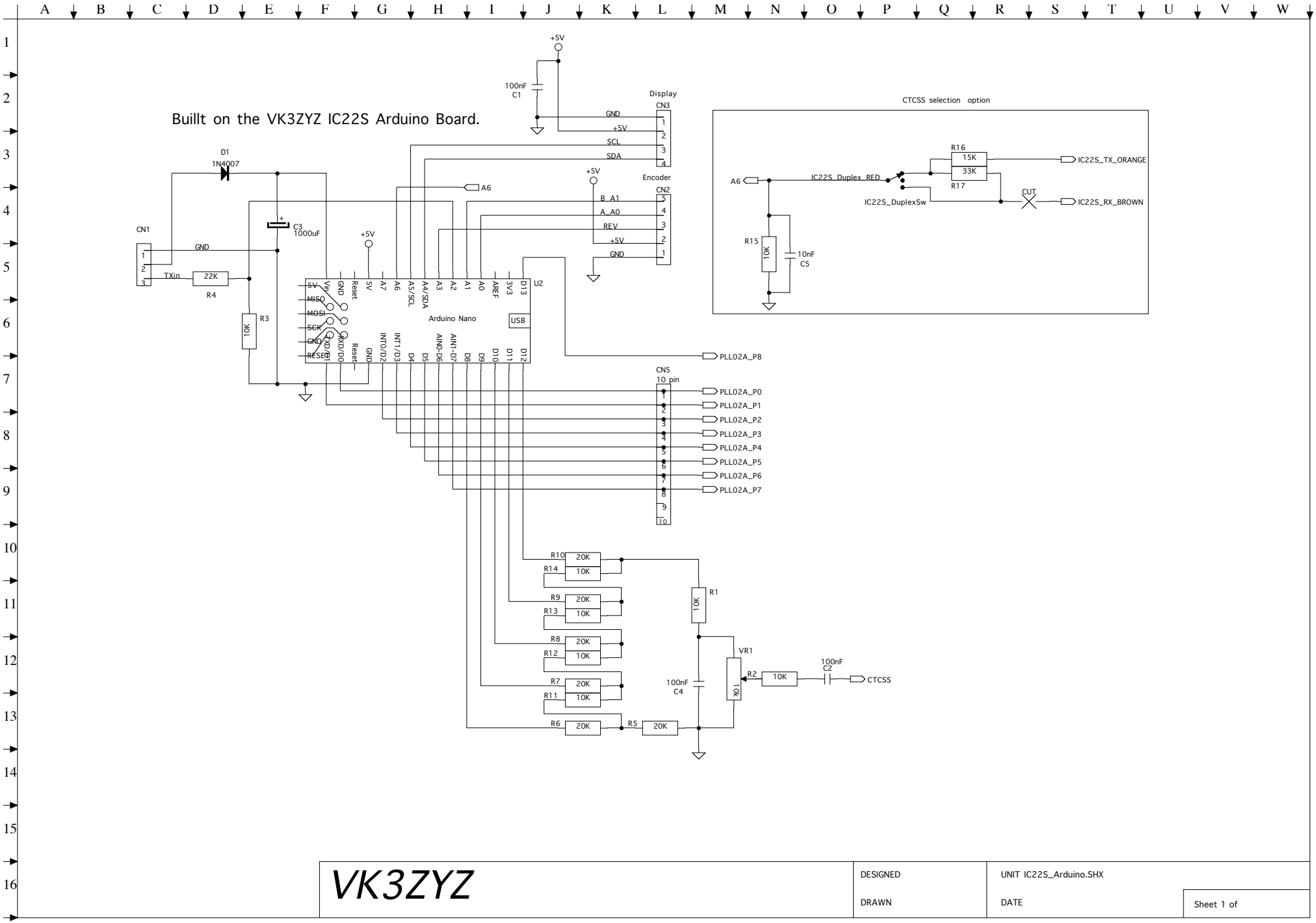

Buillt on the VK3ZYZ IC22S Arduino Board.
+5V
100nF
C1
Display
CN3
GND
+5V
SCL
SDA
D1
1N4007
C3
1000uF
CN1
TXin
22K
R4
R3
10K
A6
Encoder
CN2
B_A1
A_A0
REV
U2
Arduino Nano
USB
PLL02A_P8
CN5
10 pin
PLL02A_P0
PLL02A_P1
PLL02A_P2
PLL02A_P3
PLL02A_P4
PLL02A_P5
PLL02A_P6
PLL02A_P7
R10
R14
R9
R13
R8
R12
R7
R11
R6
R5
20K
10K
R1
VR1
R2
100nF
C2
100nF
C4
CTCSS
CTCSS selection option
R16
15K
33K
R17
IC22S_Duplex_RED
IC22S_DuplexSw
IC22S_TX_ORANGE
IC22S_RX_BROWN
CUT
R15
10nF
C5
VK3ZYZ
DESIGNED
DRAWN
UNIT IC22S_Arduino.SHX
DATE
Sheet 1 of