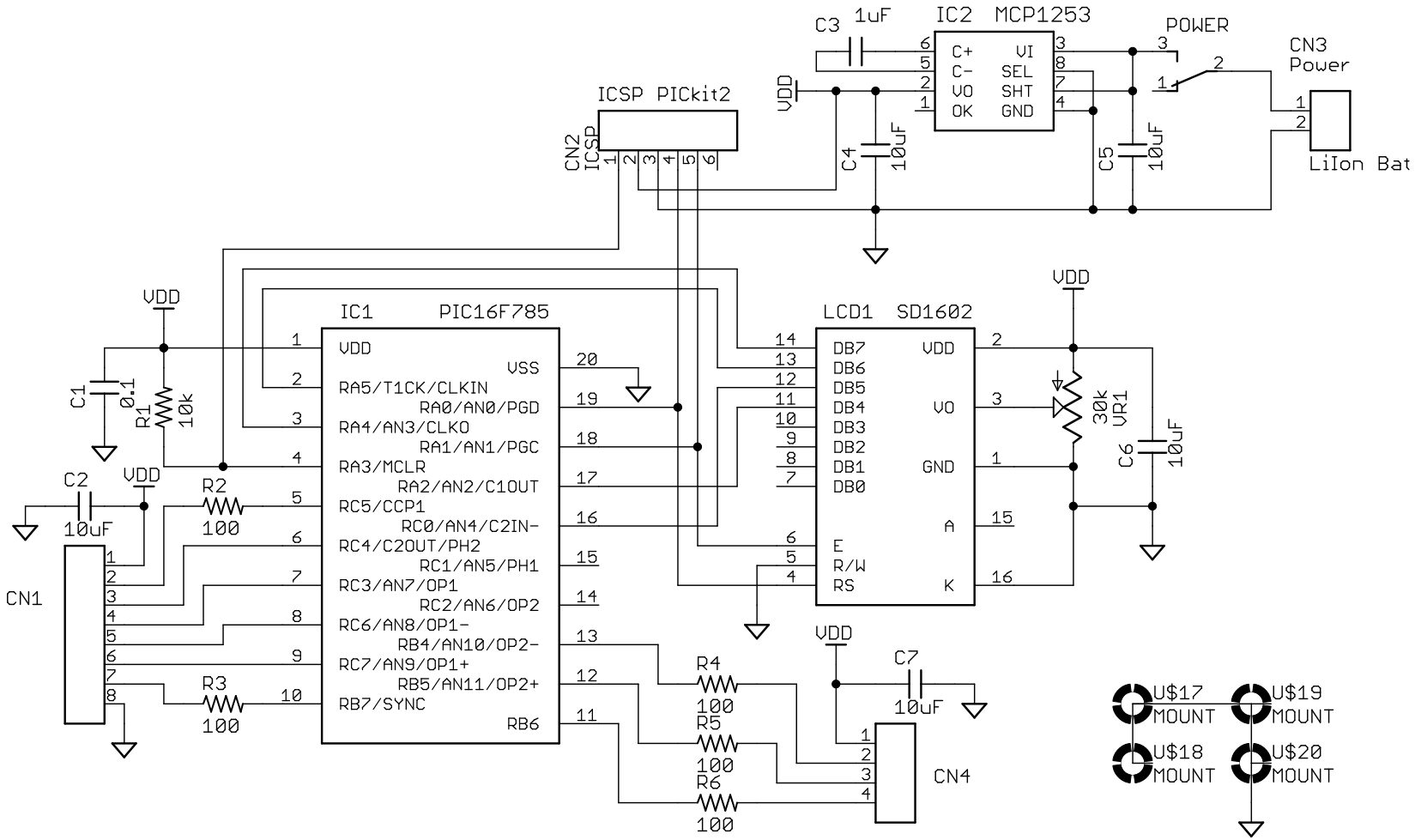
C3 1uF
IC2 MCP1253
C+
C-
VO
OK
VI
SEL
SHT
GND
POWER
CN3
Power
LiIon Bat
ICSP PICkit2
CN2
ICSP
C4 10uF
C5 10uF
VDD
IC1 PIC16F785
VDD
VSS
RA5/T1CK/CLKIN
RA0/AN0/PGD
RA4/AN3/CLKO
RA1/AN1/PGC
RA3/MCLR
RA2/AN2/C1OUT
RC5/CCP1
RC0/AN4/C2IN-
RC4/C2OUT/PH2
RC1/AN5/PH1
RC3/AN7/OP1
RC2/AN6/OP2
RC6/AN8/OP1-
RB4/AN10/OP2-
RC7/AN9/OP1+
RB5/AN11/OP2+
RB7/SYNC
RB6
LCD1 SD1602
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
E
R/W
RS
VDD
VO
GND
A
K
30k
VR1
C6 10uF
C1 0.1
R1 10k
C2 10uF
R2 100
R3 100
R4 100
R5 100
R6 100
C7 10uF
CN1
CN4
U$17 MOUNT
U$18 MOUNT
U$19 MOUNT
U$20 MOUNT