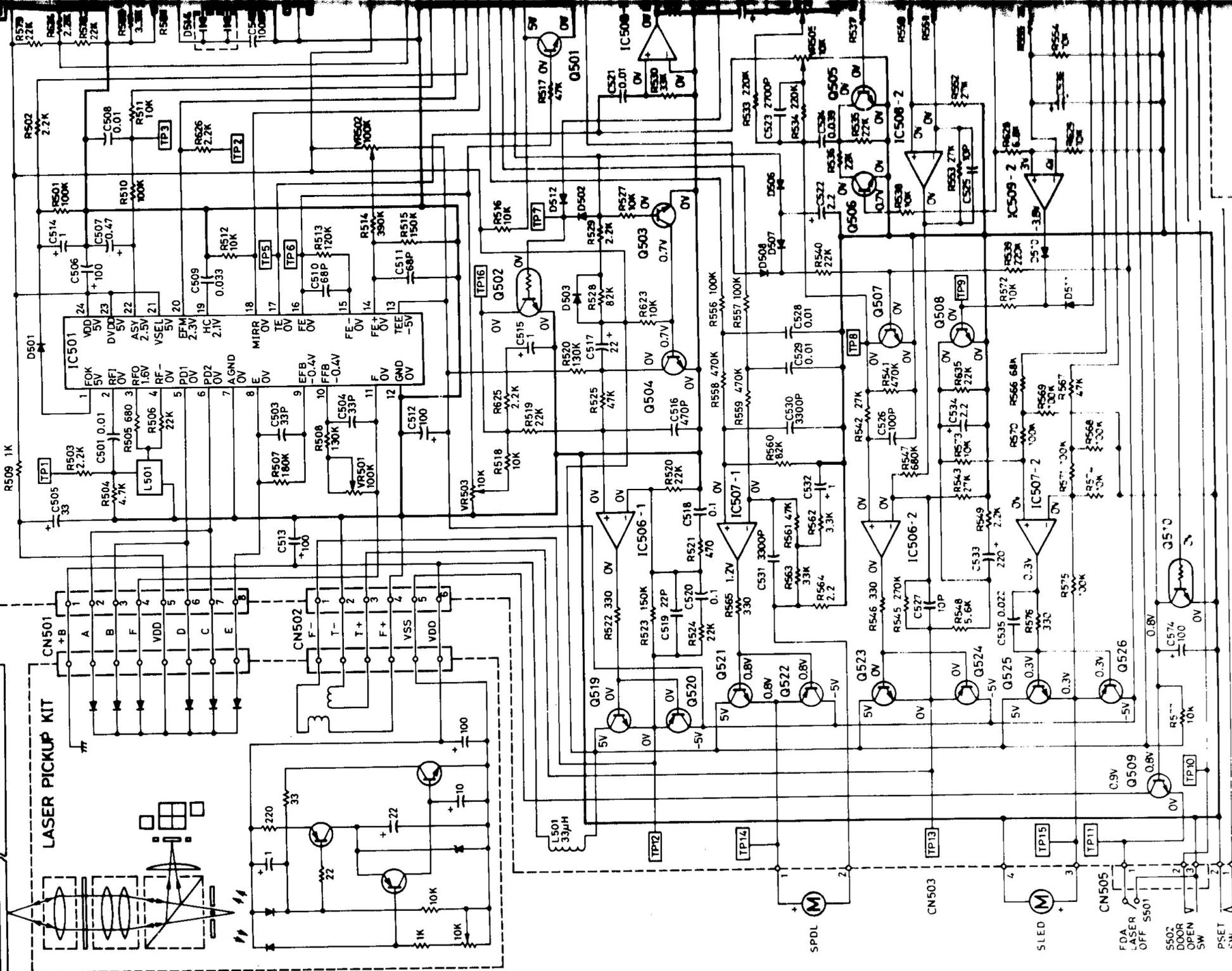


# COMPACT DISC SCHEMATIC DIAGRAM



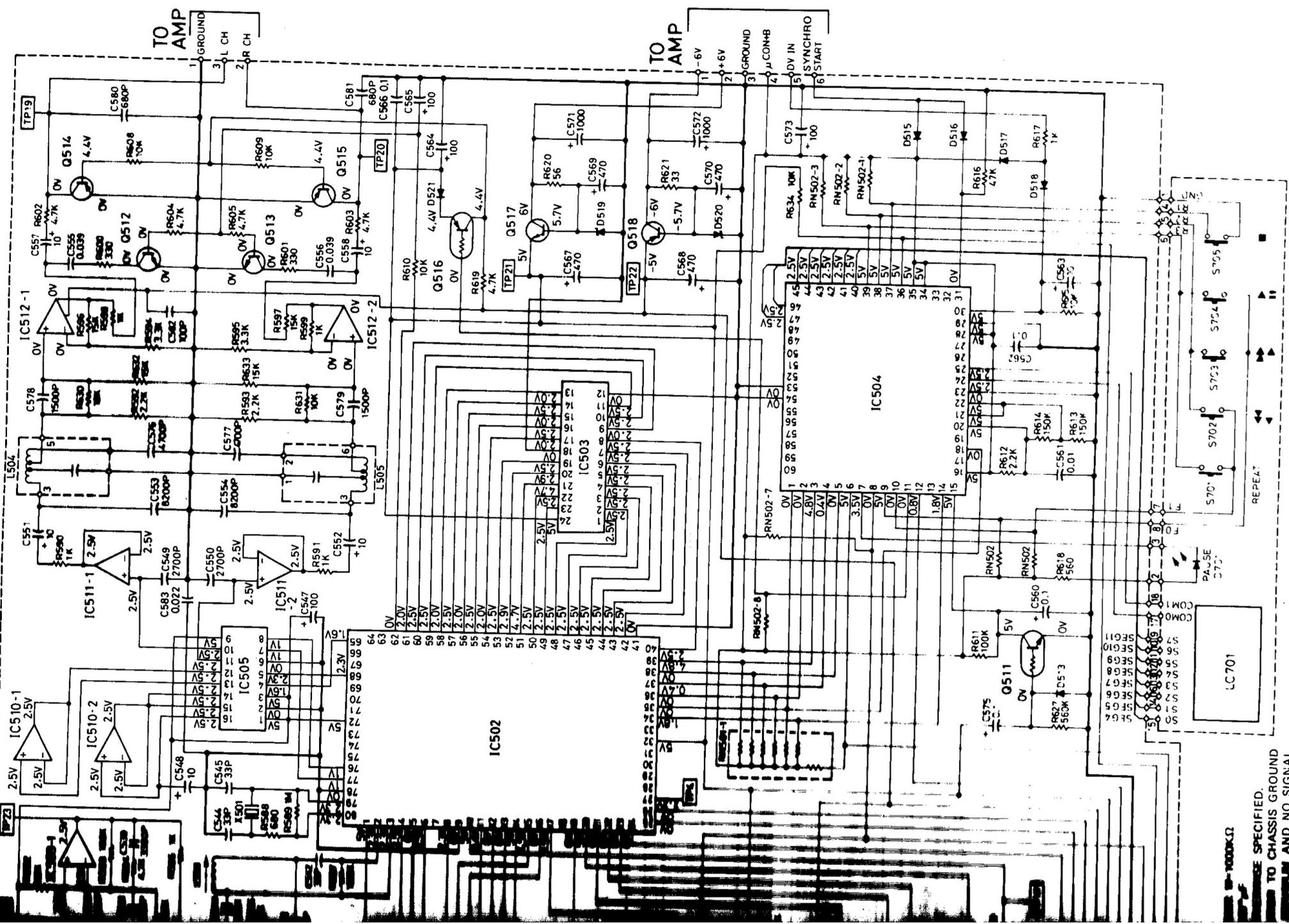
**NOTES:**

1. ALL RESISTANCE VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITANCE VALUES ARE IN PICO FARADS UNLESS OTHERWISE SPECIFIED.
3. ALL RESISTORS ARE 1/8 WATT.
4. VOLTAGES MEASURED FROM POWER SUPPLY WITH V.T.V.M AT LINE VOLUME OR 10% (SPECIFICATIONS AND CIRCUITS SUBJECT TO IMPROVEMENT)

