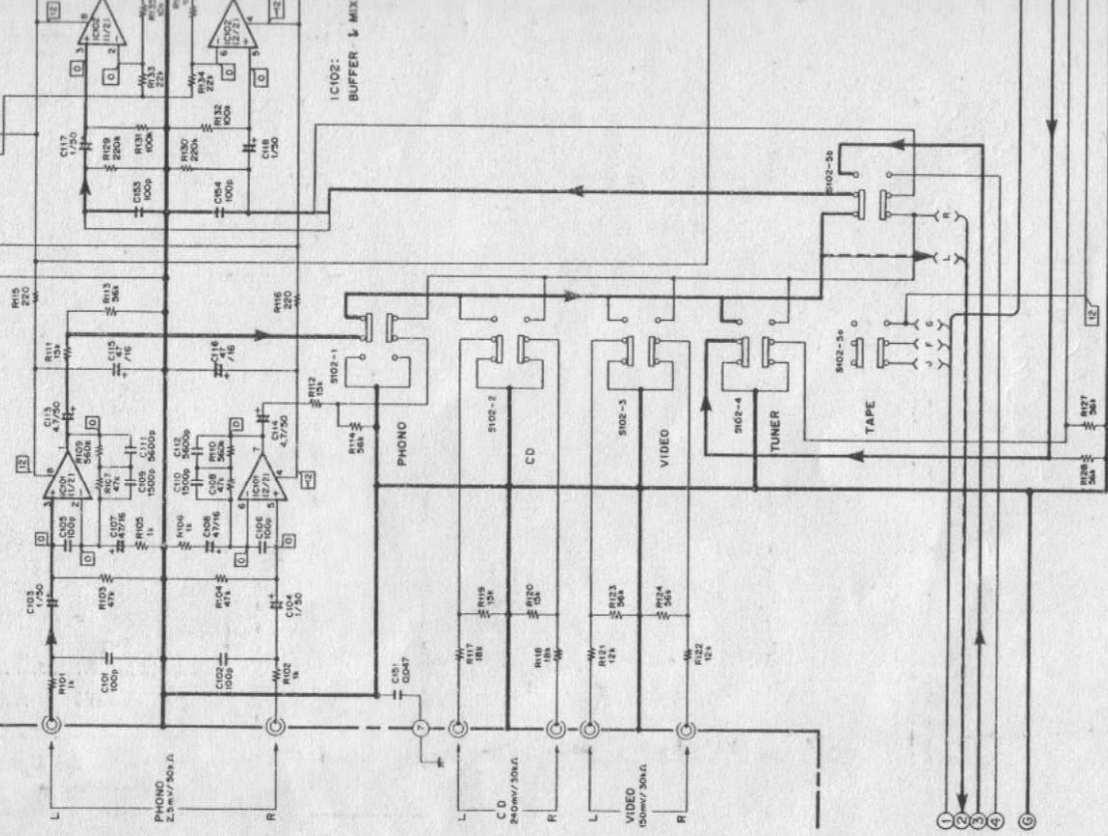
1 2 3 4 5

GRAPHIC EQ ASSEMBLY (1/2)

