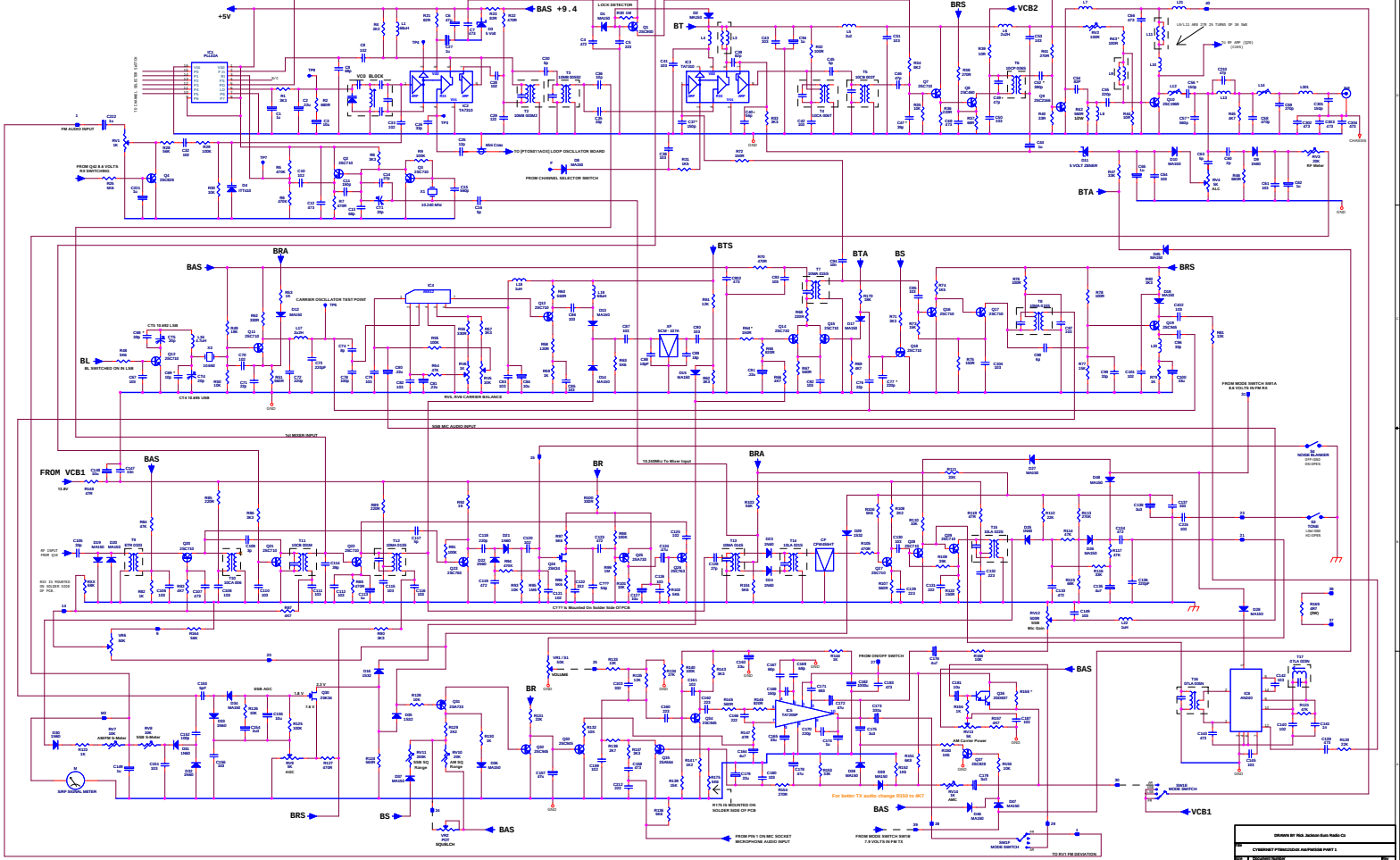
+5V
BAS +9.4
BRS
VCB2
BT
BTS
BTA
BS
BRA
BR
BL
FROM VCB1
FROM MODE SWITCH SW7A 8.6 VOLTS IN FM RX
FROM MODE SWITCH SW7B 7.9 VOLTS IN FM TX
TO MODE SWITCH
TO RV1 FM DEVIATION
FROM PIN 1 ON MIC SOCKET MICROPHONE AUDIO INPUT
FROM CHANNEL SELECTOR SWITCH
TO [PTC6011A2X] LOOP OSCILLATOR BOARD
FROM VCO & 9.4 VOLTS SWITCHING
PM AUDIO INPUT
SINPO SIGNAL METER
SQUELCH
VOLUME
6 VOLT ZENER
RV5 RF Meter
RV4 ASC
RV3 MIC GAIN
RV2 VOX GAIN
RV1 RV6 CARRIER BALANCE
CARRIER OSCILLATOR TEST POINT
10.240MHz
10.245MHz To Mixer Input
9MHz MIC AUDIO INPUT
1st MIXER INPUT
SSB AGC
SSB S-Meter
SSB Sidetone
SSB MIC
ASC
VOX
NOISE BLANKER
SW8 SPEAKER
SW9 MIC SOCKET
SW10 MODE SWITCH
CTS 10.692 LSB
CTS 10.695 USB
CT4 10.695 USB
TX CRYSTALS
RX IS MOUNTED ON SOLDER SIDE OF PCB.
C777 Is Mounted On Solder Side Of PCB
R175 IS MOUNTED ON SOLDER SIDE OF PCB
For better TX audio change R150 to 4K7
DRAWN BY Rick Jackson-Sun Radio Co
CV5B05827 PTB6102ZA/0 AM/FM/SSB PART 1
Document Number PTB6102AM_BRAN.SCH
Date: Monday, February 24, 2020
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