- Q516 -----DTA114T5  
 D501 504, 506 513,  
 515 518, 521 -----15S176 OR 15S270  
 D514 -----SVC2035P  
 D519, 520 -----RD5.6EB3

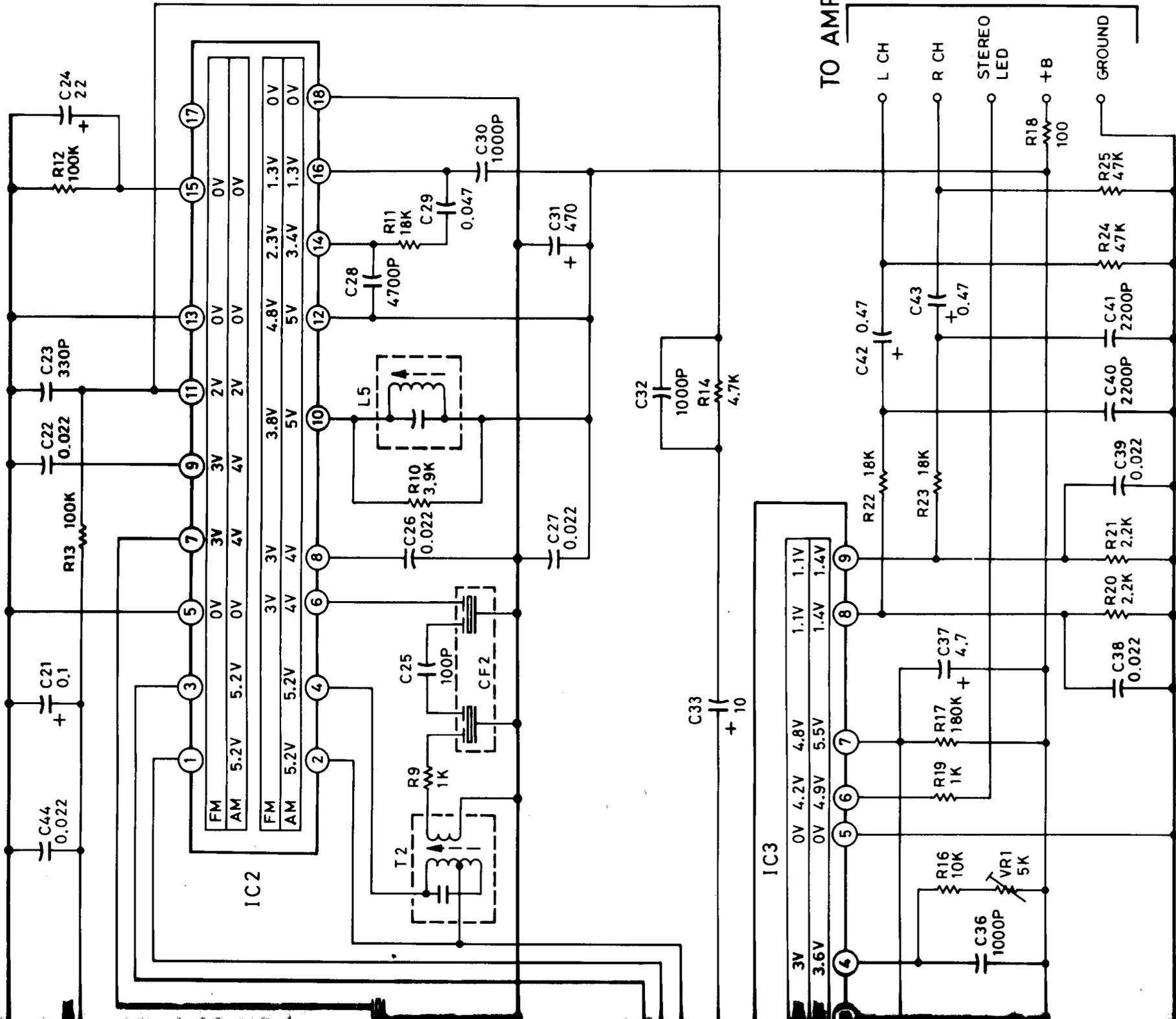
- Q501, 503 ~ 509 -----25C2458-GR  
 or 25C2785-E or F  
 Q502, 510, 511 -----DTC114T5  
 Q512, 513 -----25D467-C  
 Q514, 515, 518 -----25A1048-GR  
 Q517 -----25D1423AS  
 Q519, 521, 523, 525 -----25C1384NC-5  
 Q520, 522, 524, 526 -----25A684-S