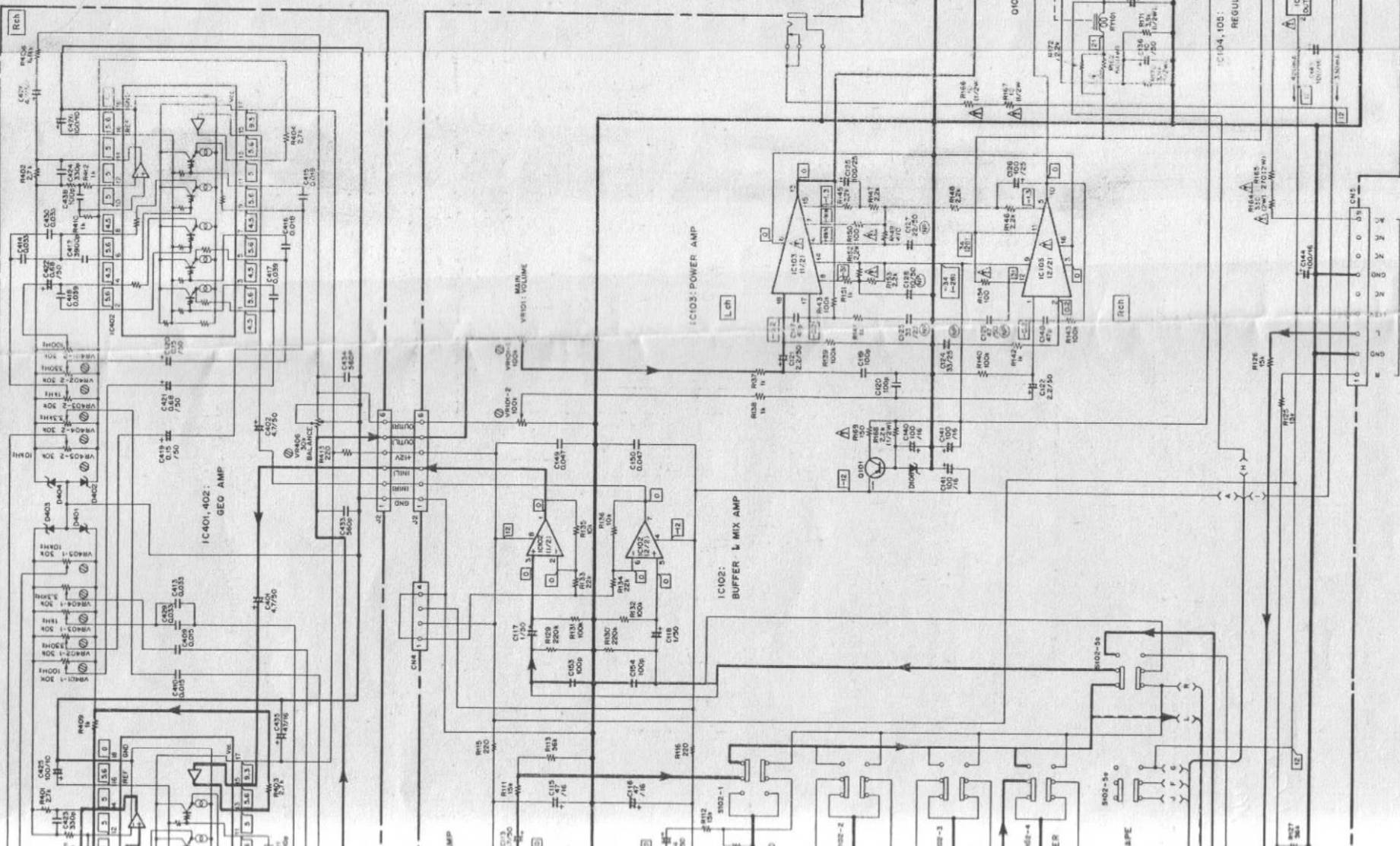


MAIN ASSEMBLY AWZ1289 (2/2)

IC101: PHONO EQ AMP



Main Assembly



- BA3161RL
- HA1208ART
- MS218P
- 51K141
- TC4001BP
- TC4066BP
- UC15912N
- DF1324ES
- 28C17405
- Q201-Q202-Q208-Q223, Q212AES
- Q229-Q231-Q232
- Q230
- Q234
- Q235
- Q101
- Q102-Q103-Q209-Q216-Q219-28C17405
- Q222-Q224-Q227-Q228-Q233
- Q217-Q218 28C17405LN
- Q104-Q235-Q236
- Q200-Q204
- Q110
- Q108
- Q102-Q107
- D109-D201-D210-D213-Q224, 15S113
- Q227-Q240
- S101
- RY101
- S102
- F201-F202
- L201-L202
- L203-L204
- L205-L206
- L207-L208
- L209-L210
- T201
- LAU221K
- LT1102J
- ACE-134
- ACE1002
- AE81005
- ACH-249
- ACU1002
- VR101
- VR201-VR206
- VR207-VR208
- VRTM6V203
- VRTM6V504
- IC201
- IC202
- IC101, IC102
- IC103
- IC203
- IC204, IC205
- IC104, IC105
- IC106, IC107
- Q201-Q202-Q208-Q223, Q212AES
- Q229-Q231-Q232
- Q230
- Q234
- Q235
- Q101
- Q102-Q103-Q209-Q216-Q219-28C17405
- Q222-Q224-Q227-Q228-Q233
- Q217-Q218 28C17405LN
- Q104-Q235-Q236
- Q200-Q204
- Q110
- Q108
- Q102-Q107
- D109-D201-D210-D213-Q224, 15S113
- Q227-Q240
- S101
- RY101
- S102
- F201-F202
- L201-L202
- L203-L204
- L205-L206
- L207-L208
- L209-L210
- T201
- LAU221K
- LT1102J
- ACE-134
- ACE1002
- AE81005
- ACH-249
- ACU1002
- VR101
- VR201-VR206
- VR207-VR208
- VRTM6V203
- VRTM6V504

