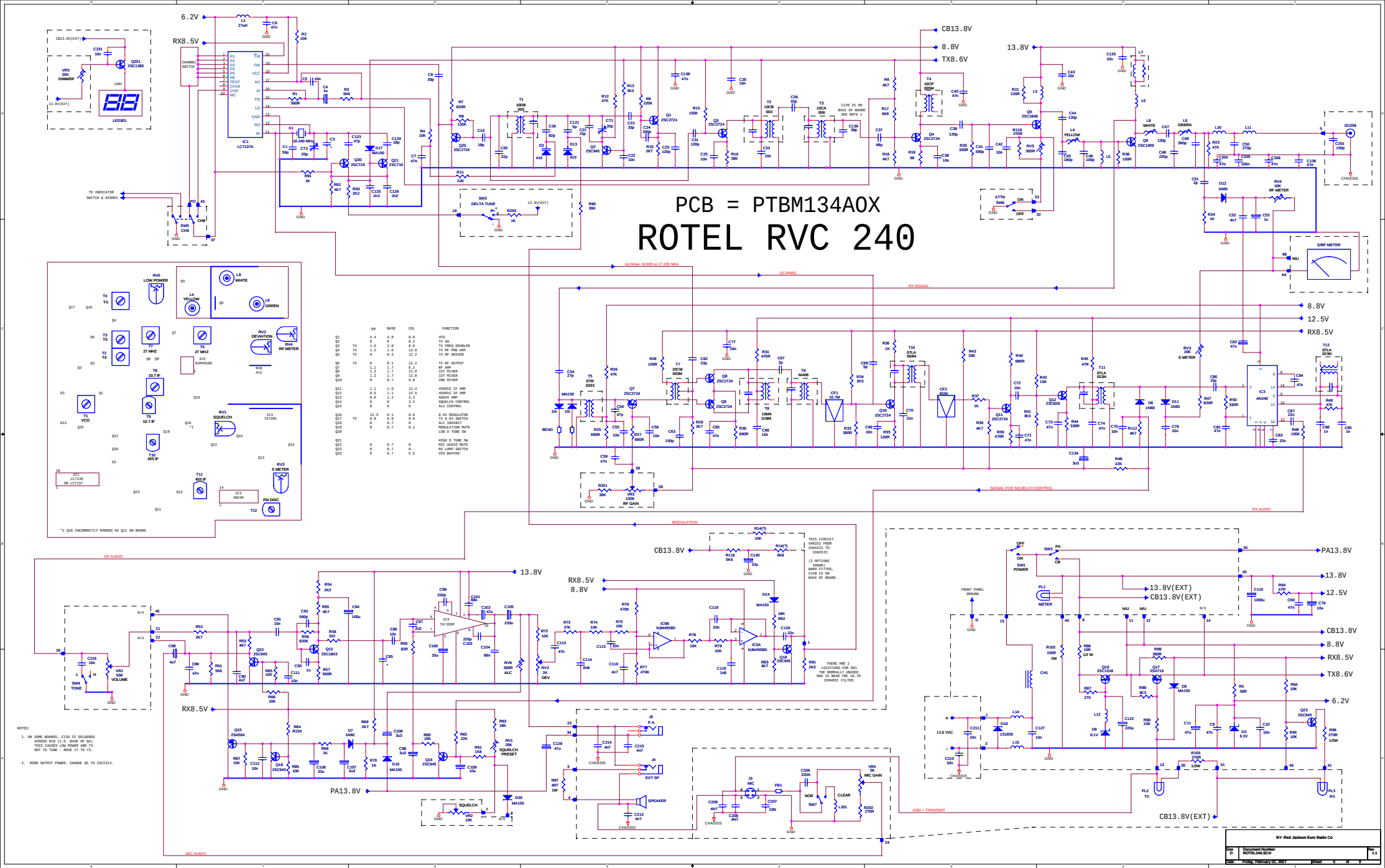
PCB = PTBM134A0X
ROTEL RVC 240
6.2V
RX8.5V
CB13.8V
8.8V
TX8.6V
13.8V
12.5V
PA13.8V
CB13.8V(EXT)
13.8V(EXT)
CB13.8V(EXT)
IC1 LCT1237A
CHANNEL SWITCH
LED301
VR5 20K DIMMER
Q251 2SC1383
SW2 DELTA TUNE
TO INDICATOR SWITCH & DIODES
SW5 CH9
ATTN SW6
S/RF METER
RF METER
S METER
RV3 20K S METER
RV4 10K RF METER
VR6 100K RF GAIN
IC3 AN240
IC4 TA7205P
IC5A NJM4558D
IC5B NJM4558D
SW1 POWER
PL1 METER
FRONT PANEL GROUND
13.8 VDC
PL2 TX
PL3 RX
GND = TRANSMIT
SW4 TONE
VR1 50K VOLUME
RV6 500R ALC
RV2 2K DEV
RV1 20K SQUELCH PRESET
VR2 10K
J5 P.A.
J4 EXT SP
SPEAKER
J3 MIC
MIC GAIN
SW7 NOR CLEAR
L201
1st Mixer 16.905 to 17.295 MHz
10.24MHZ
RX SIGNAL
SIGNAL FOR SQUELCH CONTROL
RX AUDIO
MODULATION
MIC AUDIO
THIS CIRCUIT VARIES FROM CHASSIS TO CHASSIS (2 OPTIONS SHOWN). WHEN FITTED, C140 IS ON BACK OF BOARD.
THERE ARE 2 LOCATIONS FOR R81 THE NORMALLY UNUSED ONE IS NEAR THE 10.7M CERAMIC FILTER.
C139 IS ON BACK OF BOARD SEE NOTE 1
*1 Q10 INCORRECTLY MARKED AS Q11 ON BOARD
NOTES:
1. ON SOME BOARDS, C139 IS SOLDERED ACROSS R18 (I.E. BASE OF Q4) THIS CAUSES LOW POWER AND T3 NOT TO TUNE - MOVE IT TO T3.
2. MORE OUTPUT POWER: CHANGE Q5 TO 2SC2314.
BY: Rick Jackson Euro Radio Co
Size D
Document Number ROTEL240.SCH
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