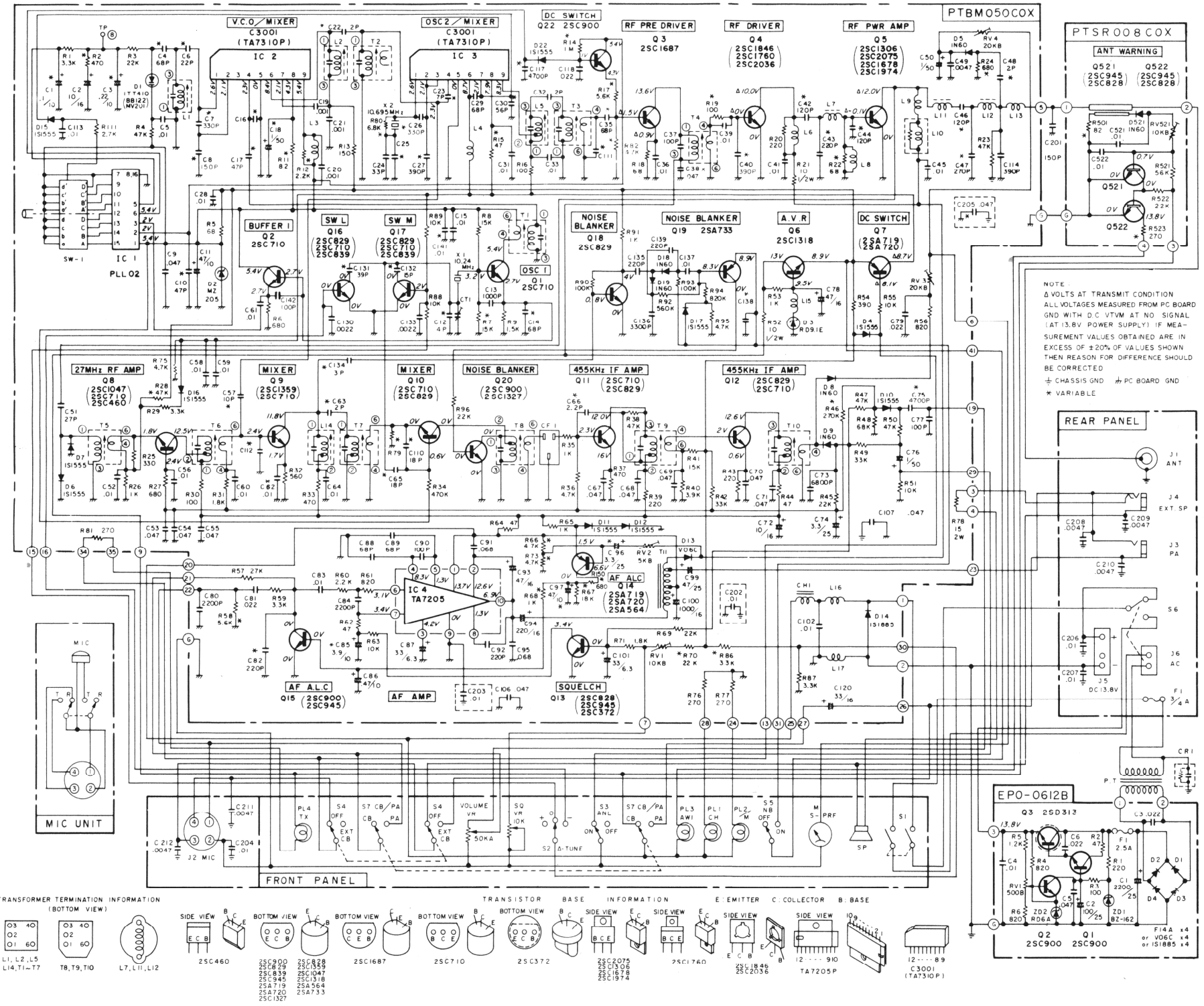
PTBM050COX
PTSR008COX
ANT WARNING
V.C.O./MIXER
C3001
(TA7310P)
IC 2
OSC2/MIXER
C3001
(TA7310P)
IC 3
DC SWITCH
Q22 2SC900
RF PRE DRIVER
Q3
2SC1687
RF DRIVER
Q4
(2SC1846
2SC1760
2SC2036)
RF PWR AMP
Q5
(2SC1306
2SC2075
2SC1678
2SC1974)
Q521
(2SC945
2SC828)
Q522
(2SC945
2SC828)
BUFFER I
Q2
2SC710
SW L
Q16
(2SC829
2SC710
2SC839)
SW M
Q17
(2SC829
2SC710
2SC839)
OSC I
Q1
2SC710
SW-1
IC 1
PLL02
NOISE BLANKER
Q18
2SC829
NOISE BLANKER
Q19
2SA733
A.V.R
Q6
2SC1318
DC SWITCH
Q7
(2SA719
2SA720)
27MHz RF AMP
Q8
(2SC1047
2SC710
2SC460)
MIXER
Q9
(2SC1359
2SC710)
MIXER
Q10
(2SC710
2SC829)
NOISE BLANKER
Q20
(2SC900
2SC1327)
455KHz IF AMP.
Q11
(2SC710
2SC829)
455KHz IF AMP.
Q12
(2SC829
2SC710)
IC 4
TA7205
AF ALC
Q14
(2SA719
2SA720
2SA564)
AF A.L.C
Q15
(2SC900
2SC945)
AF AMP
SQUELCH
Q13
(2SC828
2SC945
2SC372)
NOTE :
Δ VOLTS AT TRANSMIT CONDITION
ALL VOLTAGES MEASURED FROM PC BOARD GND 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 REASON FOR DIFFERENCE SHOULD BE CORRECTED
⏚ CHASSIS GND ⏚ PC BOARD GND
* VARIABLE
REAR PANEL
J1 ANT
J4 EXT SP
J3 PA
S6
J6 AC
J5 DC13.8V
F1 3/4A
CR1
P.T
EPO-0612B
Q3 2SD313
Q2 2SC900
Q1 2SC900
MIC
MIC UNIT
J2 MIC
FRONT PANEL
PL4 TX
S4 OFF EXT CB
S7 CB/PA
VOLUME VR 50KA
SQ VR 10K
S2 Δ-TUNE
S3 ANL ON OFF
PL3 AWI
PL1 CH
PL2 M
S5 NB OFF ON
M S-PRF
SP
S1
TRANSFORMER TERMINATION INFORMATION (BOTTOM VIEW)
L1, L2, L5 L14, T1~T7
T8, T9, T10
L7, L11, L12
TRANSISTOR BASE INFORMATION
E: EMITTER C: COLLECTOR B: BASE
SIDE VIEW
BOTTOM VIEW
2SC460
2SC900 2SC829 2SC839 2SC945 2SA719 2SA720 2SC1327
2SC828 2SC1359 2SC1047 2SC1318 2SA564 2SA733
2SC1687
2SC710
2SC372
2SC2075 2SC1306 2SC1678 2SC1974
2SC1846 2SC2036
TA7205P
12·····910
12·····89
C3001 (TA7310P)