TUNER
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Main Assembly

1C201	BK3416BL
1C202	HAT208BNT
1C101, 1C102	M5216P
1C103	51K4141
1C203	T46001BP
1C204, 1C205	T4600VBP
1C104	WPC7812H
1C105	WPC7812H
9226	01A124ES
9201, 9202, 9205, 9208, 9223, 9229, 9231, 9232	01C124ES
9230	D1C43ES
9234	28K373
9101	28K373
9102, 9103, 9209, 9216, 9219, 9222, 9224, 9227, 9228, 9233	28C17405
9217, 9218	28C17405LN
9104, 9235, 9236	28C3377
9203, 9204	28K373
9110	W11386
9108	W11386
9102-9107	55566
9109, 9203-9210, 9213-9224, 9229, 9240	15S131
9101	404844
9101	40501007
91101	ASR1005
91101	(ASR-111)
91101	SUJ8L2224L
9201, 9202	AT1-210
101, 1102	ATM-133
L205, L206	ATM-133
L203, L204	ATM1001
T201	AT4-035
L305, L202	LAU221K
LTA102J	LTA102J
C278	ACE-134
C145, C146	ACS1002
C135	ACS1005
C137, C138	ACH-249
9F101	ACU1002
9F201-VR206	VRTMAV203
9F207, VR208	VRTMAV504

Graphic EQ Assembly

1C401, 1C402	BA3812L
W101, W102	ACU5011
9401-9404	R510ESB

NOTE:

The indicated components are listed in the parts list only. Other alterations are listed in the parts list.

- RESISTORS: Indicated in Ω, 1/4W, 1/6W and 1/8W, ±5% tolerance unless otherwise noted. A, M, K, M, Ω, (F), ±1%, (G), ±2%, (K), ±10%, (M), ±20% tolerance CAPACITORS:

Indicated in capacity (pF)/(voltage (V) unless otherwise noted p, pf indication without voltage is 50V except electrolytic capacitor.

- VOLTAGE CURRENT:
 - ⊖: DC voltage (V) at no input signal value in () is DC voltage at rated power.
 - ⊖: DC current at no input signal
 - ⊖: Signal voltage at FM 400 Hz ± 75 kHz DEV

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.

The underlined indicates the switch position.

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

5. SWITCHES

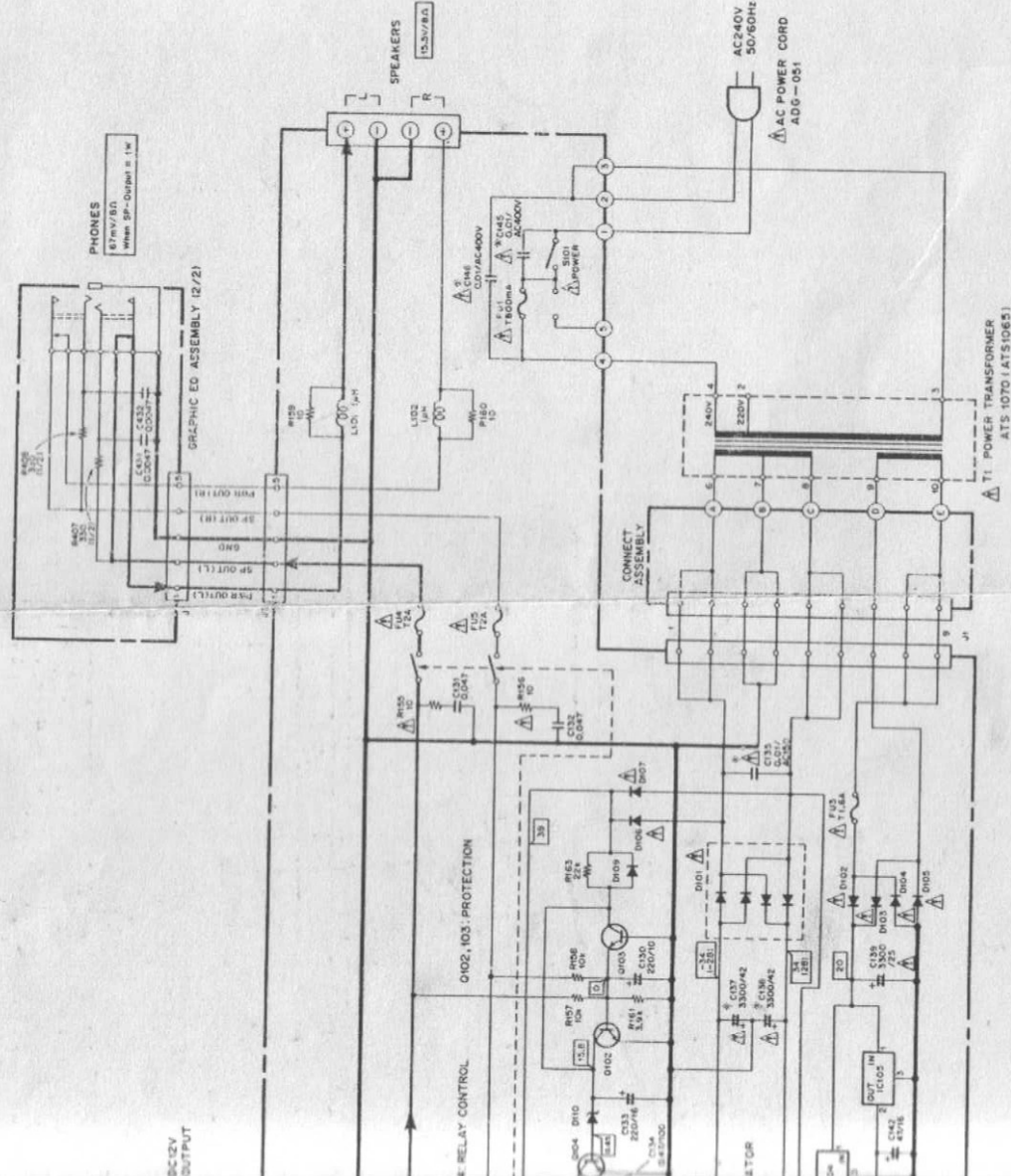
THE UNDERLINED INDICATES THE SWITCH POSITION

