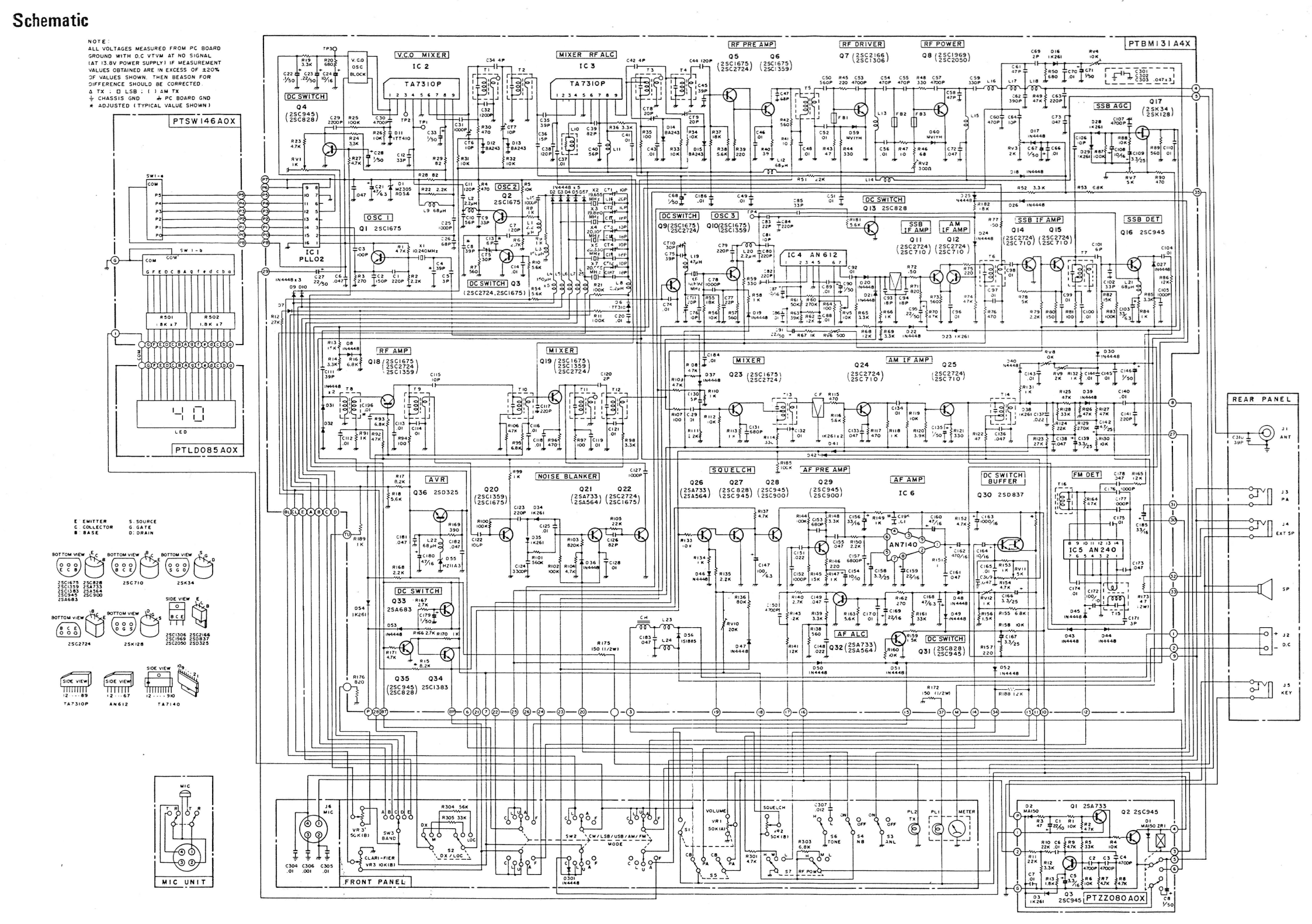
Schematic


NOTE:
ALL VOLTAGES MEASURED FROM PC BOARD GROUND WITH D.C VTVM AT NO SIGNAL (AT 13.8V POWER SUPPLY) IF MEASUREMENT VALUES OBTAINED ARE IN EXCESS OF ±20% OF VALUES SHOWN, THEN BEASON FOR DIFFERENCE SHOULD BE CORRECTED.
Δ TX ; □ LSB ; ( ) AM TX
⏚ CHASSIS GND ⏚ PC BOARD GND
★ ADJUSTED (TYPICAL VALUE SHOWN)
PTBM131A4X
PTSW146A0X
PTLD085A0X
PTZZ080A0X
V.C.O MIXER
IC 2
TA7310P
MIXER RF ALC
IC 3
RF PRE AMP
RF DRIVER
RF POWER
SSB AGC
SSB IF AMP
SSB DET
AM IF AMP
DC SWITCH
OSC 1
OSC 2
OSC 3
MIXER
RF AMP
NOISE BLANKER
AVR
SQUELCH
AF PRE AMP
AF AMP
AF ALC
DC SWITCH BUFFER
FM DET
IC4 AN612
IC5 AN240
IC6 AN7140
REAR PANEL
FRONT PANEL
MIC UNIT
E: EMITTER
C: COLLECTOR
B: BASE
S: SOURCE
G: GATE
D: DRAIN