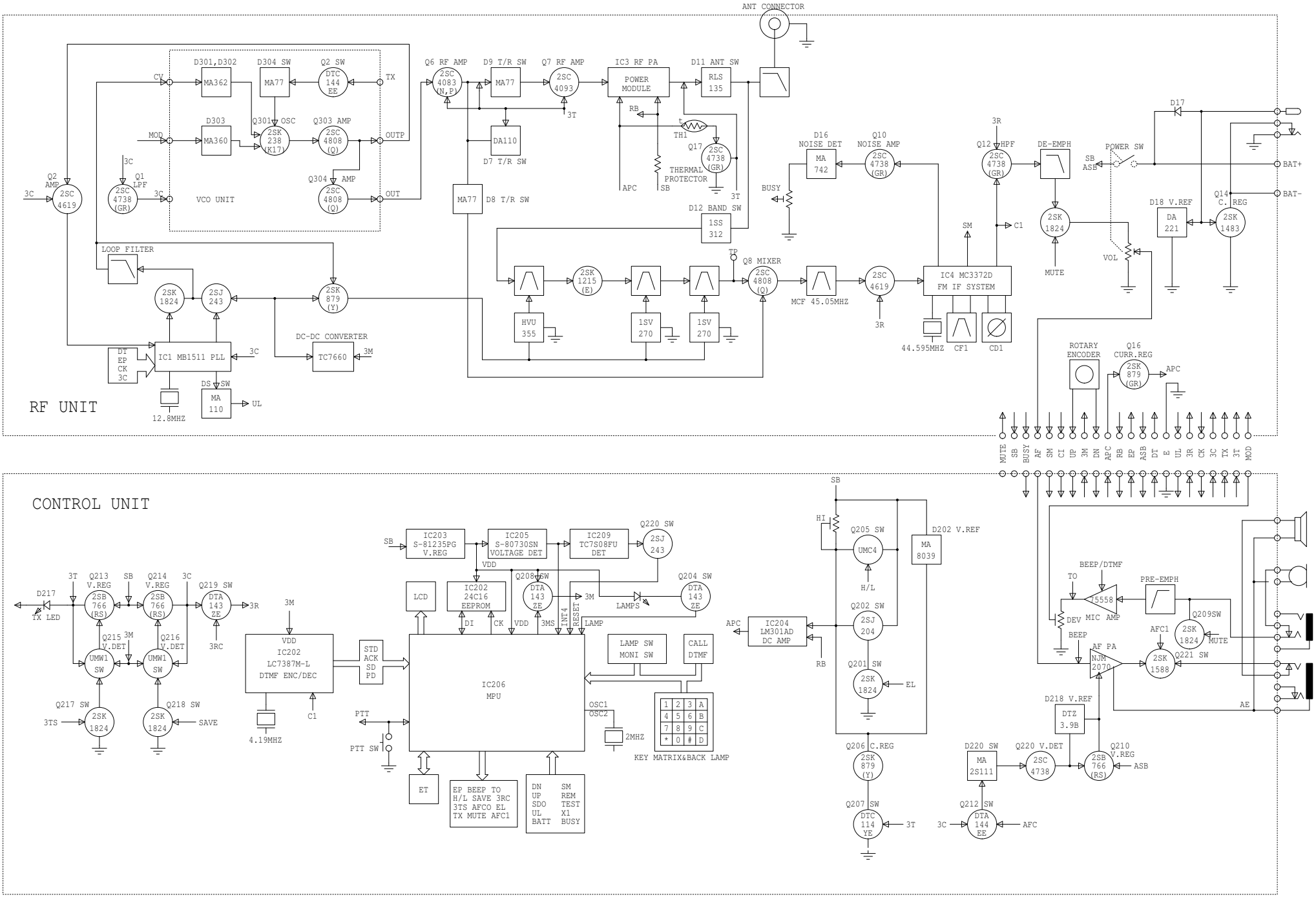
RF UNIT
CONTROL UNIT
ANT CONNECTOR
D301,D302
MA362
D304 SW
MA77
Q2 SW
DTC 144 EE
TX
CV
MOD
D303
MA360
Q301 OSC
2SK 238 (K17)
Q303 AMP
2SC 4808 (Q)
OUTP
Q304 AMP
2SC 4808 (Q)
OUT
Q1 LPF
2SC 4738 (GR)
Q2 AMP
2SC 4619
VCO UNIT
LOOP FILTER
2SK 1824
2SJ 243
2SK 879 (Y)
IC1 MB1511 PLL
DT EP CK 3C
12.8MHZ
DS SW
MA 110
UL
DC-DC CONVERTER
TC7660
Q6 RF AMP
2SC 4083 (N,P)
D9 T/R SW
MA77
Q7 RF AMP
2SC 4093
IC3 RF PA
POWER MODULE
D11 ANT SW
RLS 135
DA110
D7 T/R SW
