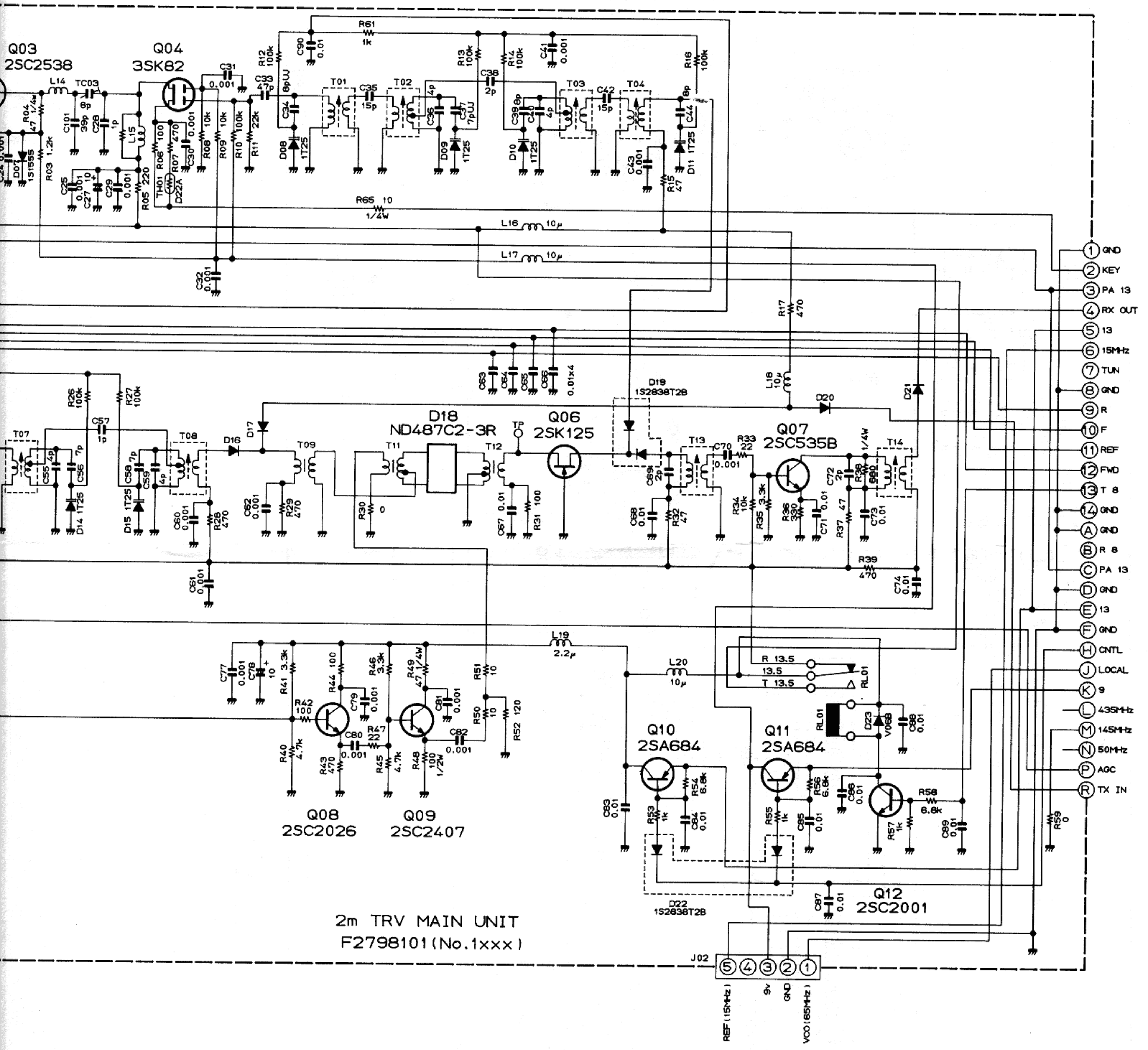


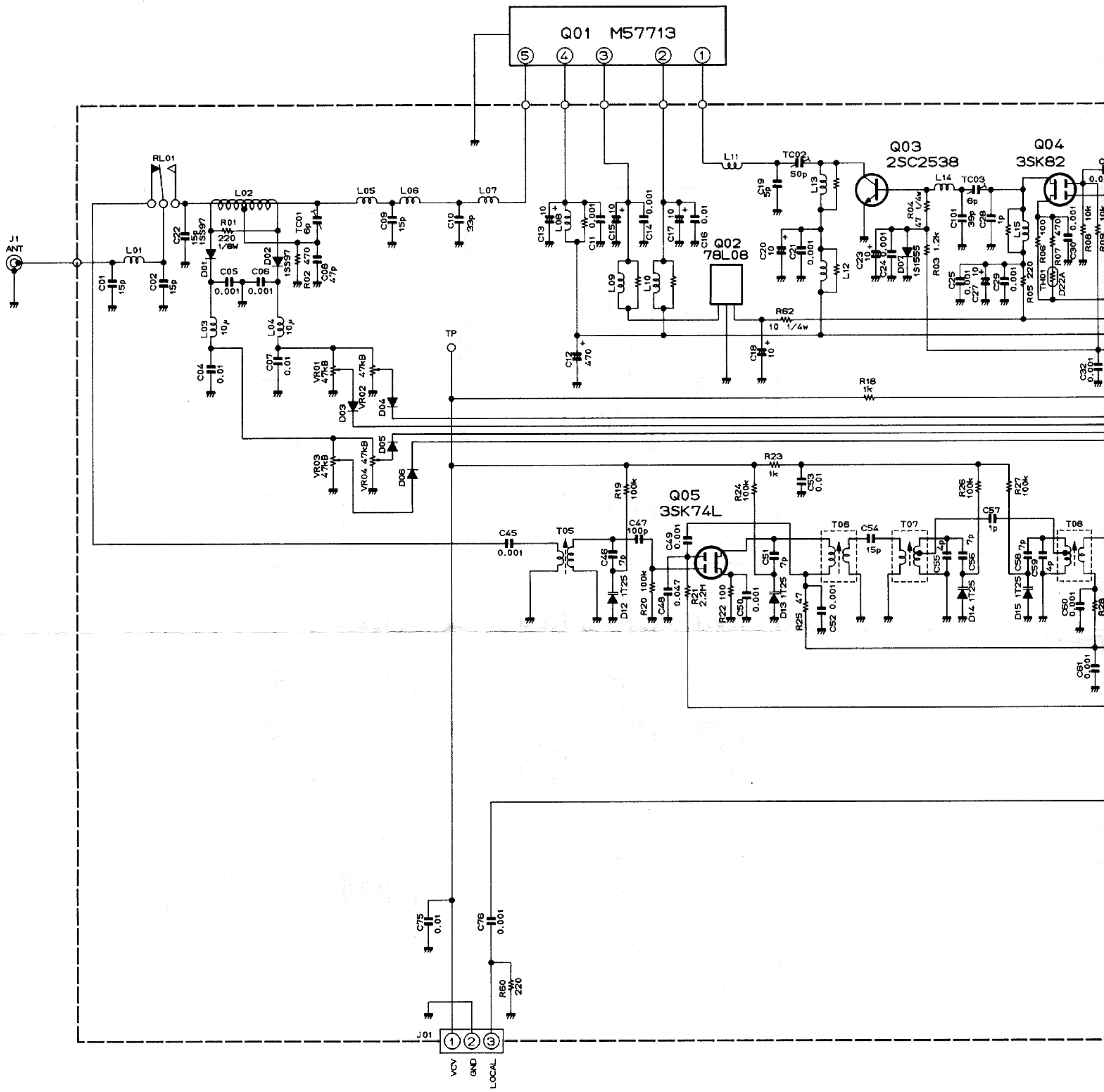
2m PLL UNIT F2800101A (No.20xx)

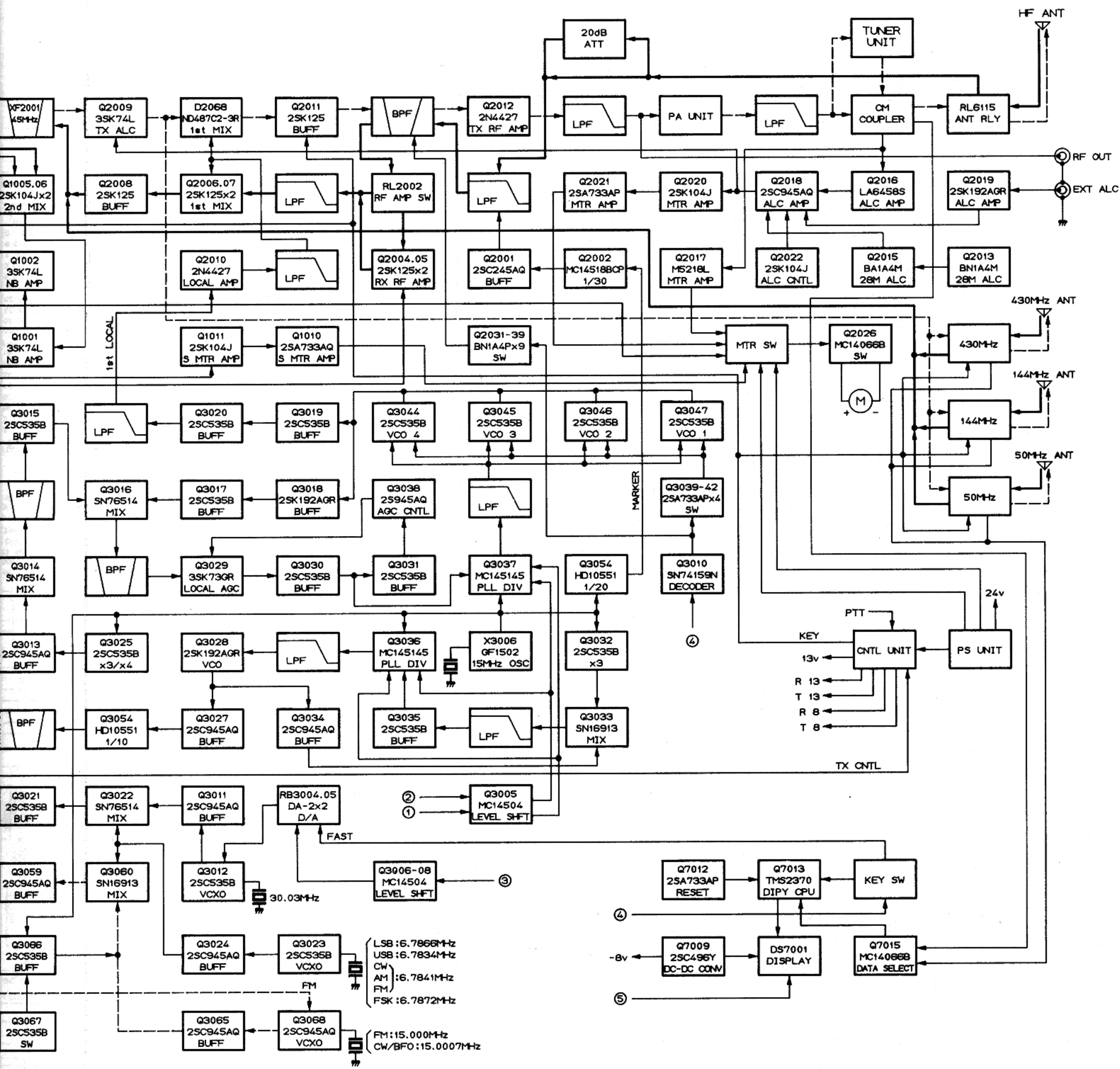
RESISTOR VALUES ARE IN  $\Omega$ , 1/ $\Omega$ ; CAPACITOR VALUES ARE IN  $\mu$ F;  
 AND INDUCTOR VALUES ARE IN H; UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM, 50WV.



