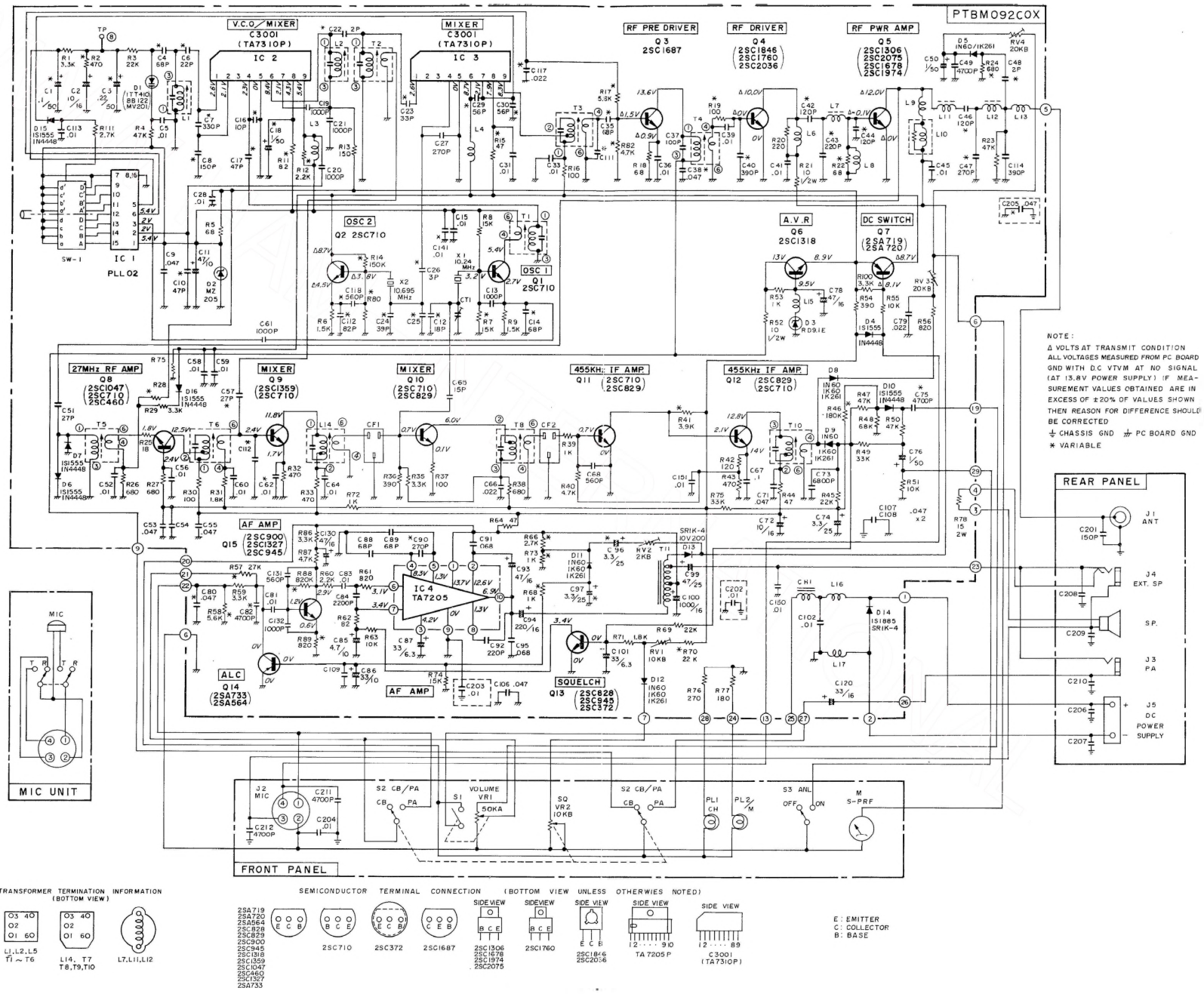
PTBM092C0X
V.C.O./MIXER
C3001
(TA7310P)
IC 2
MIXER
C3001
(TA7310P)
IC 3
RF PRE DRIVER
Q3
2SC1687
RF DRIVER
Q4
(2SC1846
2SC1760
2SC2036)
RF PWR AMP
Q5
(2SC1306
2SC2075
2SC1678
2SC1974)
OSC 2
Q2 2SC710
OSC 1
Q1
2SC710
A.V.R
Q6
2SC1318
DC SWITCH
Q7
(2SA719)
(2SA720)
IC 1
PLL02
SW-1
27MHz RF AMP
Q8
(2SC1047
2SC710
2SC460)
MIXER
Q9
(2SC1359
2SC710)
MIXER
Q10
(2SC710
2SC829)
455KHz IF AMP.
Q11
(2SC710)
(2SC829)
455KHz IF AMP.
Q12
(2SC829
2SC710)
AF AMP
Q15
(2SC900
2SC1327
2SC945)
IC 4
TA7205
ALC
Q14
(2SA733
2SA564)
AF AMP
SQUELCH
Q13
(2SC828
2SC945
2SC372)
MIC
MIC UNIT
REAR PANEL
J1 ANT
J4 EXT. SP
SP.
J3 PA
J5 DC POWER SUPPLY
J2 MIC
S2 CB/PA
VOLUME VR1 50KA
S1
SQ VR2 10KB
S2 CB/PA
PL1 CH
PL2 M
S3 ANL
OFF
ON
M S-PRF
FRONT PANEL
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
TRANSFORMER TERMINATION INFORMATION (BOTTOM VIEW)
L1,L2,L5 T1 ~ T6
L14, T7 T8,T9,T10
L7,L11,L12
SEMICONDUCTOR TERMINAL CONNECTION (BOTTOM VIEW UNLESS OTHERWIES NOTED)
2SA719
2SA720
2SA564
2SC828
2SC829
2SC900
2SC945
2SC1318
2SC1359
2SC1047
2SC460
2SC1327
2SA733
2SC710
2SC372
2SC1687
2SC1306
2SC1678
2SC1974
2SC2075
2SC1760
2SC1846
2SC2036
TA 7205 P
C3001
(TA7310P)
E : EMITTER
C : COLLECTOR
B : BASE