MA77 D8 T/R SW
TH1
Q17
2SC 4738 (GR)
THERMAL PROTECTOR
D12 BAND SW
1SS 312
2SK 1215 (E)
HVU 355
1SV 270
1SV 270
Q8 MIXER
2SC 4808 (Q)
MCF 45.05MHZ
2SC 4619
IC4 MC3372D FM IF SYSTEM
44.595MHZ
CF1
CD1
D16 NOISE DET
MA 742
Q10 NOISE AMP
2SC 4738 (GR)
BUSY
Q12 HPF
2SC 4738 (GR)
DE-EMPH
2SK 1824
MUTE
POWER SW
VOL
D17
BAT+
BAT-
Q14 C.REG
2SK 1483
D18 V.REF
DA 221
ROTARY ENCODER
Q16 CURR.REG
2SK 879 (GR)
APC
MUTE SB BUSY AF SM CI UP 3M DN APC RB EP ASB DT E UL 3R CK 3C TX 3T MOD
D217
TX LED
Q213 V.REG
2SB 766 (RS)
Q214 V.REG
2SB 766 (RS)
Q219 SW
DTA 143 ZE
Q215 V.DET
Q216 V.DET
UMW1 SW
Q217 SW
2SK 1824
Q218 SW
2SK 1824
SAVE
VDD
IC202 LC7387M-L DTMF ENC/DEC
4.19MHZ
STD ACK SD PD
IC203 S-81235PG V.REG
IC205 S-80730SN VOLTAGE DET
IC209 TC7S08FU DET
Q220 SW
2SJ 243
LCD
IC202 24C16 EEPROM
Q208 SW
DTA 143 ZE
Q204 SW
DTA 143 ZE
LAMPS
LAMP SW MONI SW
CALL DTMF
IC206 MPU
OSC1 OSC2
2MHZ
PTT
PTT SW
KEY MATRIX&BACK LAMP
ET
EP BEEP TO H/L SAVE 3RC 3TS AFCO EL TX MUTE AFC1
DN UP SDO UL BATT