2m TRV MAIN UNIT  
F2798101 (No.1xxx)

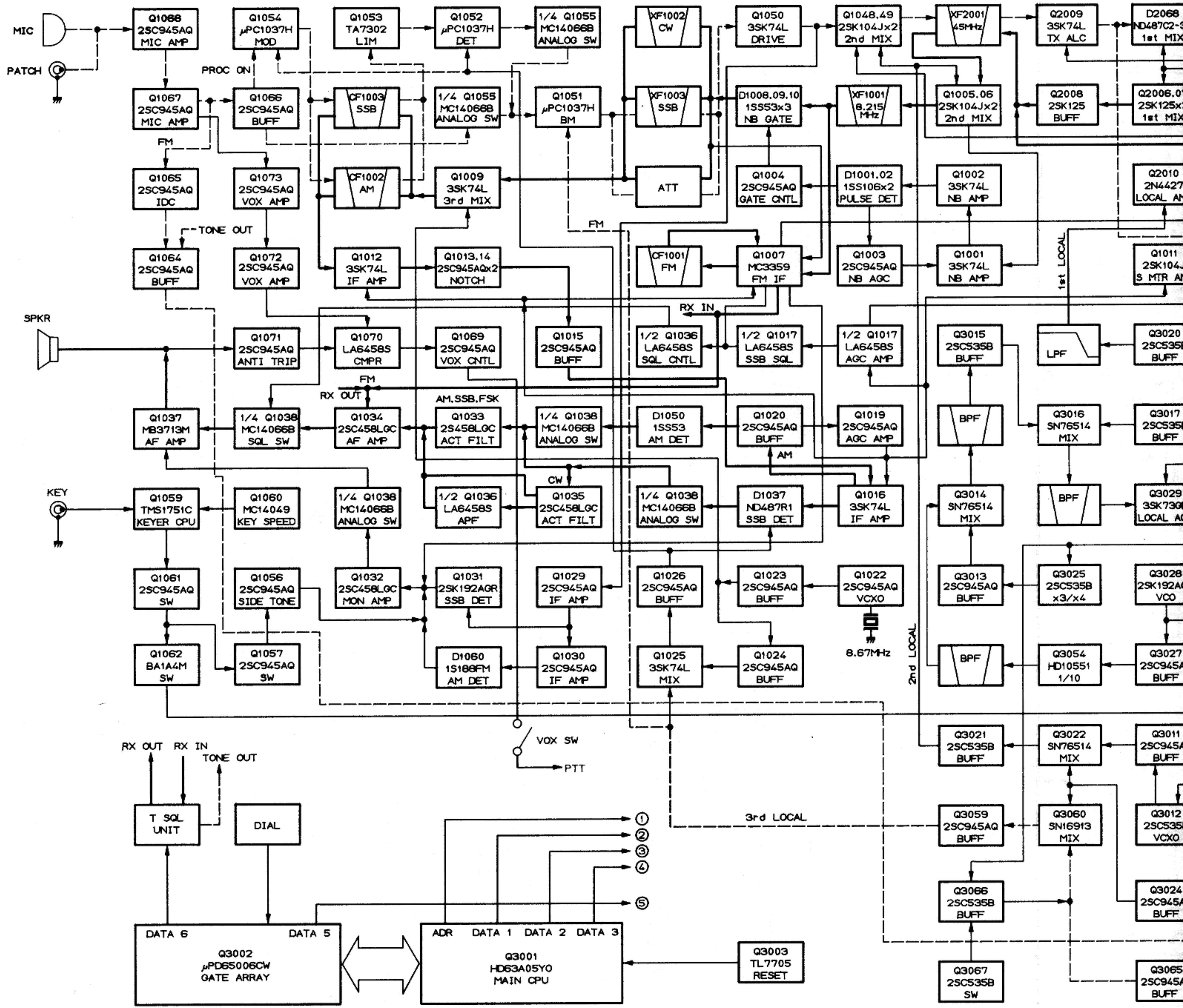
RESISTOR VALUES ARE IN Ω, 1/10Ω; CAPACITOR VALUES ARE IN μF.;  
AND INDUCTOR VALUES ARE IN H; UNLESS OTHERWISE NOTED.  
DIODES ARE TYPE MA190 UNLESS OTHERWISE NOTED.  
ELECTROLYTIC CAPACITORS ARE 16V UNLESS OTHERWISE NOTED.



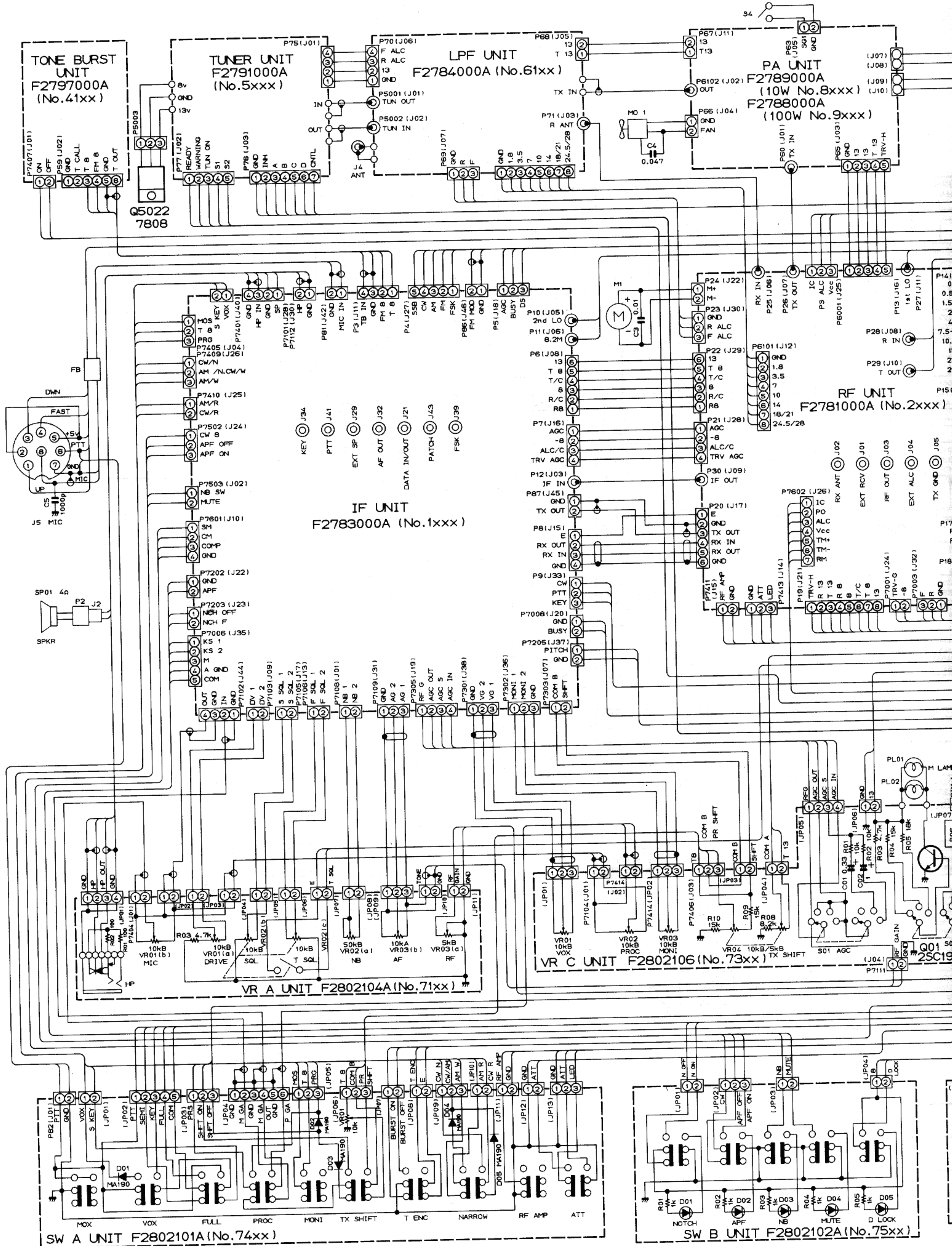


FT-767GX  
BLOCK DIAGRAM

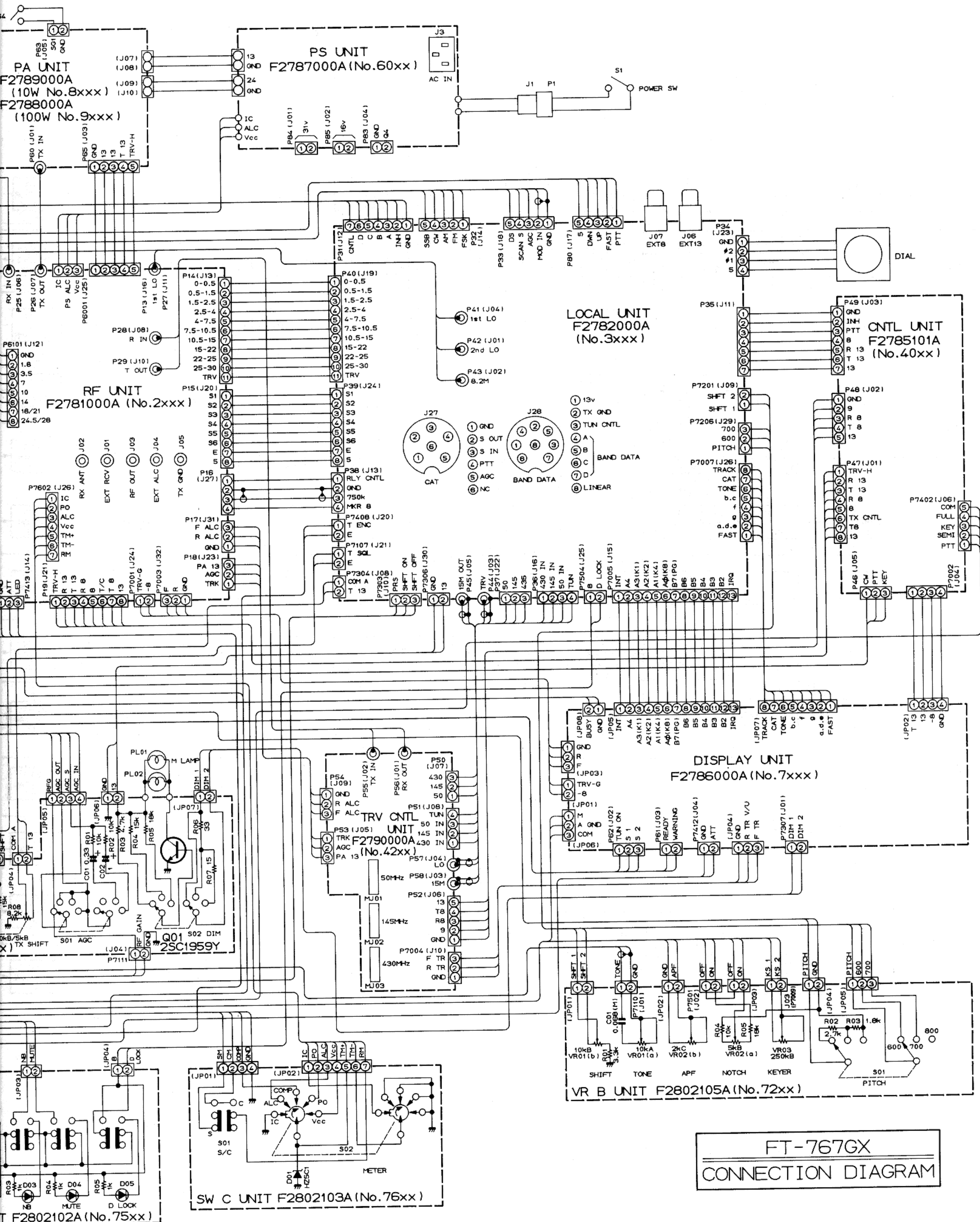
— RECEIVE  
 - - - TRANSMIT  
 — CONTROL



