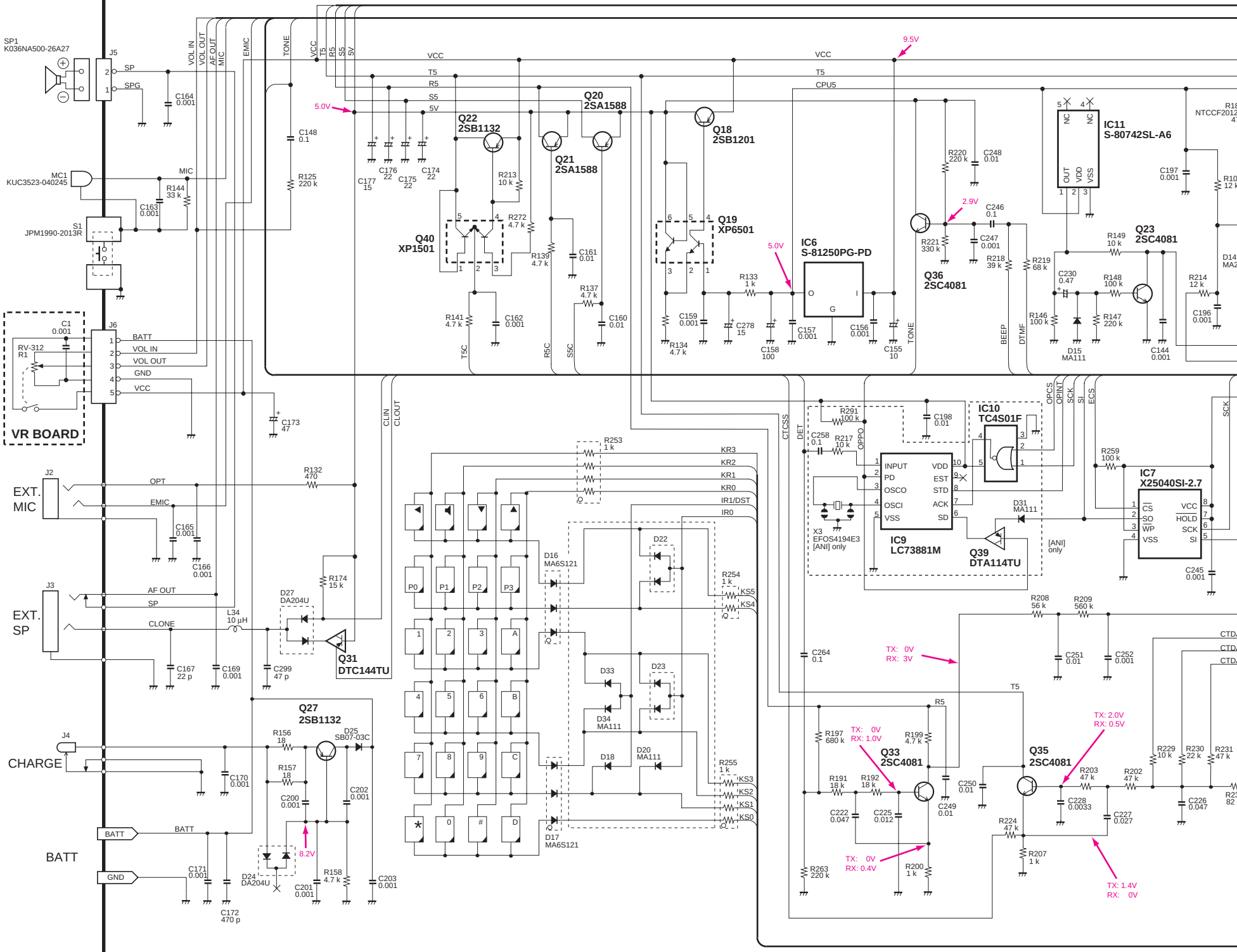
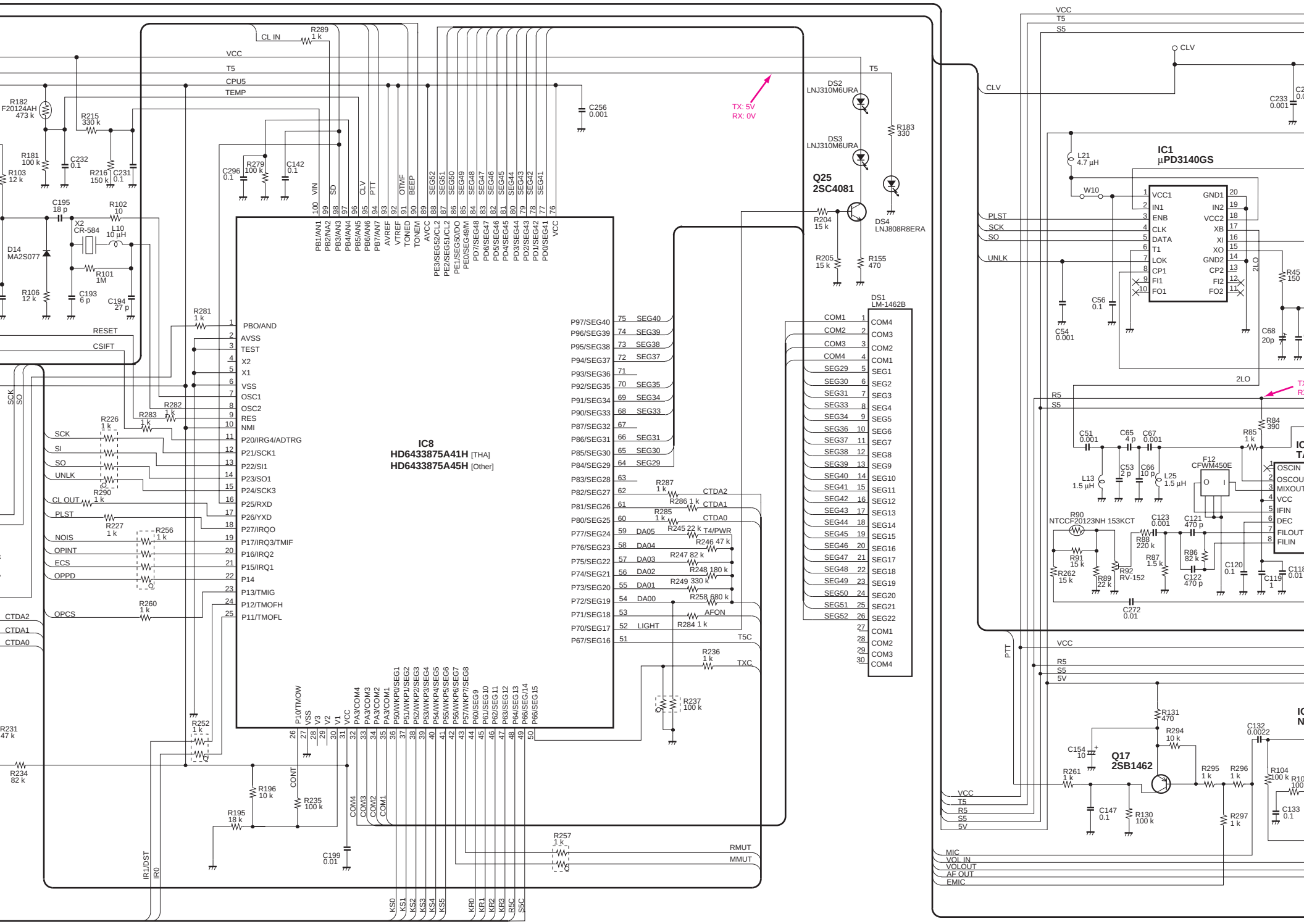
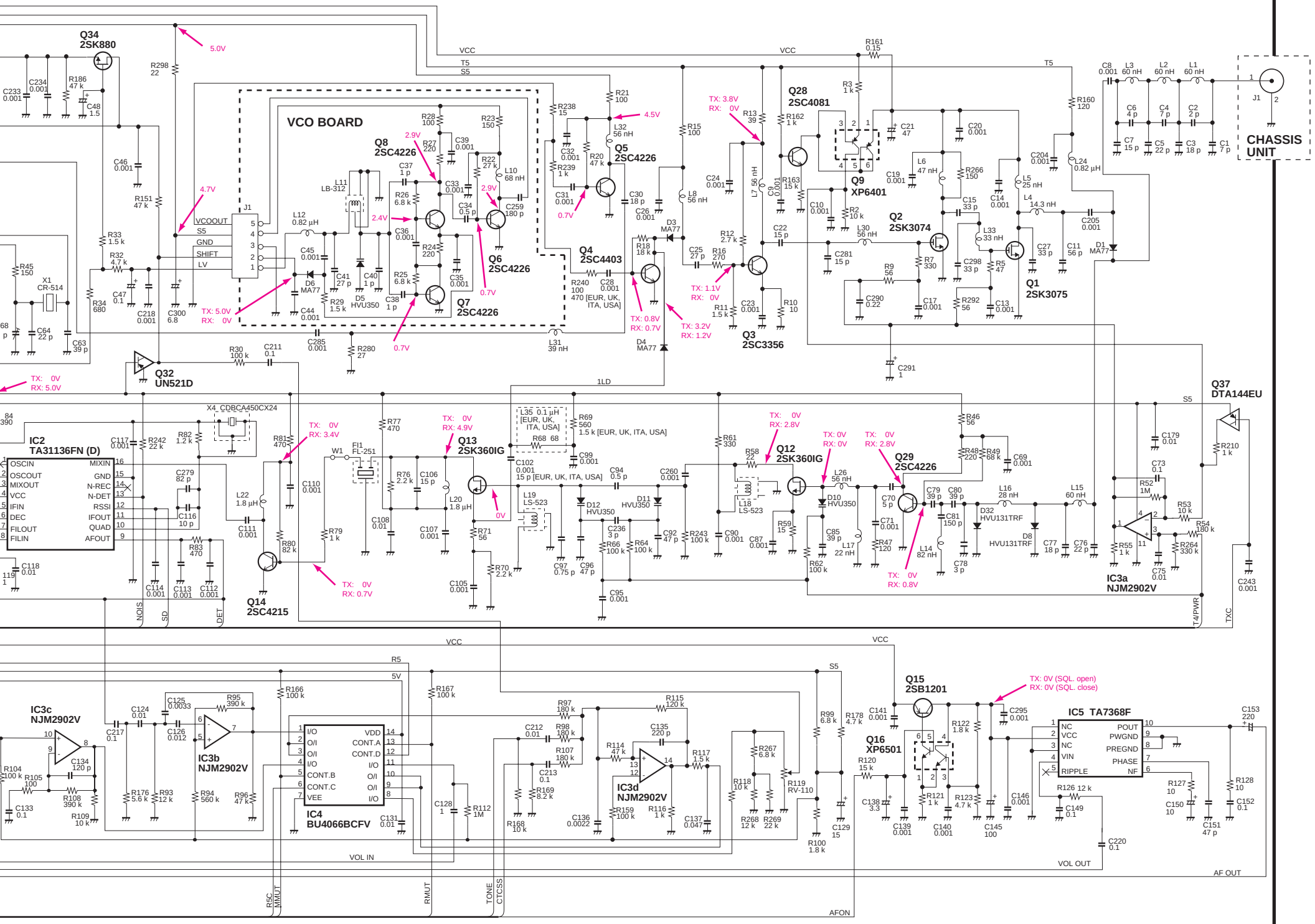

SP1
K036NA500-26A27
J5
SP
SPG
C164
0.001
VOL IN
VOL OUT
AF OUT
MIC
EMIC
TONE
VCC
T5
R5
S5
5V
MC1
KUC3523-040245
MIC
R144
33 k
C163
0.001
S1
JPM1990-2013R
C148
0.1
R125
220 k
5.0V
C177
15
C176
22
C175
22
C174
22
Q22
2SB1132
Q20
2SA1588
Q21
2SA1588
R213
10 k
Q40
XP1501
R272
4.7 k
R139
4.7 k
C161
0.01
R137
4.7 k
C160
0.01
R141
4.7 k
C162
0.001
T5C
R5C
S5C
Q18
2SB1201
Q19
XP6501
R133
1 k
R134
4.7 k
C159
0.001
C278
15
C158
100
C157
0.001
IC6
S-81250PG-PD
C156
0.001
C155
10
9.5V
CPU5
R220
220 k
C248
0.01
R221
330 k
2.9V
Q36
2SC4081
C246
0.1
C247
0.001
R218
39 k
R219
68 k
BEEP
DTMF
IC11
S-80742SL-A6
NC
OUT
VDD
VSS
C197
0.001
R149
10 k
Q23
2SC4081
C230
0.47
R148
100 k
R146
100 k
D15
MA111
R147
220 k
C144
0.001
R214
12 k
C196
0.001
C1
0.001
RV-312
R1
J6
BATT
VOL IN
VOL OUT
GND
VCC
VR BOARD
C173
47
CLIN
CLOUT
J2
EXT.