Main Assembly

S101	POWER	ON-OFF
S102-1	PHONO	ON-OFF
S102-2	FM	ON-OFF
S102-3	FM	ON-OFF
S102-4	TUNER	ON-OFF
S102-5	TAPE	ON-OFF

Switch Assembly

S201	SOLBY NR	ON-OFF
S202	HI-SPEED	ON-OFF



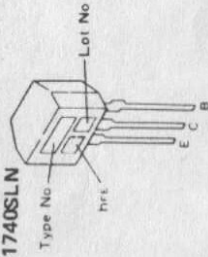
NOTE:

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

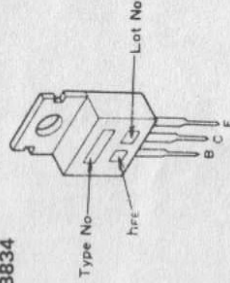
External Appearance of Transistor and ICs

- 2SA933S
- 2SC1740S
- 2SC1740SLN

M5218P



2SB834

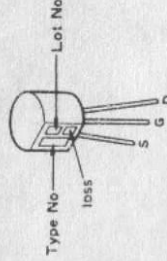


M5218L



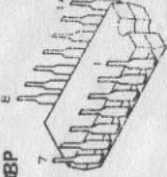
A

2SK373

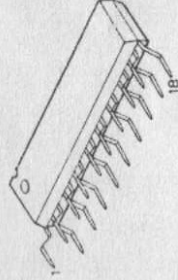


B

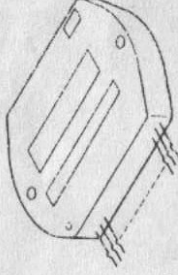
- M74LS05P
- TC4001BP
- TC4069JBP



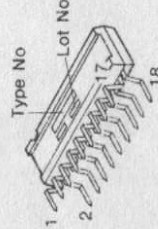
BA3812L



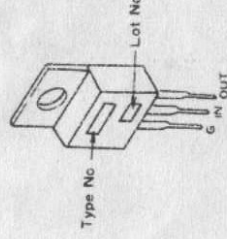
STK4141



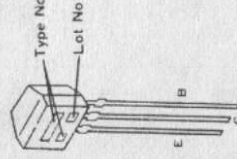
BA3416BL



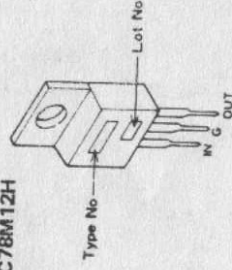
JPC7812H



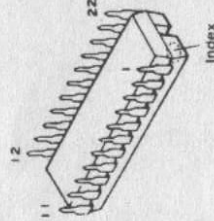
- DTA124ES
- DTC124ES
- DTC143ES



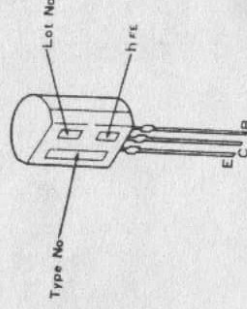
JPC78M12H



HA12086NT



2SC3377



D