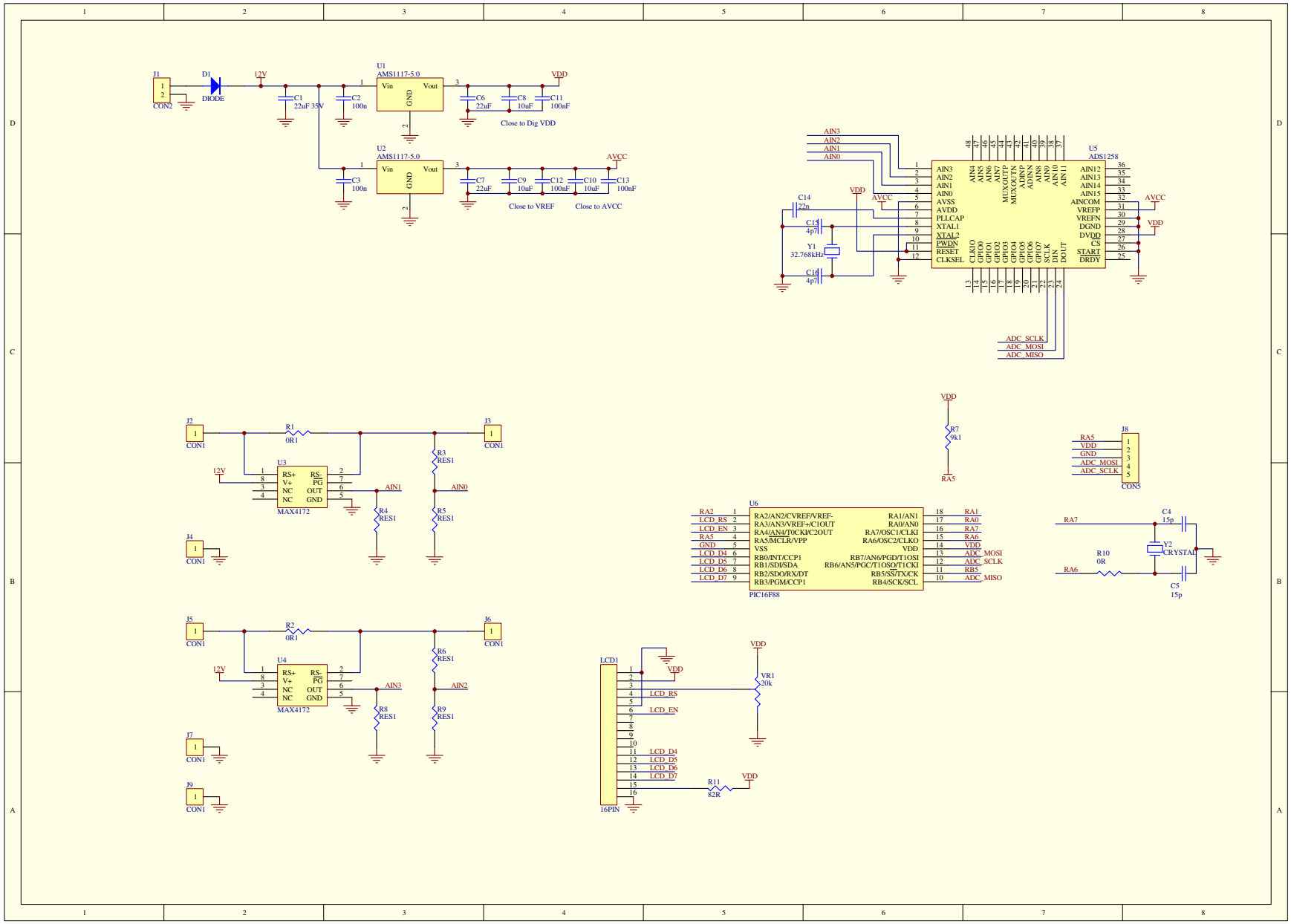
J1
CON2
D1
DIODE
12V
C1
22uF 35V
C2
100n
U1
AMS1117-5.0
Vin
Vout
GND
VDD
C6
22uF
C8
10uF
C11
100nF
Close to Dig VDD
C3
100n
U2
AMS1117-5.0
AVCC
C7
22uF
C9
10uF
C12
100nF
C10
10uF
C13
100nF
Close to VREF
Close to AVCC
AIN3
AIN2
AIN1
AIN0
U5
ADS1258
C14
22n
C15
4p7
Y1
32.768kHz
C16
4p7
ADC_SCLK
ADC_MOSI
ADC_MISO
J2
CON1
R1
0R1
J3
CON1
U3
MAX4172
R3
RES1
R4
RES1
R5
RES1
J4
CON1
R7
9k1
RA5
J8
CON5
U6
PIC16F88
C4
15p
Y2
CRYSTAL
R10
0R
C5
15p
J5
CON1
R2
0R1
J6
CON1
U4
MAX4172
R6
RES1
R8
RES1
R9
RES1
J7
CON1
J9
CON1
LCD1
16PIN
VR1
20k
R11
82R