MIC
OPT
EMIC
C165
0.001
C166
0.001
R132
470
J3
EXT.
SP
AF OUT
SP
CLONE
L34
10 µH
R174
15 k
D27
DA204U
Q31
DTC144TU
C167
22 p
C169
0.001
C299
47 p
J4
CHARGE
BATT
GND
C170
0.001
Q27
2SB1132
R156
18
D25
SB07-03C
R157
18
C200
0.001
C202
0.001
8.2V
D24
DA204U
C171
0.001
C172
470 p
R158
4.7 k
C201
0.001
C203
0.001
R253
1 k
KR3
KR2
KR1
KR0
IR1/DST
IR0
P0
P1
P2
P3
1
2
3
A
4
5
6
B
7
8
9
C
*
0
#
D
D16
MA6S121
D22
R254
1 k
KS5
KS4
D33
D23
D34
MA111
D18
D20
MA111
R255
1 k
KS3
KS2
KS1
KS0
D17
MA6S121
CTCSS
DET
OPPO
R291
100 k
C198
0.01
C258
0.1
R217
10 k
INPUT
PD
OSCO
OSCI
VSS
VDD
EST
STD
ACK
SD
IC9
LC73881M
X3
EFOS4194E3
[ANI] only
IC10
TC4S01F
D31
MA111
Q39
DTA114TU
OPCS
OPINT
SCK
SI
ECS
R259
100 k
IC7
X25040SI-2.7
CS
SO
WP
VSS
VCC
HOLD
SCK
SI
[ANI]
only
C245
0.001
R208
56 k
R209
560 k
C264
0.1
TX: 0V
RX: 3V
C251
0.01
C252
0.001
CTDA
CTDA
CTDA
T5
R5
R197
680 k
TX: 0V
RX: 1.0V
Q33
2SC4081
R199
4.7 k
R191
18 k
R192
18 k
C222
0.047
C225
0.012
C249
0.01
C250
0.01
TX: 0V
RX: 0.4V
R263
220 k
R200
1 k
Q35
2SC4081
TX: 2.0V
RX: 0.5V
R203
47 k
R202
47 k
C228
0.0033
C227
0.027
R224
47 k
R207
1 k
TX: 1.4V
RX: 0V
R229
10 k
R230
22 k
R231
47 k
C226
0.047


IC8
HD6433875A41H [THA]
HD6433875A45H [Other]
IC1
µPD3140GS
Q25
2SC4081
Q17
2SB1462
DS1
LM-1462B
DS2
LNJ310M6URA
DS3
LNJ310M6URA
DS4
LNJ808R8ERA
TX: 5V
RX: 0V
CL IN
VCC
T5
CPU5
TEMP
RESET
CSIFT
SCK
SI
SO
UNLK
CL OUT
PLST
NOIS
OPINT
ECS
OPPD
OPCS
CTDA2
CTDA1
CTDA0
T4/PWR
AFON
LIGHT
T5C
TXC
RMUT
MMUT
CLV
PTT
5V
MIC
VOL IN
VOLOUT
AF OUT
EMIC
IR1/DST
IR0
CONT
2LO


VCO BOARD
CHASSIS UNIT
Q34 2SK880
Q8 2SC4226
Q5 2SC4226
Q6 2SC4226
Q7 2SC4226
Q4 2SC4403
Q3 2SC3356
Q28 2SC4081
Q9 XP6401
Q2 2SK3074
Q1 2SK3075
Q32 UN521D
Q37 DTA144EU
IC2 TA31136FN (D)
Q13 2SK360IG
Q12 2SK360IG
Q29 2SC4226
Q14 2SC4215
IC3a NJM2902V
IC3c NJM2902V
IC3b NJM2902V
IC4 BU4066BCFV
IC3d NJM2902V
Q15 2SB1201
Q16 XP6501
IC5 TA7368F
VCC
T5
S5
1LD
VOL IN
VOL OUT
AF OUT
AFON
TX: 0V (SQL. open)
RX: 0V (SQL. close)

MAIN UNIT