- IC501 -----CX20109  
 IC502 -----YM3805  
 IC503 -----HM6116LFP-3  
 IC504 -----H50723-401  
 IC505 -----YM3015  
 IC506 ~ 512 -----NJM20680



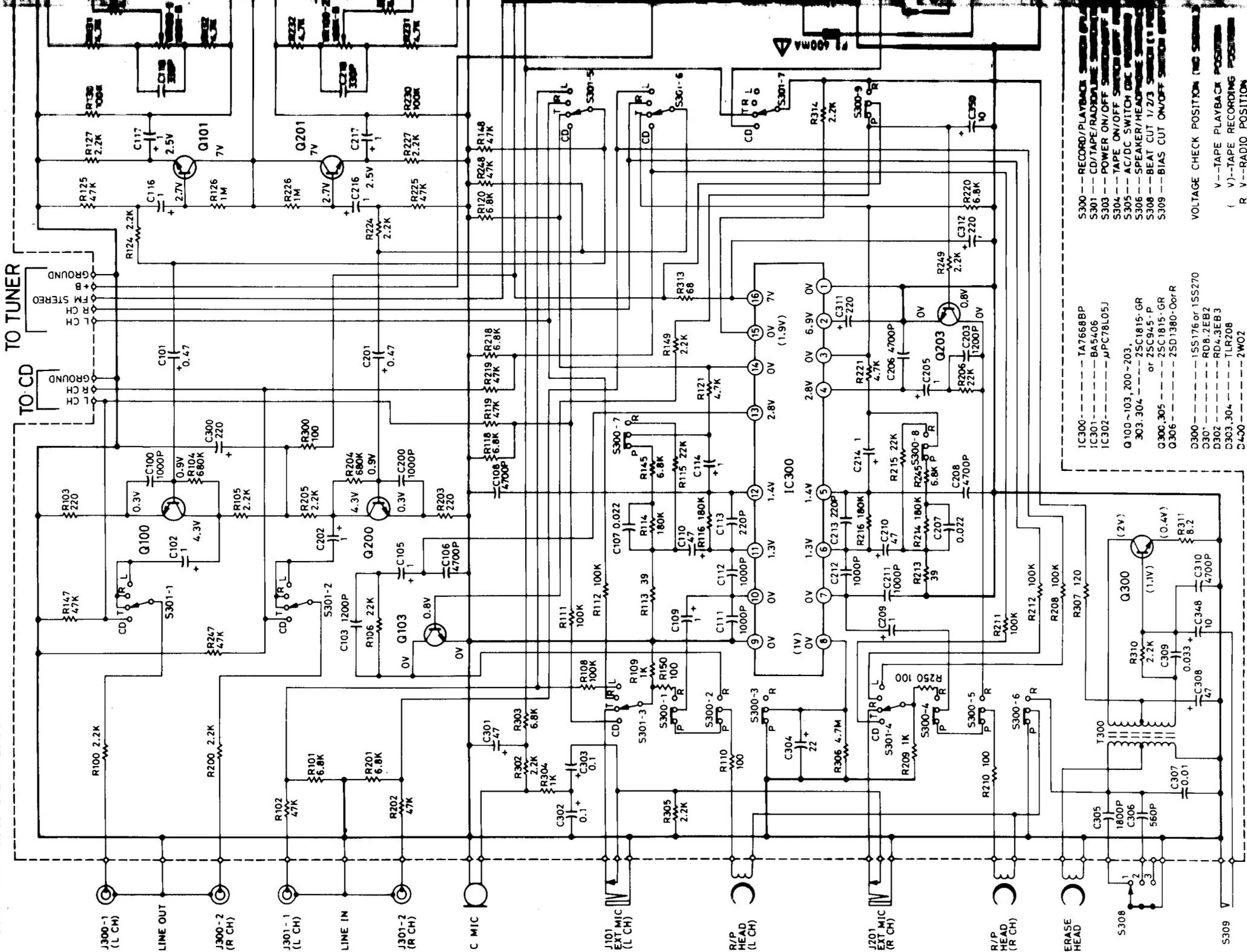
RESISTORS NOT SPECIFIED,  
 GO TO CHASSIS GROUND  
 UNLESS INDICATED  
 AND NO SIGNAL.  
 REPEAT WITHOUT NOTICE