← RECEIVE  
 - - - TRANSMIT  
 ←· CONTROL



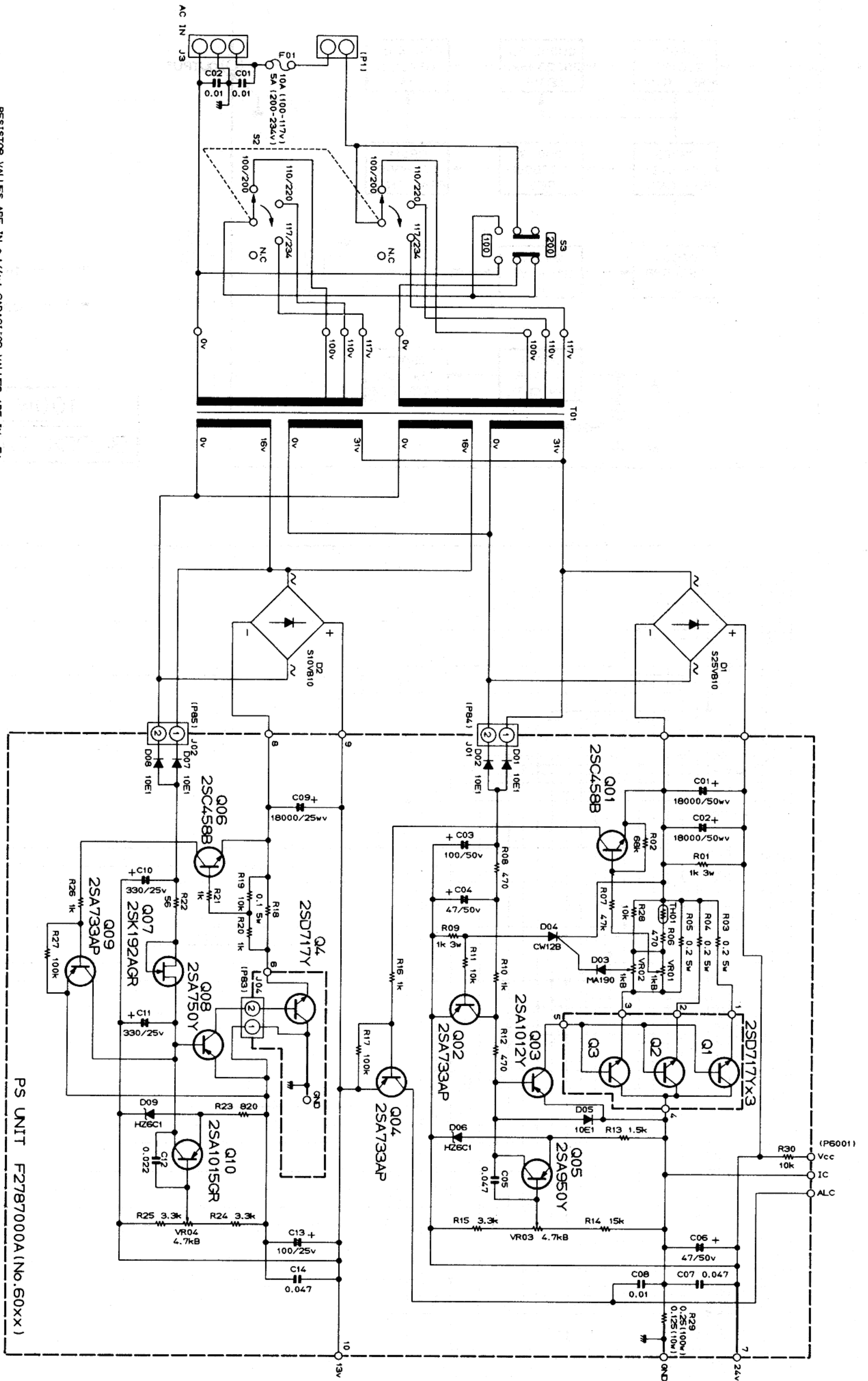
RESISTOR VALUES ARE IN  $\Omega$ ,  $\frac{1}{4}$ W; CAPACITOR VALUES ARE IN  $\mu$ F;  
 UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM, 50V.



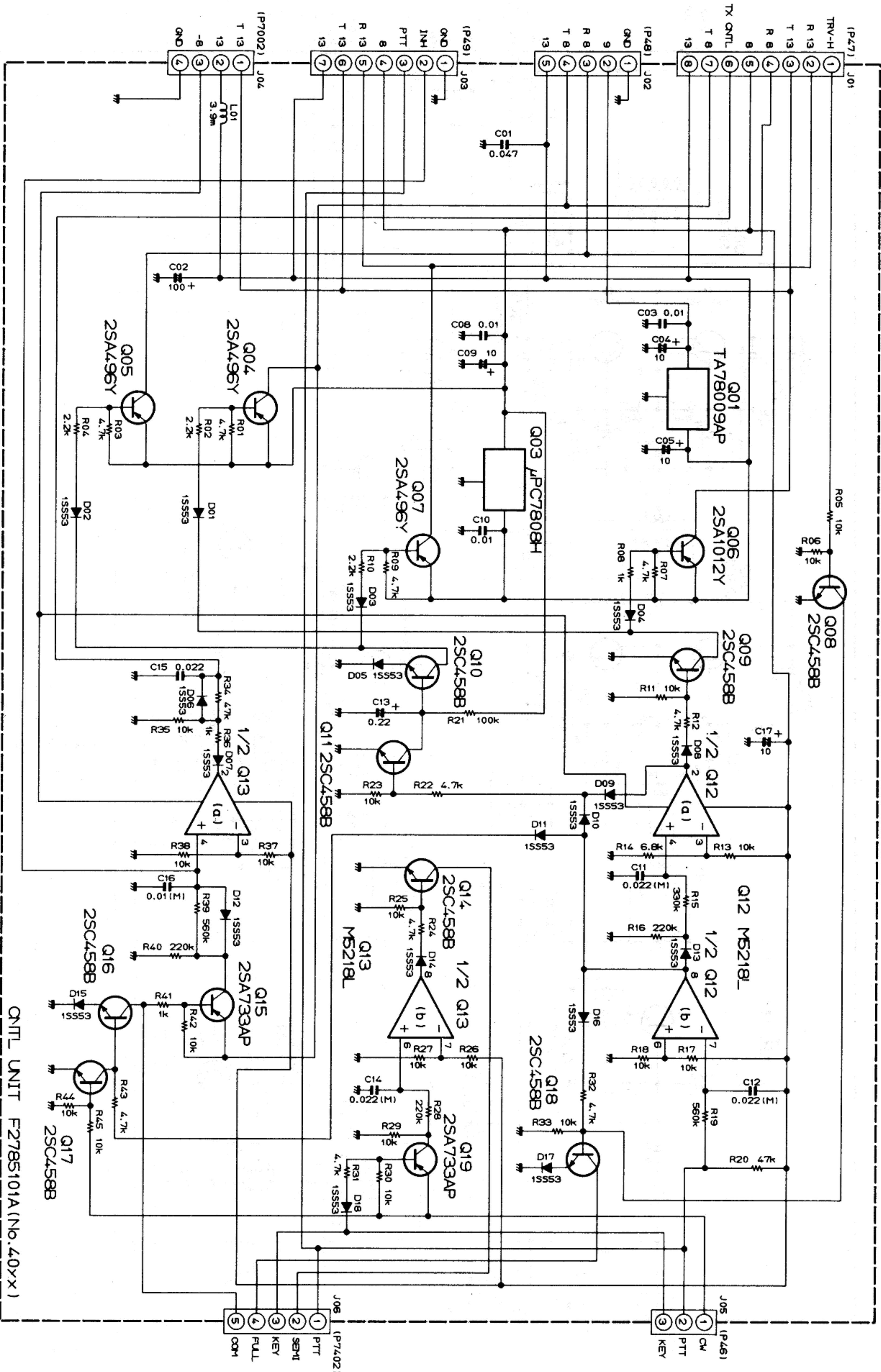
**FT-767GX**  
**CONNECTION DIAGRAM**



RESISTOR VALUES ARE IN  $\Omega$ ,  $\mu$ ,  $k$ ,  $M$ ; CAPACITOR VALUES ARE IN  $\mu$ F;  
UNLESS OTHERWISE NOTED.

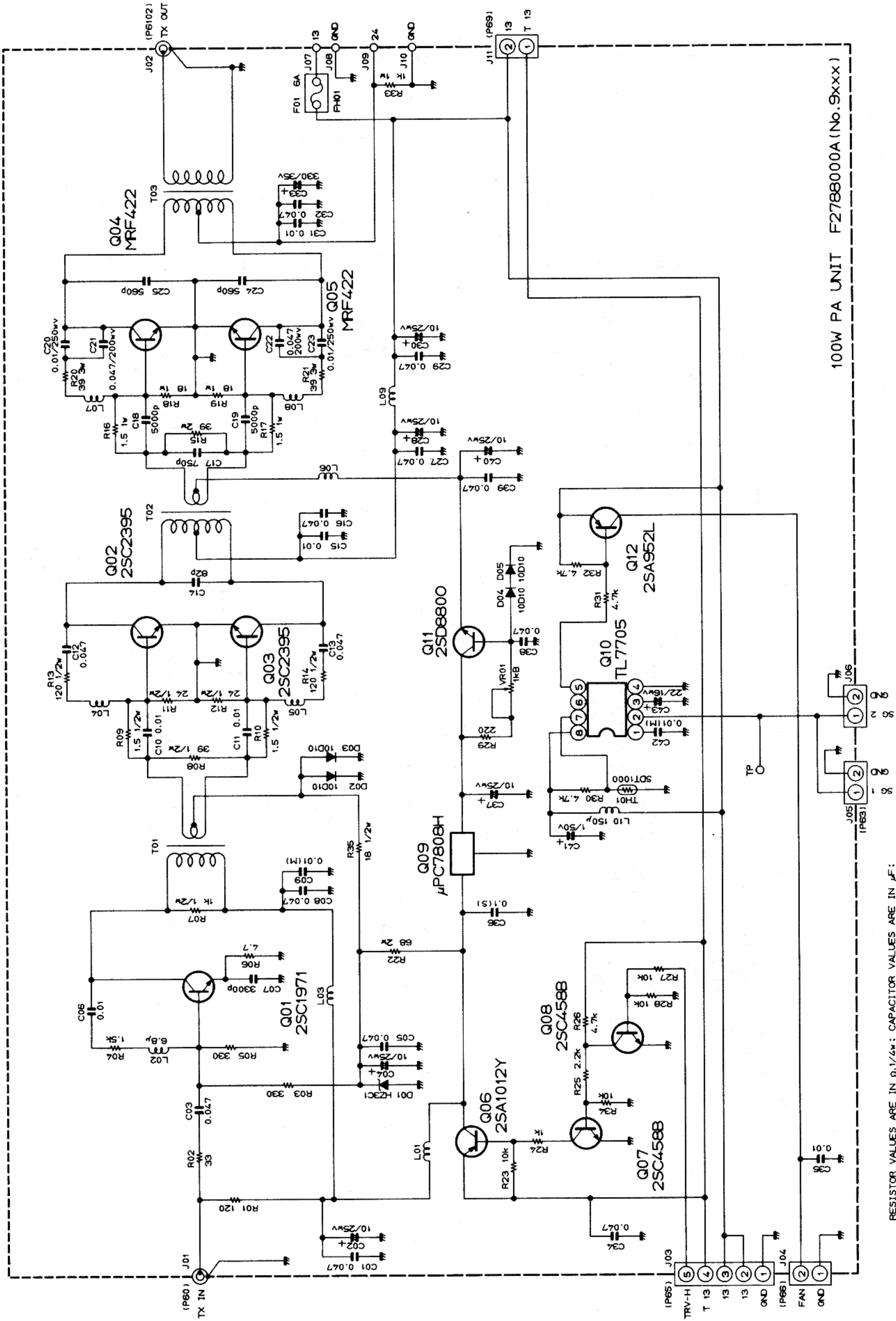


PS UNIT F2787000A (No. 60X)



RESISTOR VALUES ARE IN  $\Omega$ ,  $\mu$ ,  $k$ : CAPACITOR VALUES ARE IN  $\mu$ F:  
 AND INDUCTOR VALUES ARE IN H: UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM 50V.

