J2 CON8
J7 CON8
KEY_R
KEY_T
PTT
C3 .01uF
R18 2.2K
C1 33uF
J8 MIC8PIN
J1 CON8
10VR
DCRTN
ROW1
ROW2
COL_DATA_A(1)
COL_DATA_B(1)
COL_DATA_C(1)
COL_DATA_D(1)
J32 TMP
C21 .01uF
R54 10K
R53 10K
C20 .01uF
SP
U4
VCC
GND
A
B
C
D
G1
G2
74HC154
S1 D1 ANT1_M
S2 D8 ANT1_S
S3 D7 ANT2_M
S4 D6 ANT2_S
S5 D5 RX_M
S6 D4 RX_S
S7 D14 VFOA_TX
S8 D3 VFOB_TX
S9 D13 VFOA_RX
S10 D12 VFOB_RX
S11 D11 VFOA_S_RX
S12 D10 VFOB_S_RX
S13 PWR
S14 MON
S15 SEND1
S16 SEND2
S17 SEND3
S18 USER1
S19 USER2
S20 RECALL
S21 NB
S22 NR
S23 NOTCH
S24 VOX
S36 S_TUNE
S37 MIC
S38 TUNE
S39
R52 10K
S25 AN
S26 MODE
S27 PREAMP
S28 RF
S29 SPOT
S30 STEP
S31 SWEEP
S32 AGC
S33 ATTN
S34 MENU
S35 AUDIO
S40 VFOA>M
S41 VFOB>M
S42
D15 LOCK1
R51 10K
S43 D9 LOCK2
S44 D16 RIT
S45 D17 XIT
S46 D18 MAIN_RX
S47 D19 SUB_RX
S48 160
S49 80
S50 40
S51 A>B
S52 30
S53 20
S54 17
S55 B>A
S56 15
R50 10K
D19 .01uF
S57 12
S58 10
S59 A/B
S60 VFOA ENTER
S61 0
S62 .
S63 VFOB ENTER
J3 CON8
3.3VR
ROW3
ROW4
ROW5
COL_DATA_A
COL_DATA_B
COL_DATA_C
COL_DATA_D
U5
74HC154
MULTI
HI/LO CUT
PBT/BW
RIT/XIT
MAIN AF
SUB AF
S64 E3
S65 E4
S66 E5
S67 E6
S68 E7
S69 E8
ENC1
ENC2
J17 1 2 3 4 5
J16 1 2 3 4 5
5VR
J14 CON8
ENC1A
ENC1B
ENC2A
ENC2B
ENC3A
ENC3B
ENC4A
ENC4B
J15 CON8
ENC5A
ENC5B
ENC6A
ENC6B
ENC7A
ENC7B
ENC8A
ENC8B
R43
R42
R41
R40
R39
R38
R37
R36
R35
R34
R33
R32
R20-R31 10K
R32-R43 100K
C6-C17 .001uF
J24
J25
J26
J27
J31
J30
J29
J28
ROW5
COL13
COL12
COL11
COL10
COL9
COL8
ENC3A
ENC3B
ENC4A
ENC4B
ENC5A
ENC5B
ENC6A
ENC6B
ENC7A
ENC7B
ENC8A
ENC8B
PBT
BW
HICUT
LOWCUT
DIGRTN
D20 PBT
D21 BW
D22 HIGH CUT
D23 LOW CUT
R14-R17 150
J6 CON8
5VR
5VR
LEDDATA
ENAB6
LED_DIM_PWM
SCLK
DIGRTN
DIGRTN
R56 220
R58 220
R57 220
R60 4.7K
C18 .01uF
U8 UCN6810SLW
DIN
ST
BLNK
CLK
LOAD+
VCC
GND
NC
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Q9
Q10
SER
SUB_RX
MAIN_RX
LOCK1
XIT
RIT
LOCK2
R55 220
R44-R49 68
U6 UCN6810SLW
R1-R12 68
ANT1_M
ANT1_S
ANT2_M
ANT2_S
RX_M
RX_S
VFOA_TX
VFOB_TX
VFOA_RX
VFOB_RX
C4 .01uF
R59 220
U7 UCN6810SLW
R11-R12 68
VFOA_S_RX
VFOB_S_RX
ALC
R13 150
D2
C5 .01uF

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