- NOTES:**
1. ALL RESISTANCE VALUES ARE IN  $\Omega$ . K=1000 $\Omega$  M=1000K $\Omega$
  2. ALL CAPACITANCE VALUES ARE IN  $\mu$ F. P=10<sup>-6</sup> $\mu$ F
  3. ALL RESISTORS ARE 1/6 WATT, UNLESS OTHERWISE SPECIFIED.
  4. VOLTAGES MEASURED FROM POINT INDICATOR TO CHASSIS GROUND WITH V.T.V.M AT LINE VOLUME CONTROL MINIMUM AND NO SIGNAL.  
(SPECIFICATIONS AND CIRCUITS SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.)

AMP SCHEMATIC DIAGRAM



TO CD  
L CH  
R CH  
STEREO  
GROUND

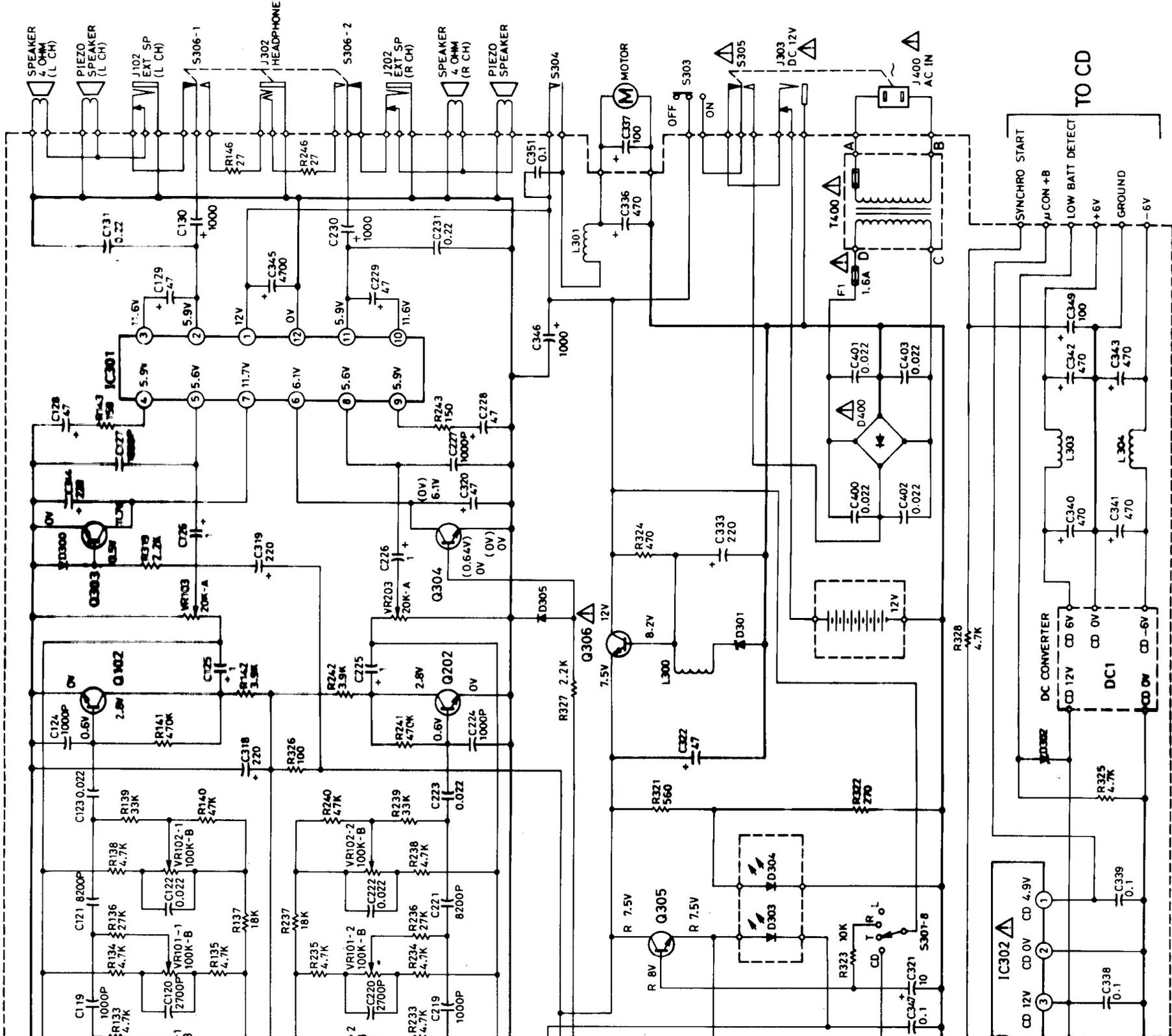
TO TUNER  
L CH  
R CH  
STEREO  
GROUND