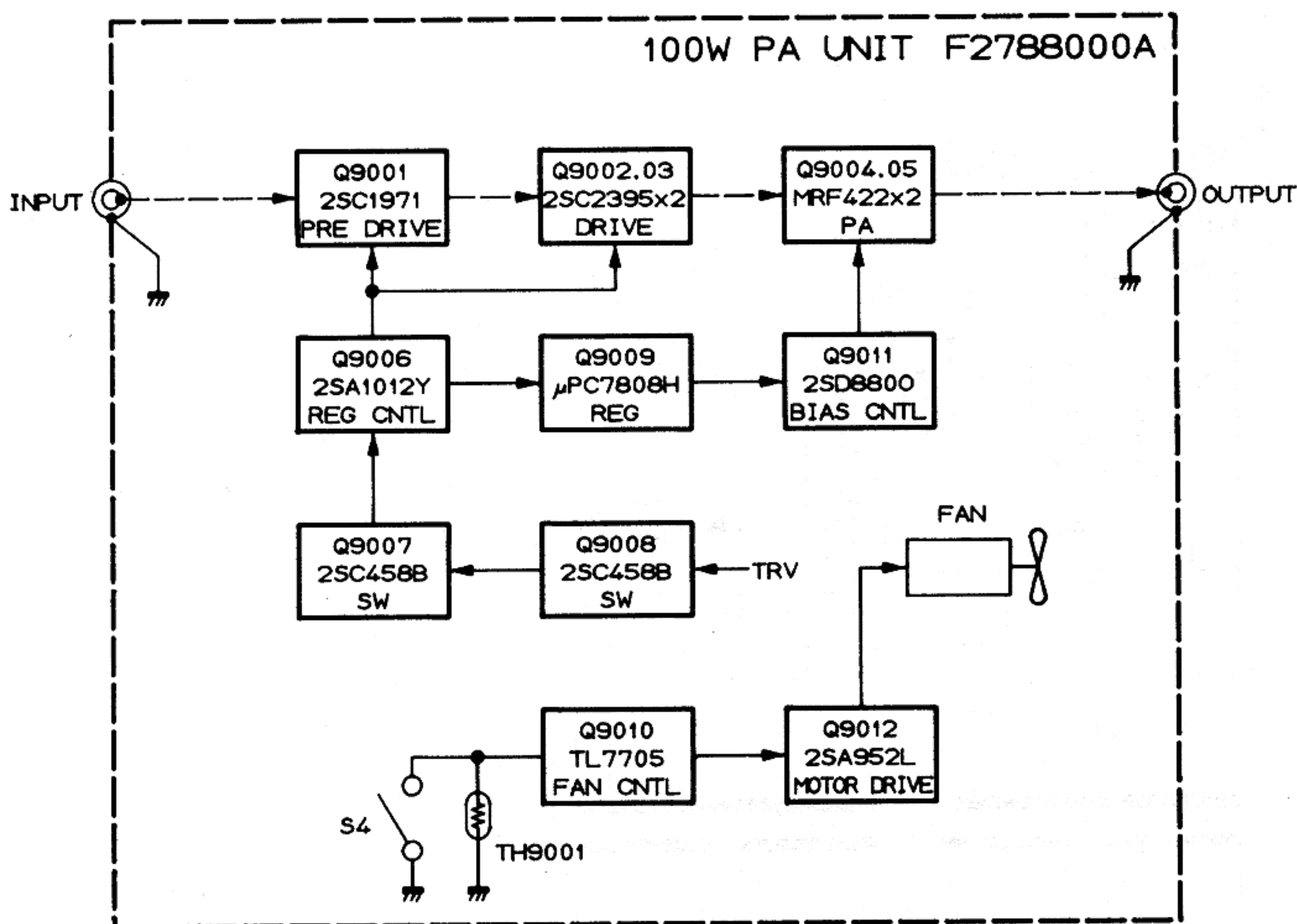
QNTL UNIT F2785101A (No. 407X)



100W PA UNIT F2788000A (No. 9xxx)

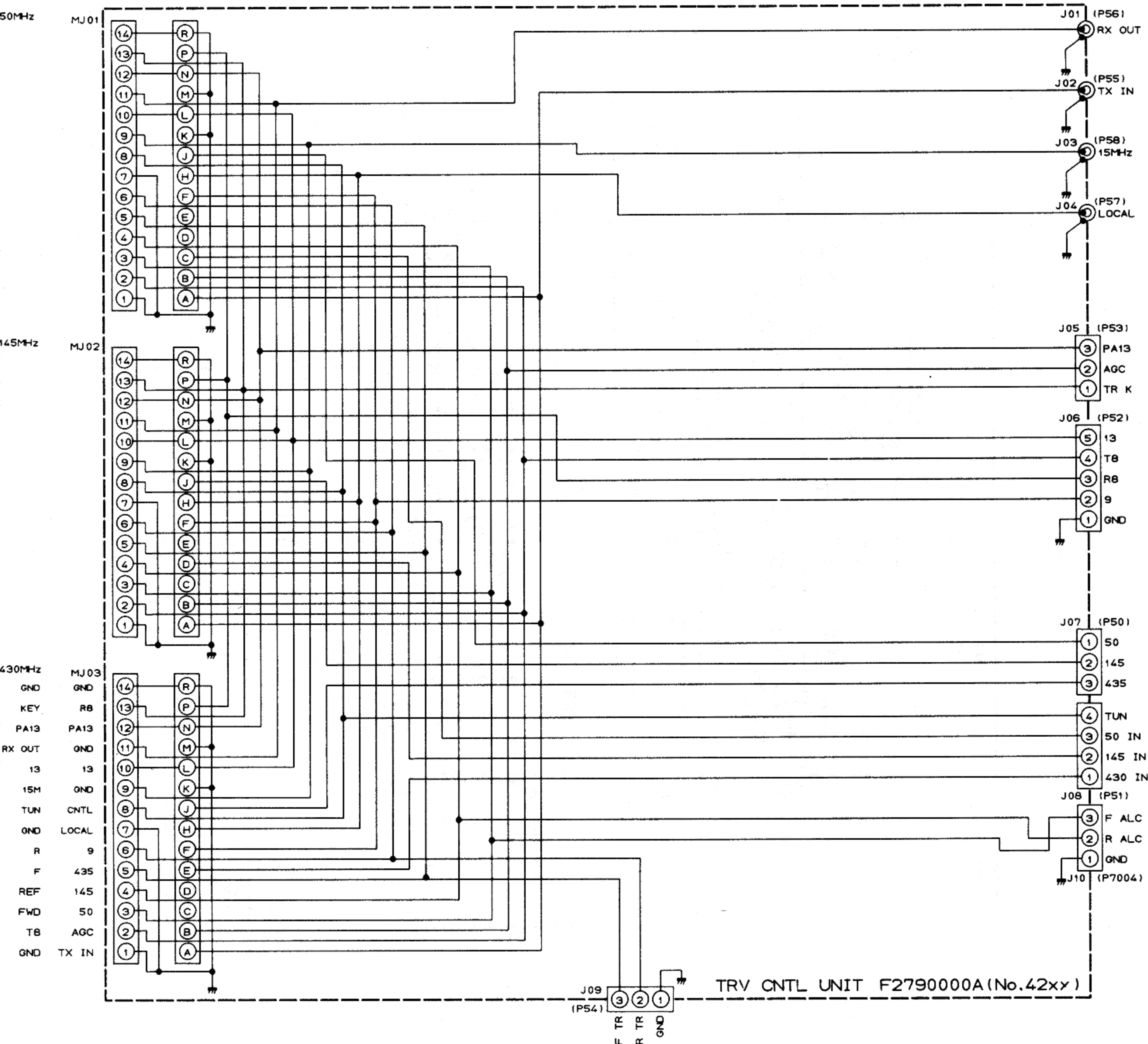
RESISTOR VALUES ARE IN  $\Omega$ , 1/4W; CAPACITOR VALUES ARE IN  $\mu$ F;  
 AND INDUCTOR VALUES ARE H; UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM.50WV.  
 (S) CAPACITORS ARE SEMICONDUCTOR CERAMIC.25WV.

