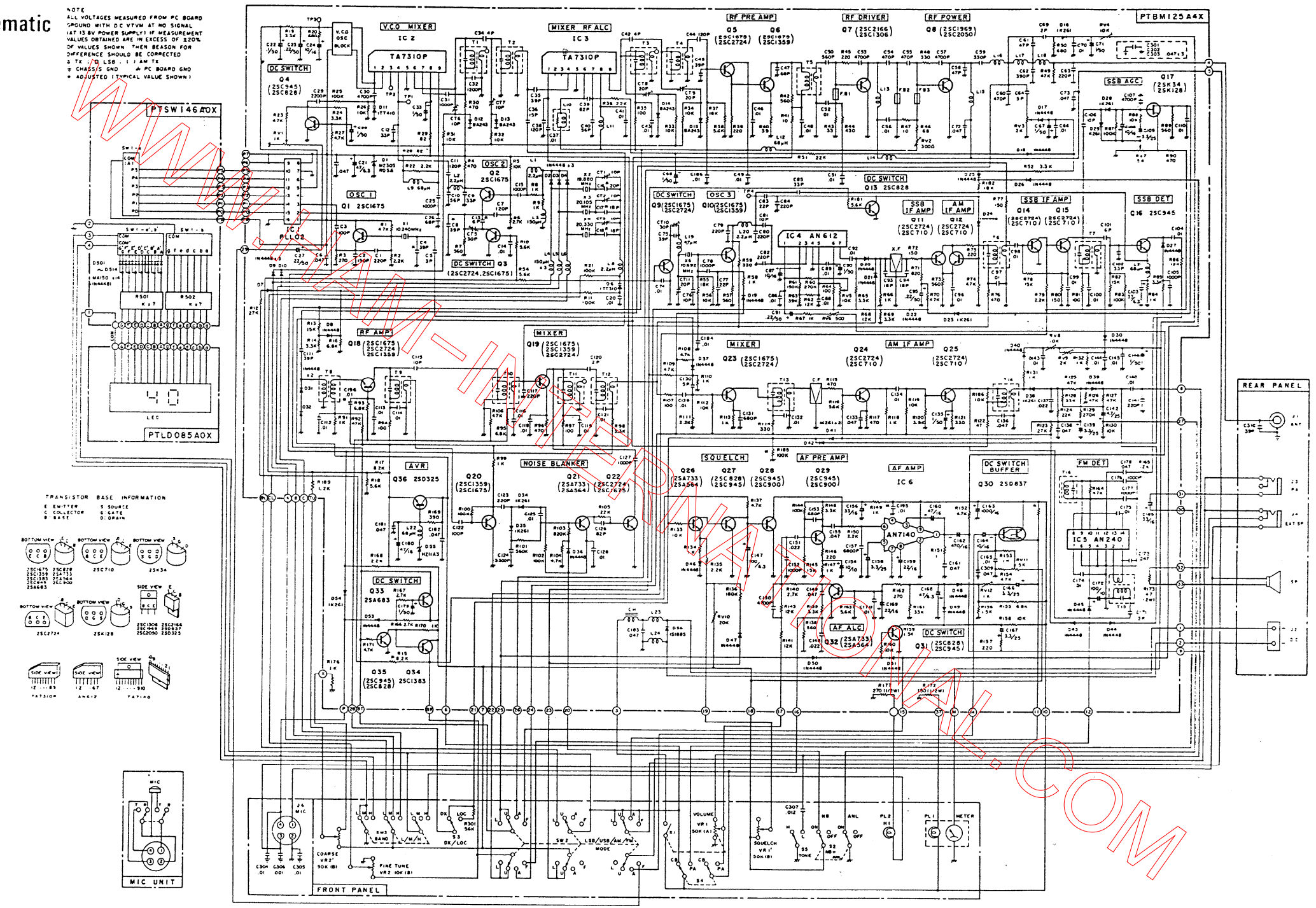
Schematic


NOTE
ALL VOLTAGES MEASURED FROM PC BOARD GROUND WITH DC VTVM AT NO SIGNAL (AT 13.8V POWER SUPPLY) IF MEASUREMENT VALUES OBTAINED ARE IN EXCESS OF ±20% OF VALUES SHOWN THEN REASON FOR DIFFERENCE SHOULD BE CORRECTED
PTBM125A4X
PTSW146A0X
PTLD085A0X
V.C.O MIXER
IC 2
TA7310P
MIXER RF ALC
IC 3
TA7310P
RF PRE AMP
RF DRIVER
RF POWER
DC SWITCH
OSC 1
OSC 2
OSC 3
SSB AGC
SSB IF AMP
AM IF AMP
SSB DET
IC4 AN612
RF AMP
MIXER
AM IF AMP
AVR
NOISE BLANKER
SQUELCH
AF PRE AMP
AF AMP
IC 6
AN7140
DC SWITCH BUFFER
FM DET
IC5 AN240
AF ALC
REAR PANEL
FRONT PANEL
MIC UNIT
TRANSISTOR BASE INFORMATION
E: EMITTER
C: COLLECTOR
B: BASE
S: SOURCE
G: GATE
D: DRAIN