- IC300 --- TA7668BP
- IC301 --- BA5406
- IC302 --- MPC78L05J
- Q100-103, 200-203, 303, 304 --- 2SC1815-GR or 2SC945-P
- Q300, 305 --- 2SC1815-GR
- Q306 --- 2SD1380-OorR
- Q300 --- 15S176 or 15S270
- D301 --- RD8.2EB2
- D302, 304 --- RD4.3EB3
- D303, 304 --- TLR208
- D400 --- 2W02
- D305 --- DS442

- S300 --- RECORD/PLAYBACK SWITCH (V)
- S301 --- CD/TAPE/RADIO LINE SWITCH
- S303 --- POWER ON/OFF SWITCH (V)
- S304 --- TAPE ON/OFF SWITCH (V)
- S305 --- AC/DC SWITCH (DC POSITION)
- S306 --- SPEAKER/HEADPHONE SWITCH
- S308 --- BEAT CUT 1/2/3 SWITCH (1 POSITION)
- S309 --- BIAS CUT ON/OFF SWITCH (V)

VOLTAGE CHECK POSITION (VGS SYMBOL)

V --- TAPE PLAYBACK POSITION  
( V ) --- TAPE RECORDING POSITION  
R V --- RADIO POSITION  
CD V --- CD POSITION



(BACK POSITION)  
 (TAPE POSITION)  
 (STOP POSITION)  
 (SPEAKER POSITION)  
 (STOP POSITION)

- NOTES:
1. ALL RESISTANCE VALUES ARE IN  $\Omega$ . K=1000 $\Omega$  M=1000K $\Omega$
  2. ALL CAPACITANCE VALUES ARE IN  $\mu$ F. P=10<sup>-6</sup>  $\mu$ F
  3. ALL RESISTORS ARE 1/8 WATT. UNLESS OTHERWISE SPECIFIED
  4. VOLTAGES MEASURED FROM POINT INDICATOR TO CHASSIS GROUND WITH V.T.V. AT LINE VOLUME CONTROL MINIMUM AND NO SIGNAL (SPECIFICATIONS AND CIRCUITS SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.)

TO CD