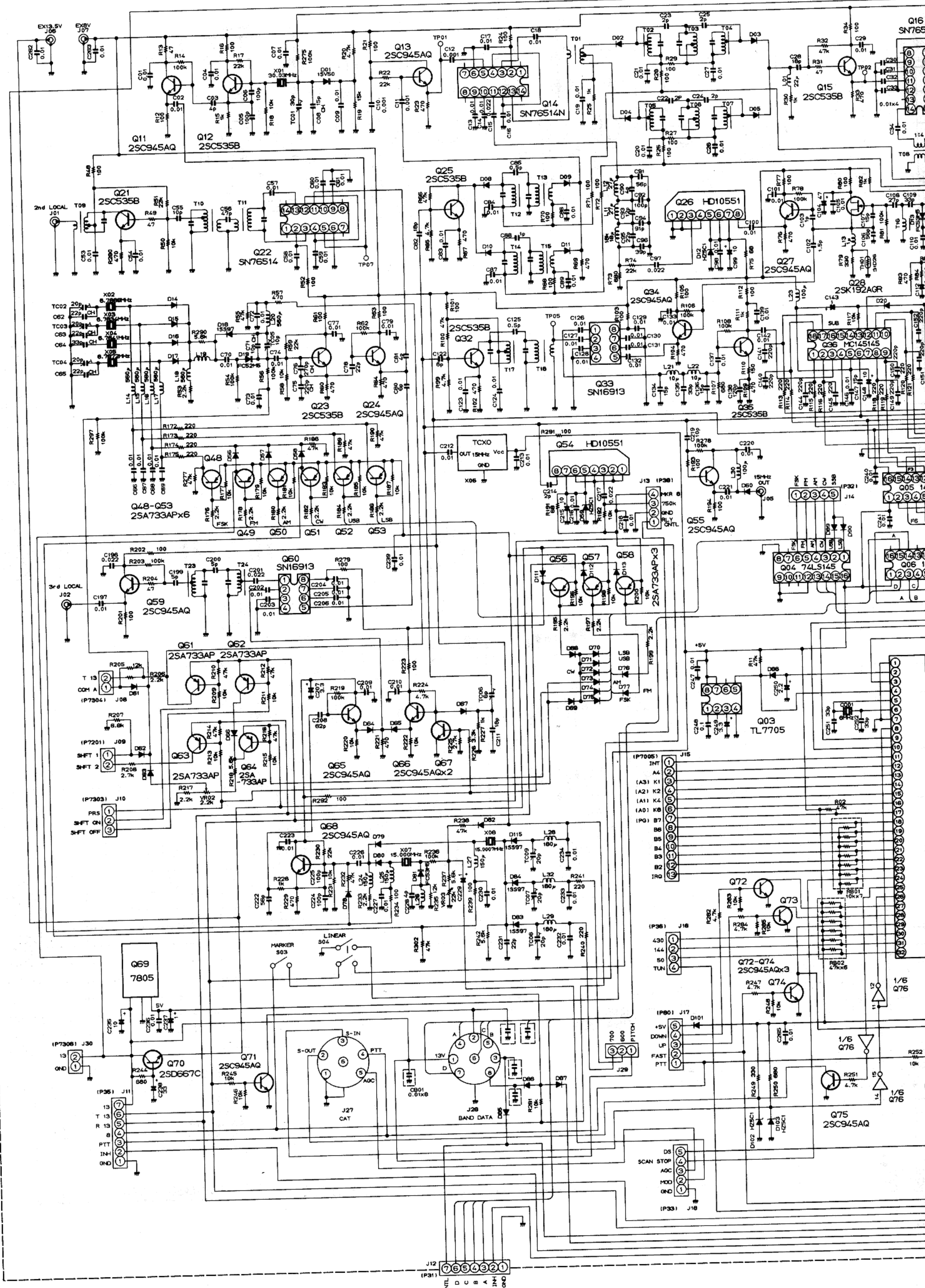
100W PA UNIT F2788000A



←--- TRANSMIT  
 ← CONTROL

**100W PA  
 BLOCK DIAGRAM**





EX13 5V  
J06

2nd LOCAL  
J01

3rd LOCAL  
J02

COM A  
IP73041 J08

SHIFT 1  
IP7201 J09

SHIFT 2  
IP7303 J10

PR5  
SHIFT OFF  
IP7303 J10

IP73061 J30

IP351 J11

IP351 J11

IP351 J11

IP351 J11

IP351 J11

IP351 J11

J12  
IP311  
CTRL  
D  
C  
B  
A  
INH  
AND

IP70051  
INT  
A4  
A3  
K1  
K2  
A2  
K3  
A1  
K4  
A0  
K5  
B7  
B6  
B5  
B4  
B3  
B2  
B1  
B0  
TUN

IP601 J17  
+5V  
DO  
LF  
FAST  
PTT

IP351 J18  
DS  
SCAN STOP  
AOC  
MOD  
AND

IP351 J18

1/6  
Q76

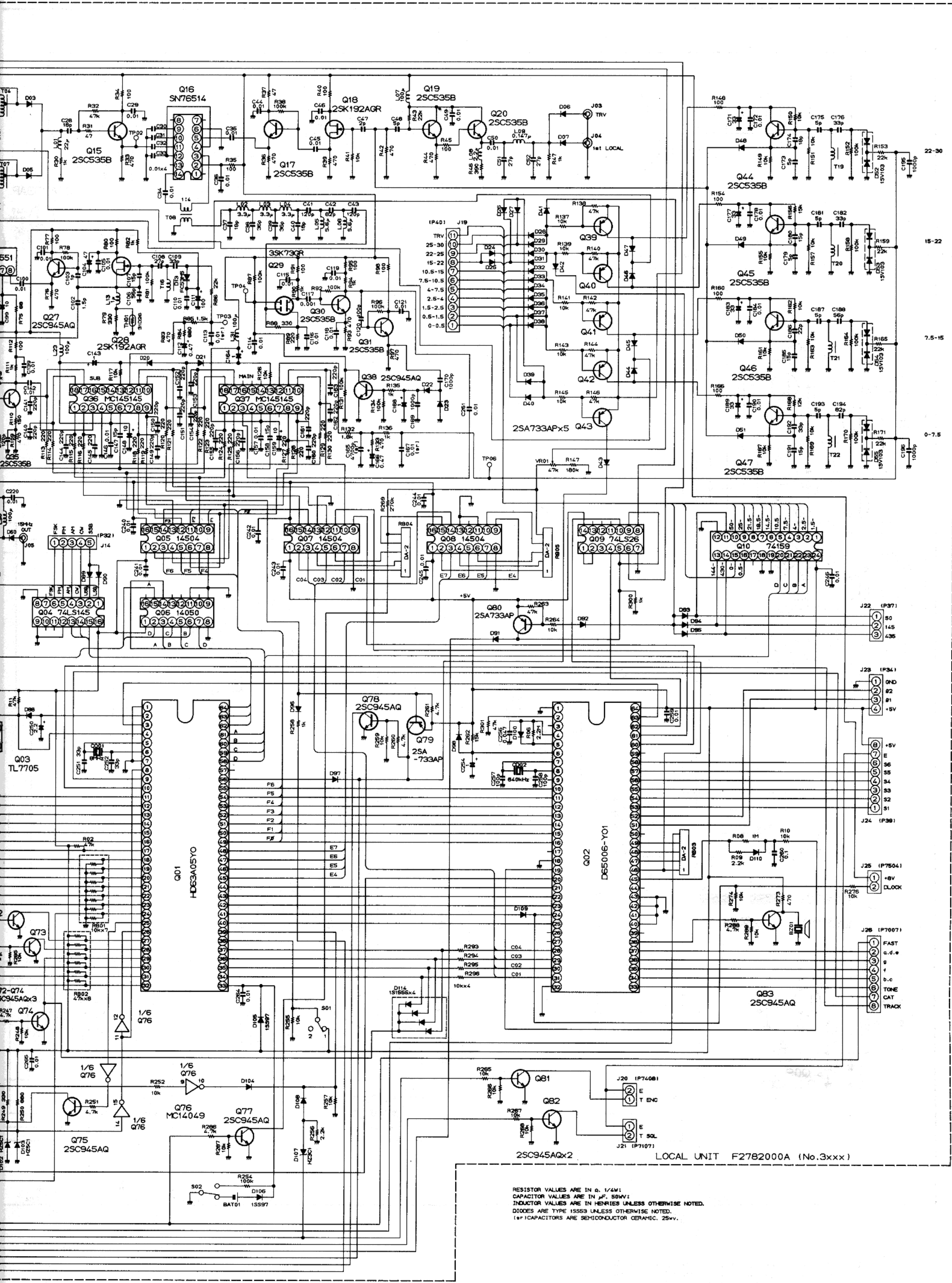
1/6  
Q76

1/6  
Q76

1/6  
Q76

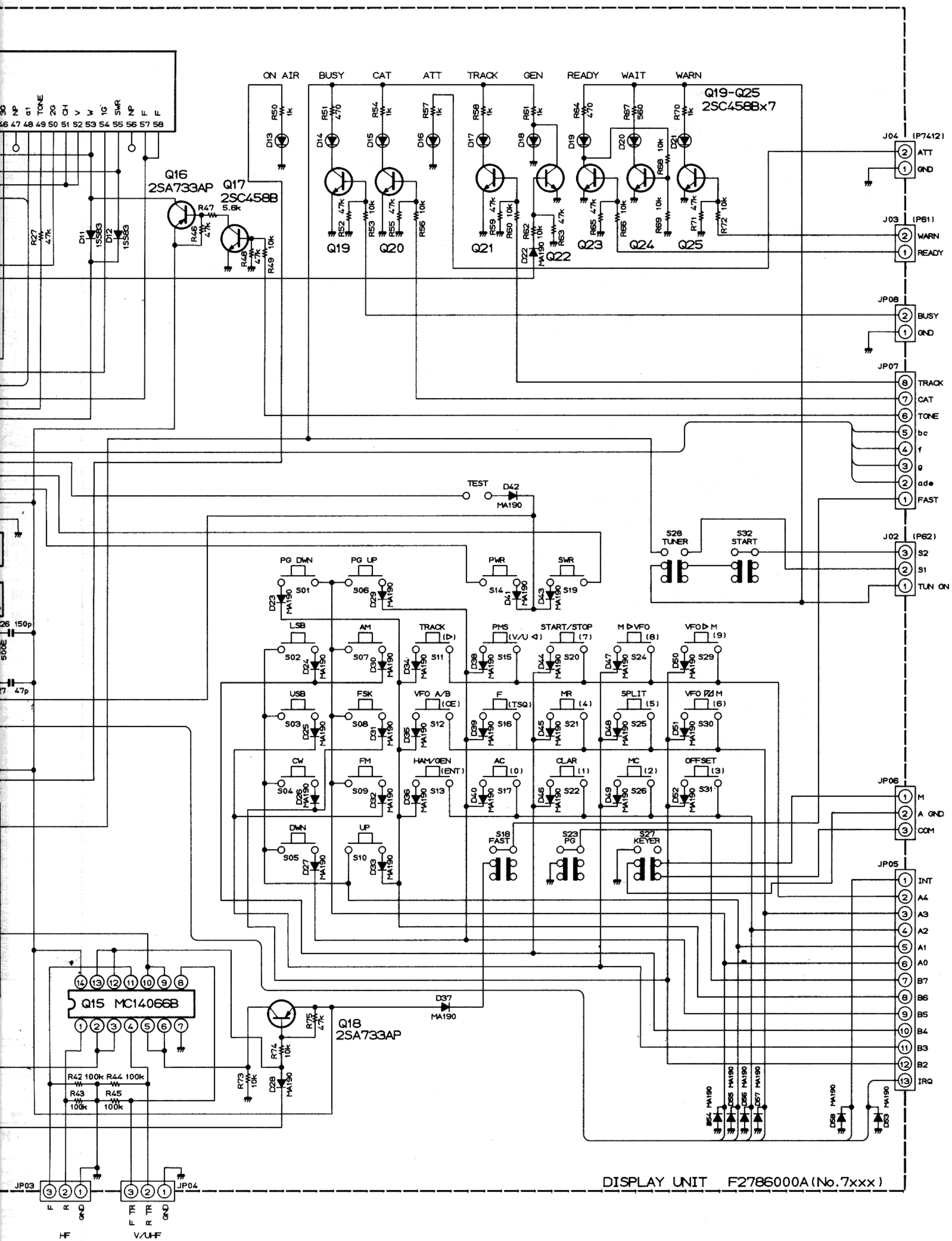
1/6  
Q76

1/6  
Q76



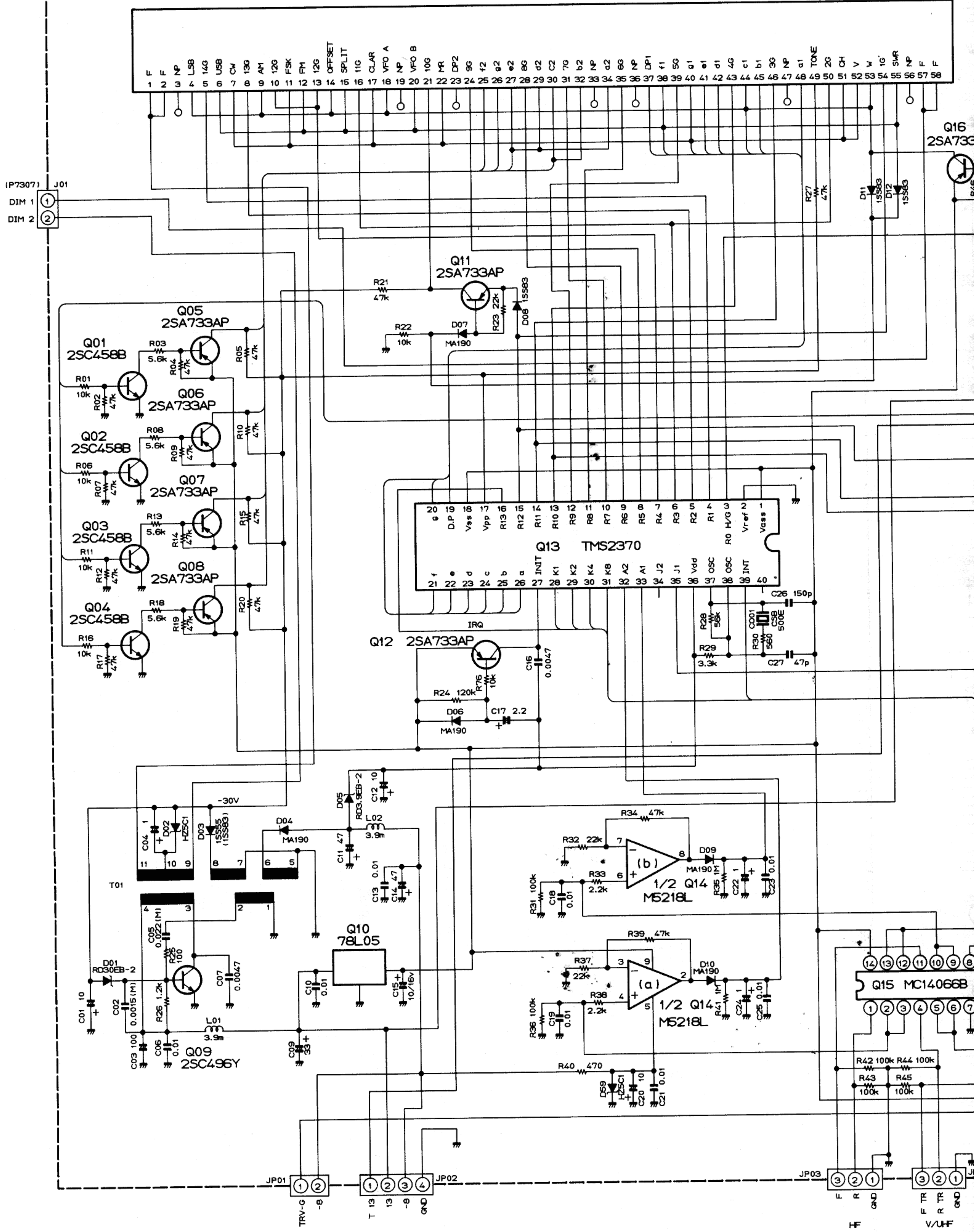
RESISTOR VALUES ARE IN  $\Omega$ , 1/4W;  
 CAPACITOR VALUES ARE IN  $\mu$ F, 50WV;  
 INDUCTOR VALUES ARE IN HENRIES UNLESS OTHERWISE NOTED.  
 DIODES ARE TYPE 1S553 UNLESS OTHERWISE NOTED.  
 (\*) CAPACITORS ARE SEMICONDUCTOR CERAMIC, 25V.

