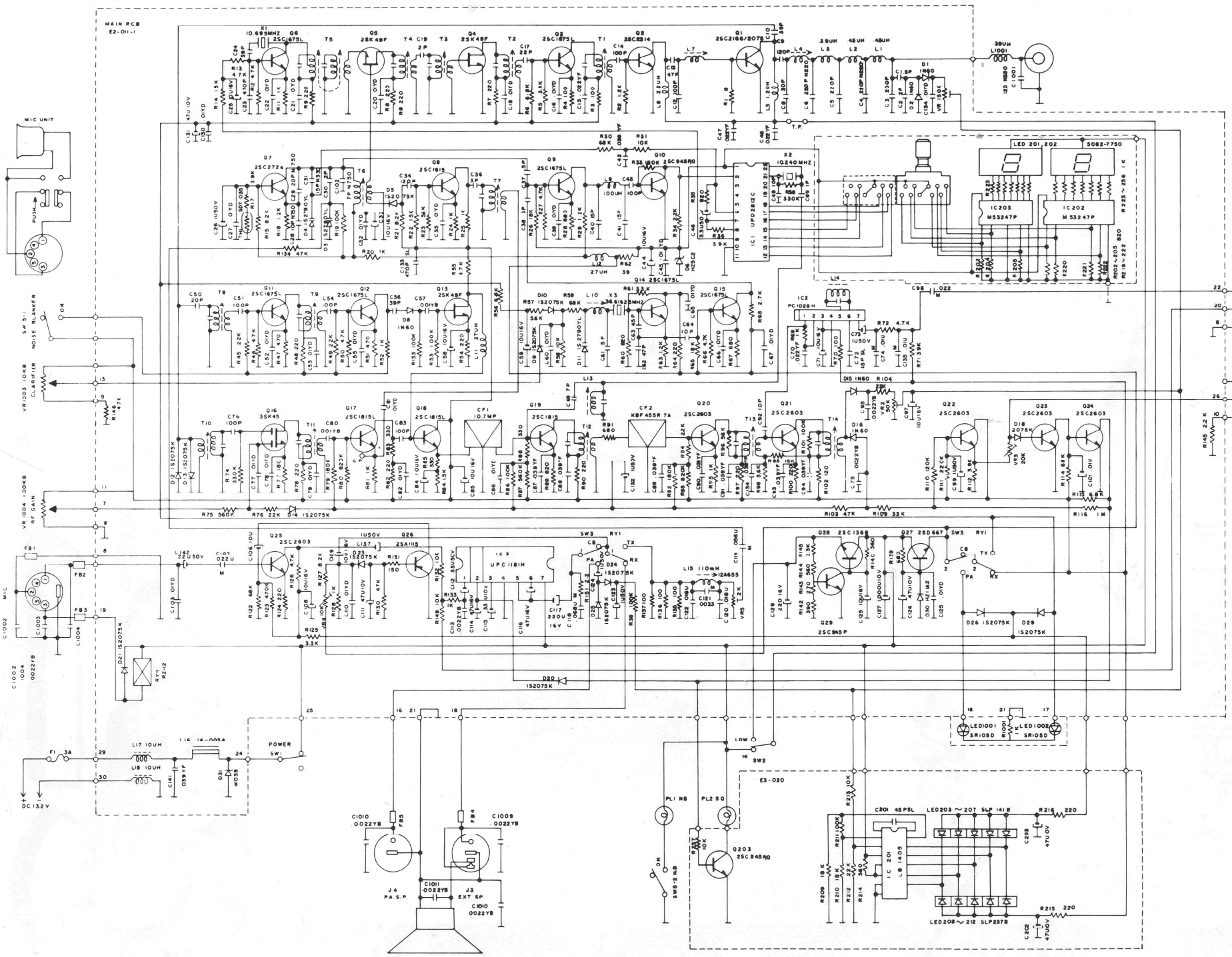
CIRCUIT DIAGRAM


MAIN PCB
E2-011-1
MIC UNIT
PUSH
NOISE BLANKER
CLARIFIER
RF GAIN
VOLUME
SQUELCH
MIC
POWER
DC 13.2V
PA S.P.
EXT SP
E3-020
LED 201,202
5082-7750
IC203
M53247P
IC202
M53247P
IC1
UPD2812C
IC3
UPC1181H
IC 201
LB 1405
LED203 ~ 207 SLP 141 B
LED208 ~ 212 SLP237B
C201 4SPSL
LED1001
SR105D
LED1002
SR105D
Q1
2SC2166/2078
Q2
2SC2314
Q3
2SC1675L
Q4
2SK49F
Q5
2SK49F
Q6
2SC1675L
Q7
2SC2724
Q8
2SC1815
Q9
2SC1675L
Q10
2SC948RO
Q11
2SC1675L
Q12
2SC1675L
Q13
2SK49F
Q14
2SC1675L
Q15
2SC1675L
Q16
3SK45
Q17
2SC1815L
Q18
2SC1815L
Q19
2SC1815
Q20
2SC2603
Q21
2SC2603
Q22
2SC2603
Q23
2SC2603
Q24
2SC2603
Q25
2SC2603
Q26
2SA1115
Q27
2SD667
Q28
2SC1368
Q29
2SC945P
Q203
2SC948RO
CF1
10.7MP
CF2
KBF455R 7A
X1
10.695MHZ
X2
10.240MHZ
X3
36.6625MHZ
L15 110mH
12A655
POWER
SW1
SW2
SW3
RY1
TX
RX
PA
LOW
HI
PL1 NB
PL2 SQ
SW3-2 NB
J4
PA S.P.
J3
EXT SP
C1010
.0022YB
C1009
.0022YB
C1011
.0022YB
F1 3A
L17 10UH
L18 10UH
D31
W03B
C141
.039YF
DC 13.2V
VR1003 10KB
CLARIFIER
VR1004 10KB
RF GAIN
VR1001
VOLUME
10KA
VR1002
SQUELCH
10KB
S#5-1
NOISE BLANKER
ON
R145 47K
R145 2.2K
R146 47K
R134 47K
R75 560K
R76 22K
D14 1S2075K
R103 47K
R109 33K
R116 1M
R125 3.3K
R223 ~ 256 1K
R219 ~ 222 820
R202 ~ 205
R215 220
R216 220
C202 47U10V
C203 47U10V
R233 10K
R237 10K
R209 18K
R210 18K
R211 100K
R212 22K
R214 560
R208 18K
R138 330K
R35 3.9K
R30 68K
R31 10K
R33 180K
R62 39
R72 4.7K
R73 3.9K
R104 22K
R101 100K
R102 120
R91 680
R94 820K
R95 1.5K
R96 56K
R97 680
R98 5.6K
R99 15K
R100 1.5K
R103 47K
R109 33K
R116 1M
R115 6.8K
R110 120K
R111 22K
R112 3.9K
R113 68K
R114 68K
R117 100
R118 100
R119 100
R120 100
R121 0033
R122 68K
R123 470K
R124 220
R126 47K
R127 8.2K
R128 1K
R129 47K
R130 47K
R131 150
R132 10K
R133 1K
R135 100
R136 100
R137 100
R138 330K
R139 680
R140 560
R141 1.3K
R142 1.3K
R143 1.3K
R144 1.3K
R145 1.3K
R146 560
R147 1000U10V
R148 10K
R149 10K
R150 10K
R151 10K
R152 10K
R153 10K
R154 10K
R155 10K
R156 10K
R157 10K
R158 10K
R159 10K
R160 10K
R161 10K
R162 10K
R163 10K
R164 10K
R165 10K
R166 10K
R167 10K