SM REM TEST X1 BUSY
Q205 SW
UMC4
D202 V.REF
MA 8039
Q202 SW
2SJ 204
Q201 SW
2SK 1824
IC204 LM301AD DC AMP
Q206 C.REG
2SK 879 (Y)
Q207 SW
DTC 114 YE
BEEP/DTMF
PRE-EMPH
TC 15558 MIC AMP
Q209SW
2SK 1824
AF PA
NJM 2070
Q221 SW
2SK 1588
D218 V.REF
DTZ 3.9B
D220 SW
MA 2S111
Q220 V.DET
2SC 4738
Q210 V.REG
2SB 766 (RS)
Q212 SW
DTA 144 EE
AFC

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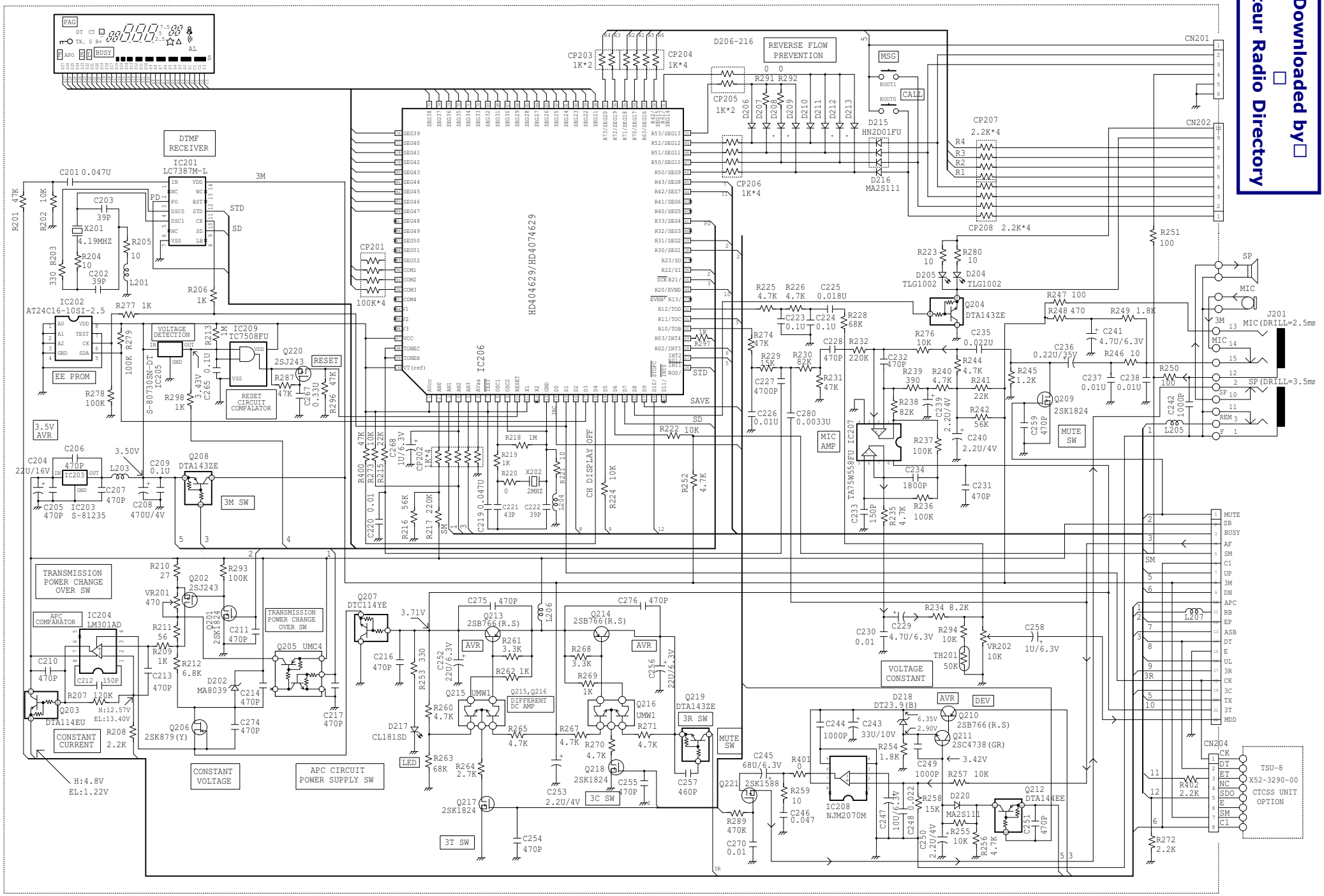
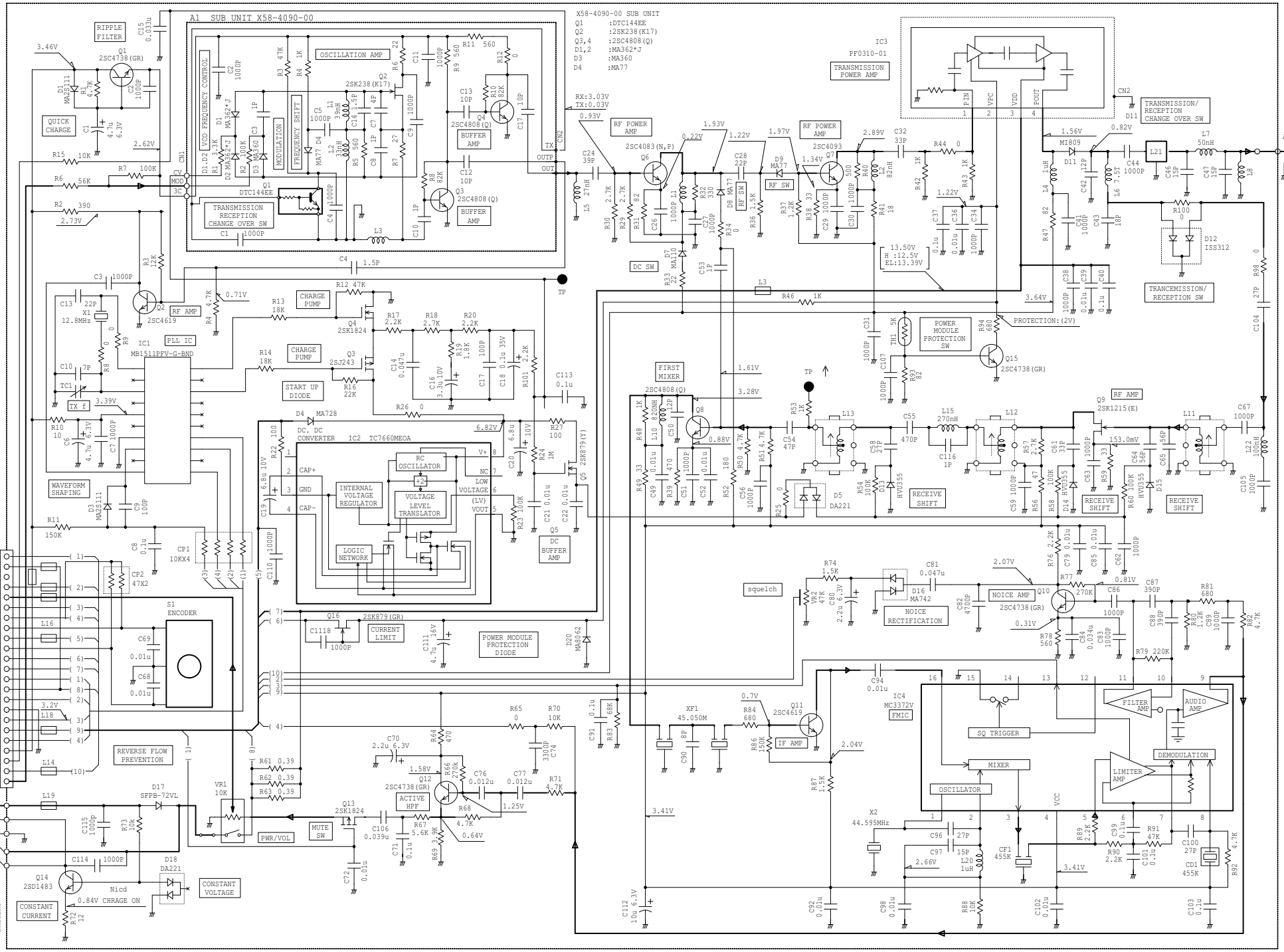
TX-RX UNIT X57-437X-XX(A/4)