LOCAL UNIT F2782000A (No. 3xxx)



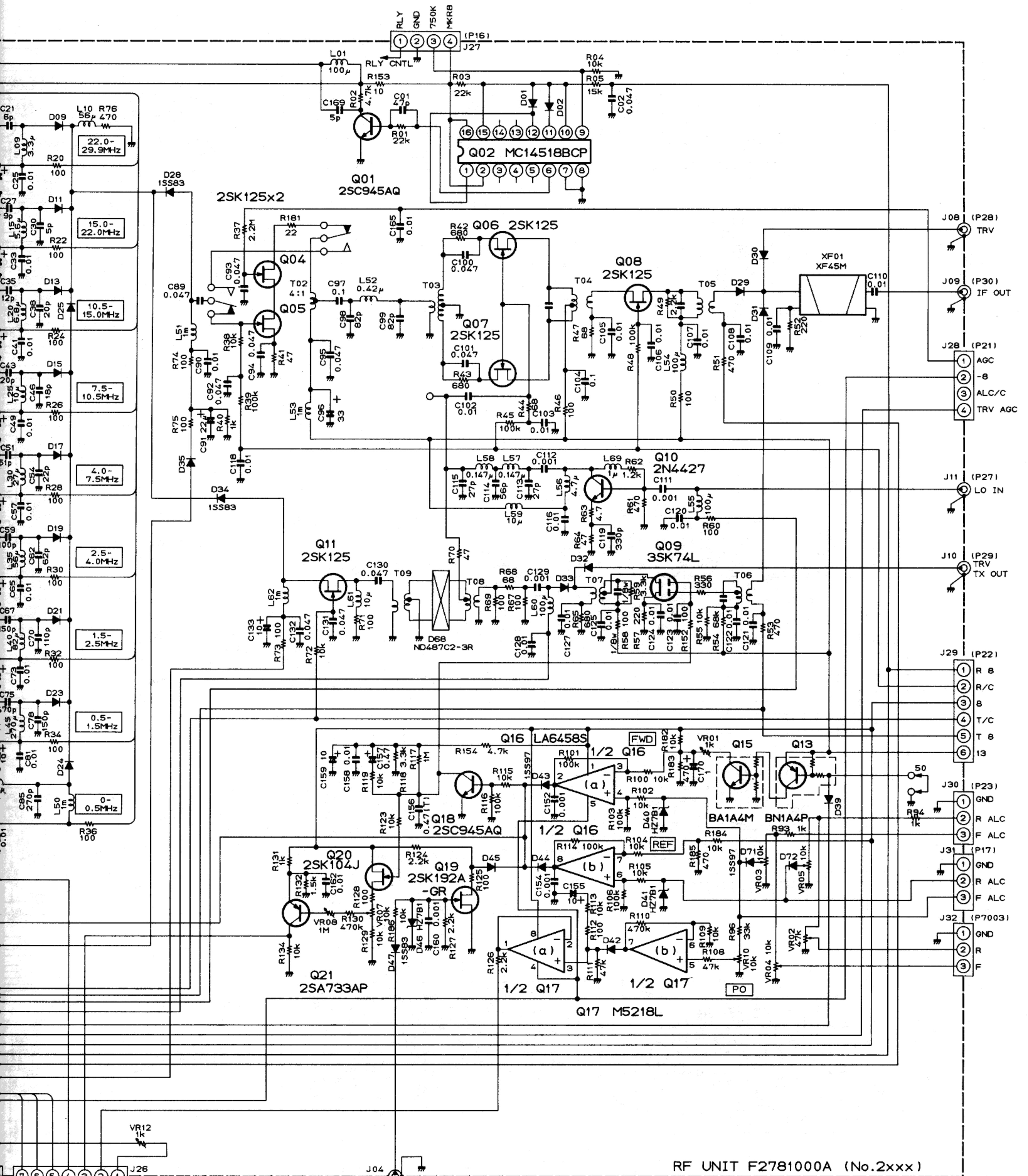
DISPLAY UNIT F2786000A (No.7xxx)

DS01



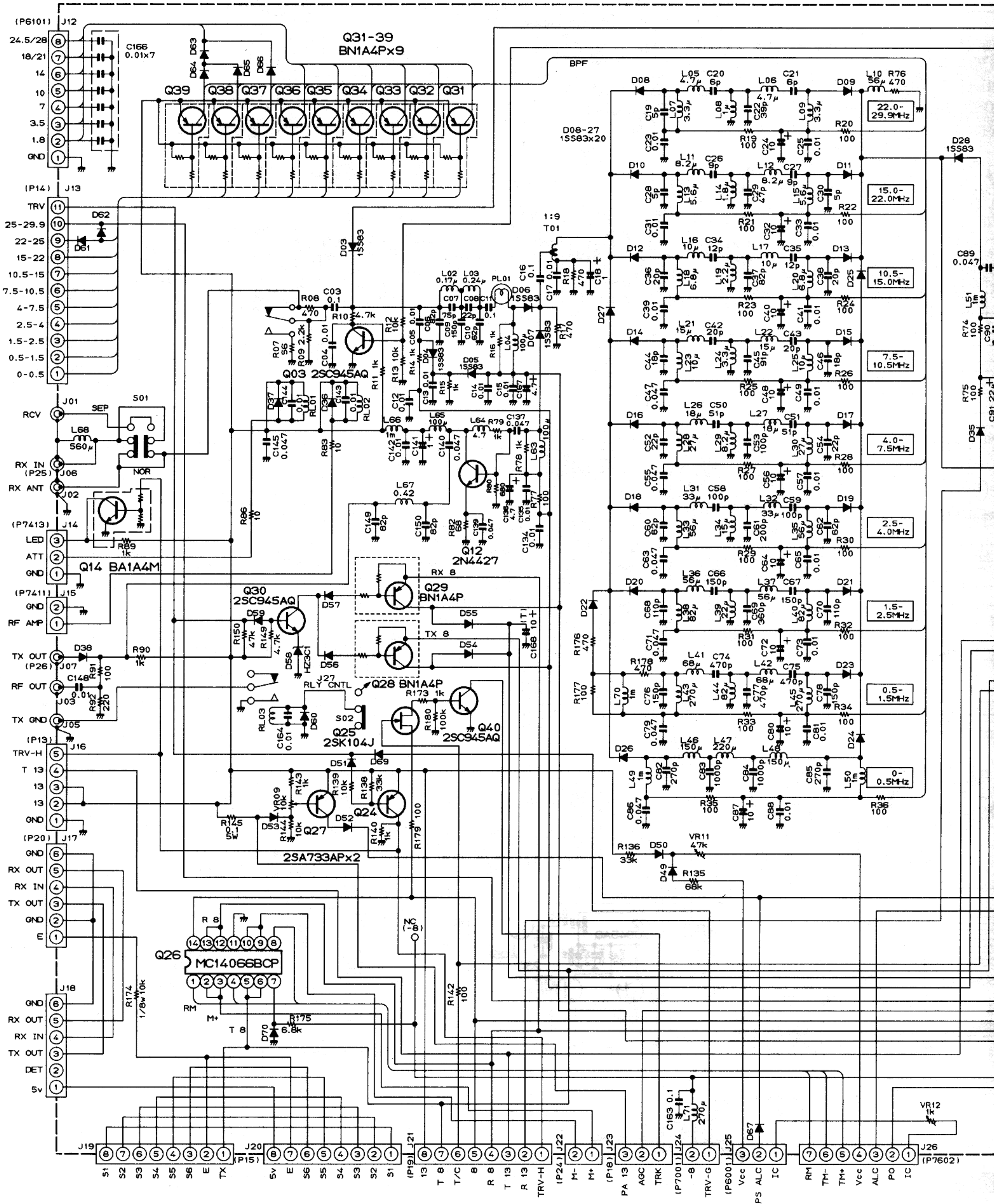
RESISTOR VALUES ARE IN  $\Omega$ , 1/4W; CAPACITOR VALUES ARE IN  $\mu$ F;  
 AND INDUCTOR VALUES ARE IN H; UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM, 50WV.

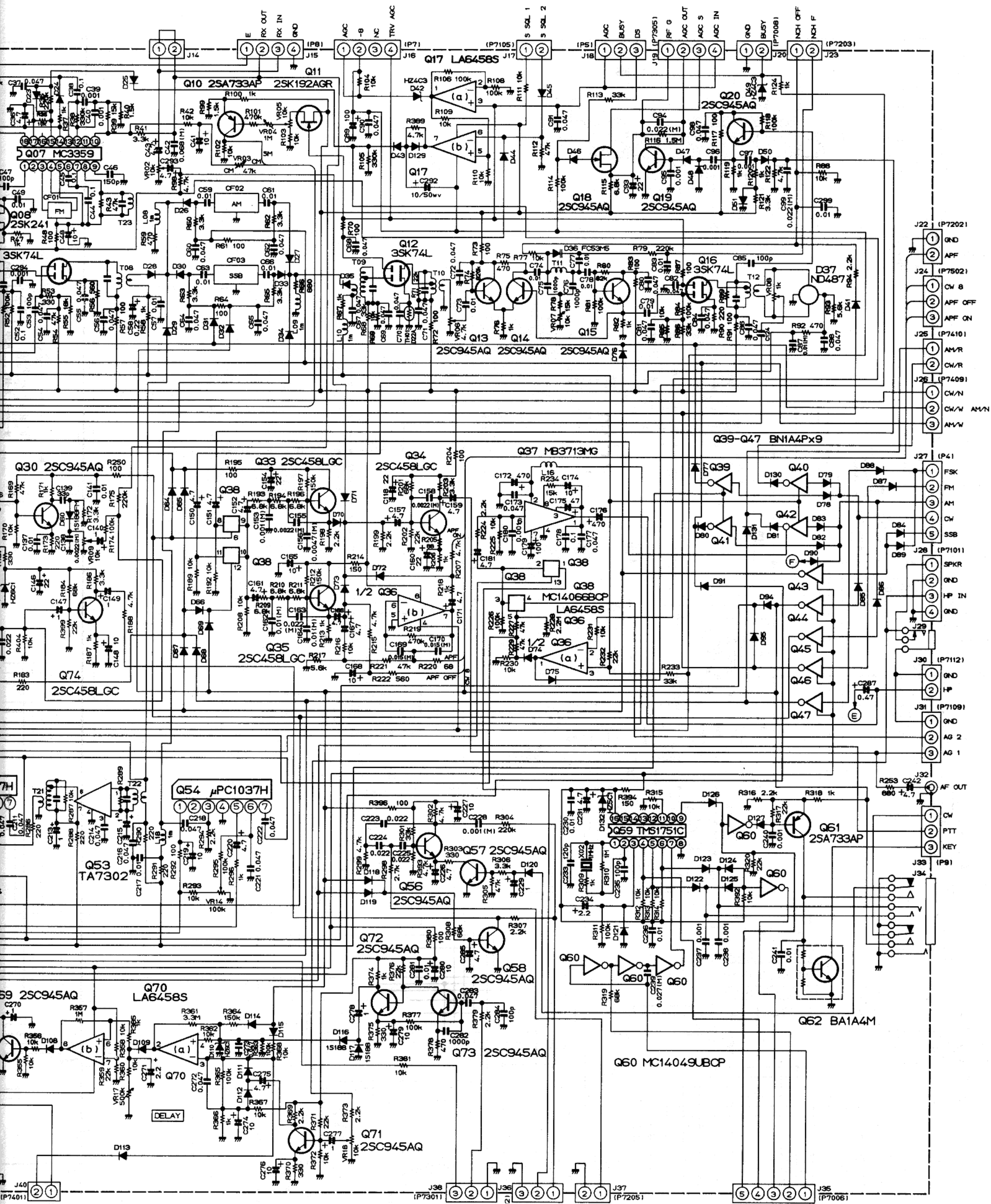




RF UNIT F2781000A (No.2xxx)

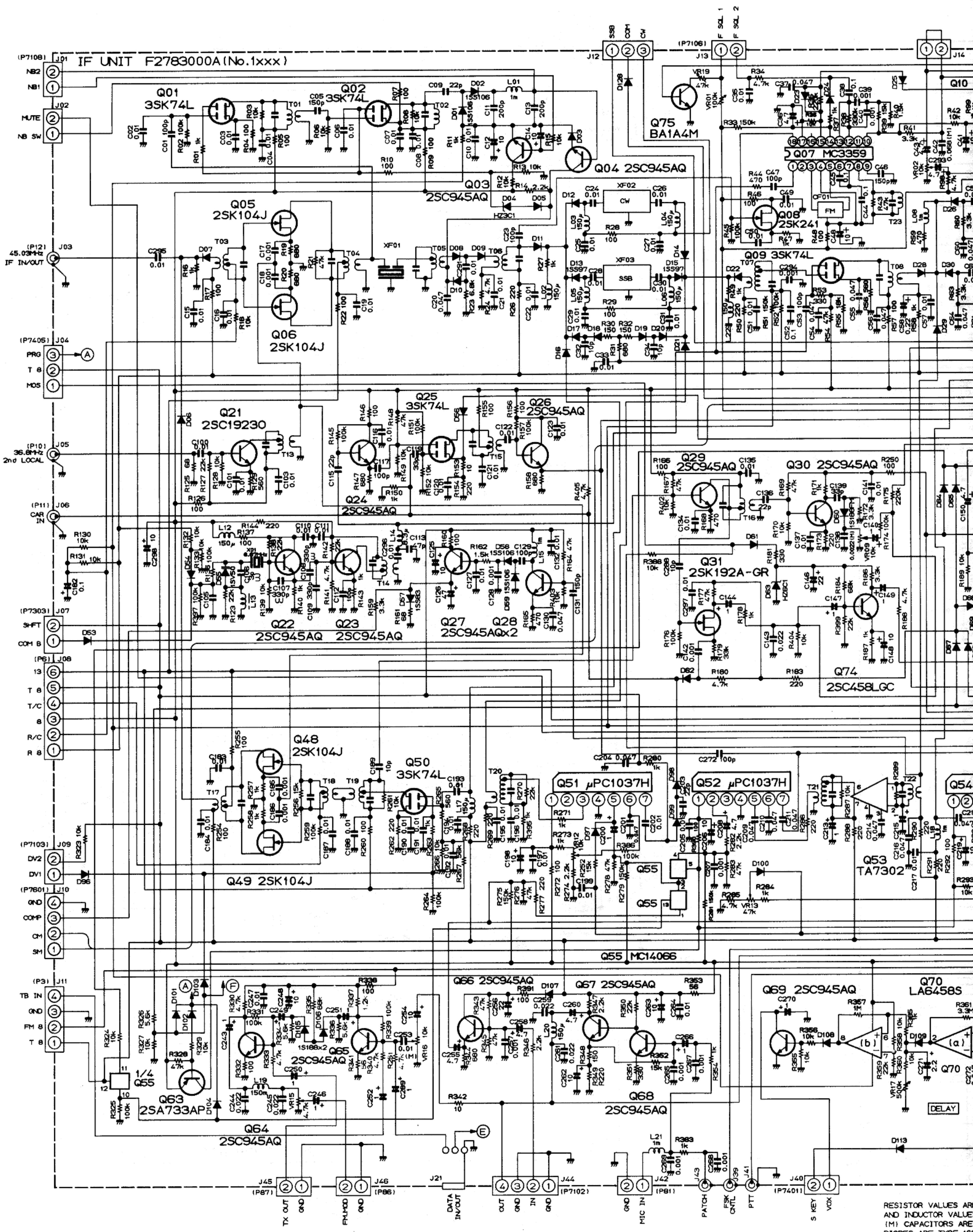
RESISTOR VALUES ARE IN  $\Omega$ , 1/4W;  
 CAPACITOR VALUES ARE IN  $\mu$ F; INDUCTOR VALUES ARE IN H;  
 UNLESS OTHERWISE NOTED.  
 DIODES ARE TYPE 1S553 UNLESS OTHERWISE NOTED.  
 (T) CAPACITORS ARE TANTALUM.16WV.



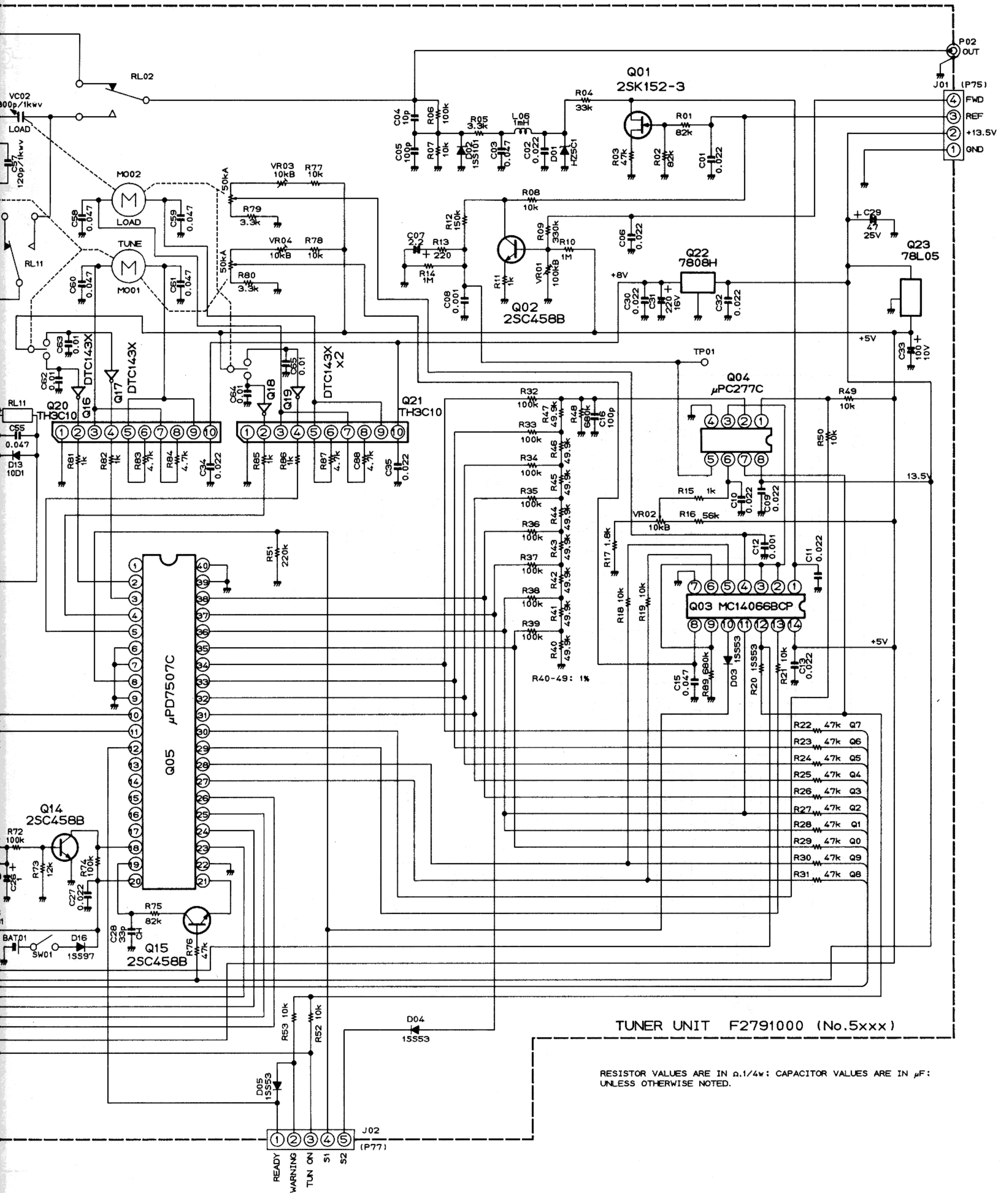


RESISTOR VALUES ARE IN  $\Omega$ ,  $\frac{1}{4}$ W; CAPACITOR VALUES ARE IN  $\mu$ F;  
 AND INDUCTOR VALUES ARE IN H; UNLESS OTHERWISE NOTED.  
 (M) CAPACITORS ARE POLYESTER FILM, 50WV.  
 DIODES ARE TYPE 1S553 UNLESS OTHERWISE NOTED.

J22 (P7202) 1 GND 2 APF  
 J24 (P7502) 1 CW 8 2 APF OFF 3 APF ON  
 J26 (P7410) 1 AM/R 2 CW/R  
 J28 (P7409) 1 CW/N 2 CW/W 3 AM/W  
 J27 (P41) 1 FSK 2 FM 3 AM 4 CW 5 SSB  
 J28 (P7101) 1 SPKR 2 GND 3 HP IN 4 GND  
 J30 (P7112) 1 GND 2 HP  
 J31 (P7109) 1 GND 2 AG 2 3 AG 1  
 J32 (P7203) 1 AF OUT 2 CW 3 PTT 4 KEY  
 J34 (P7401) 1 S KEY 2 VOX  
 J38 (P7301) 1 VG 1 2 VG 2 3 GND  
 J36 (P7302) 1 GND 2 MONI 2 3 MONI 1  
 J37 (P7205) 1 GND 2 PITCH  
 J35 (P7006) 1 CCK 2 A 3 N 4 KS 2 5 KS 1



RESISTOR VALUES ARE  
AND INDUCTOR VALUES  
(M) CAPACITORS ARE  
DIODES ARE TYPE 1SS



P02 OUT  
 J01 (P75)  
 ④ FWD  
 ③ REF  
 ② +13.5V  
 ① GND

J02 (P77)  
 ① READY  
 ② WARNING  
 ③ TUN ON  
 ④ S1  
 ⑤ S2

- R22 47k Q7
- R23 47k Q6
- R24 47k Q5
- R25 47k Q4
- R26 47k Q3
- R27 47k Q2
- R28 47k Q1
- R29 47k Q0
- R30 47k Q9
- R31 47k Q8

- R32 100k
  - R33 100k
  - R34 100k
  - R35 100k
  - R36 100k
  - R37 100k
  - R38 100k
  - R39 100k
  - R40 49.9k
  - R41 49.9k
  - R42 49.9k
  - R43 49.9k
  - R44 49.9k
  - R45 49.9k
  - R46 49.9k
  - R47 49.9k
  - R48 680k
  - R49 10k
- R40-49: 1%

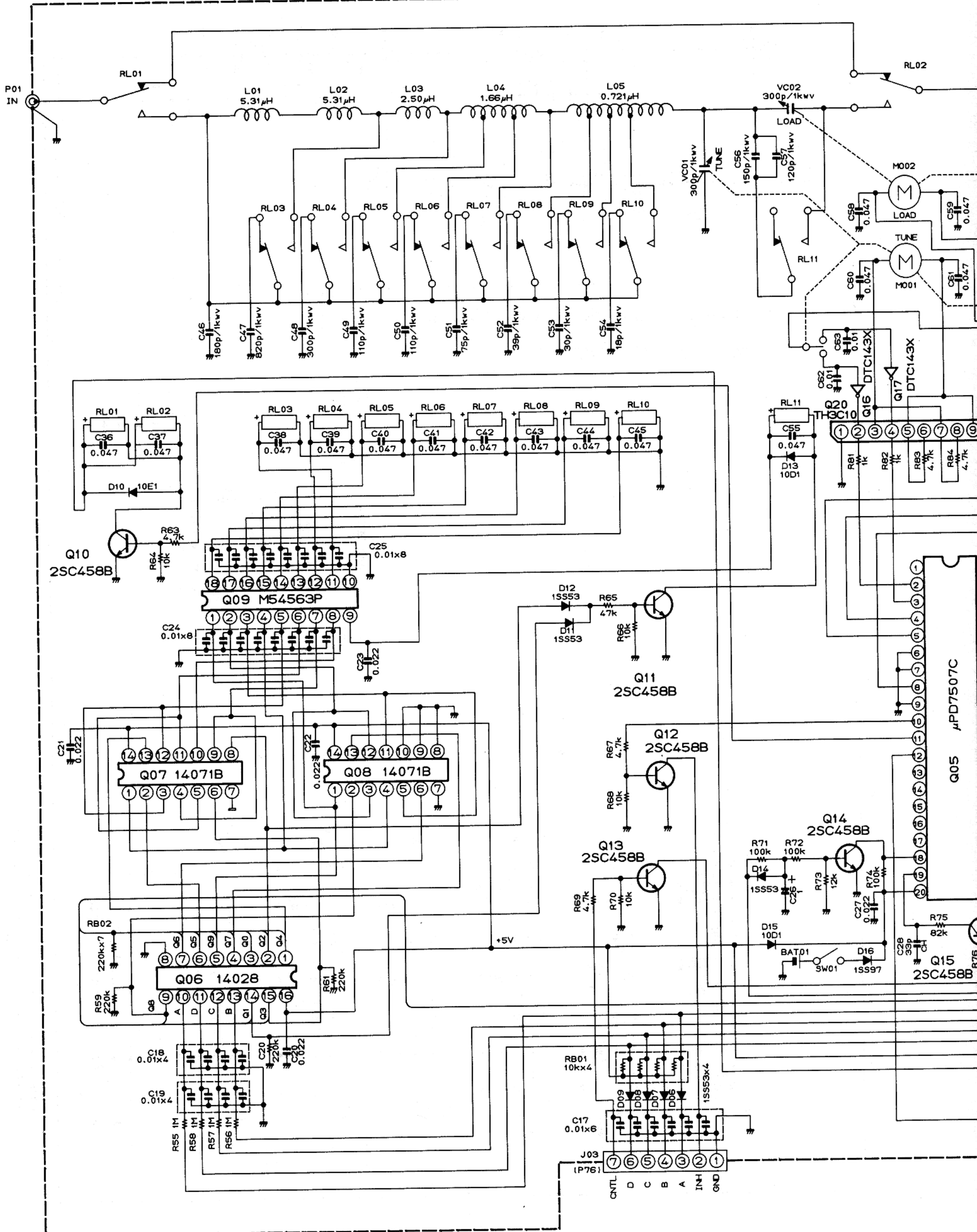
M002 LOAD  
 M001 TUNE

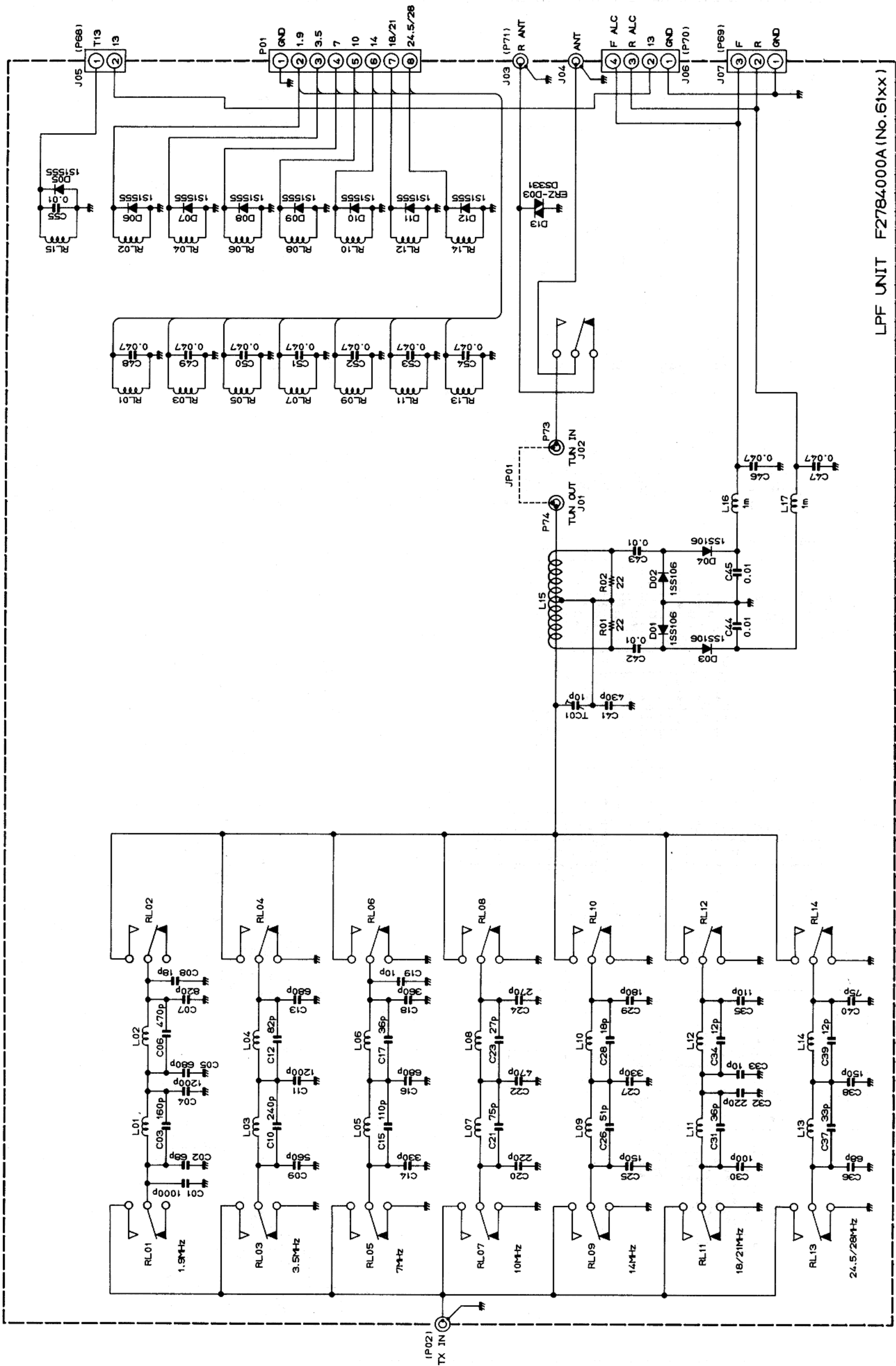
VC02  
 100p/1kw  
 LOAD

BAT01 SW01  
 D16 15597

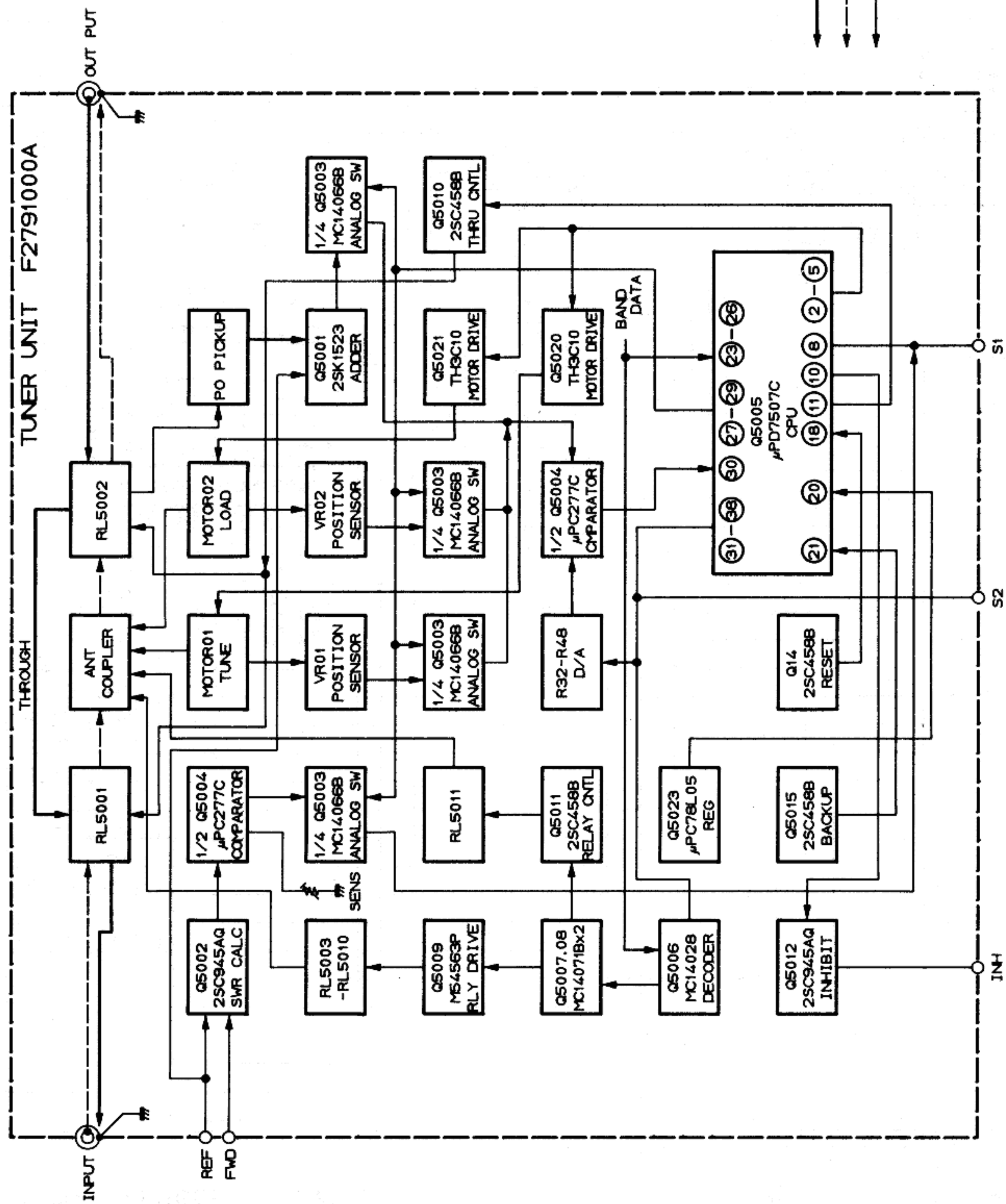
TUNER UNIT F2791000 (No. 5xxx)

RESISTOR VALUES ARE IN Ω, 1/4w; CAPACITOR VALUES ARE IN μF; UNLESS OTHERWISE NOTED.





RESISTOR VALUES ARE IN  $\Omega$ ,  $\mu$ ,  $k\Omega$ ,  $M\Omega$ ; CAPACITOR VALUES ARE IN  $\mu F$ ,  $nF$ ,  $pF$ ; AND INDUCTOR VALUES ARE IN H; UNLESS OTHERWISE NOTED.



— RECEIVE  
 - - - TRANSMIT  
 . . . CONTROL

