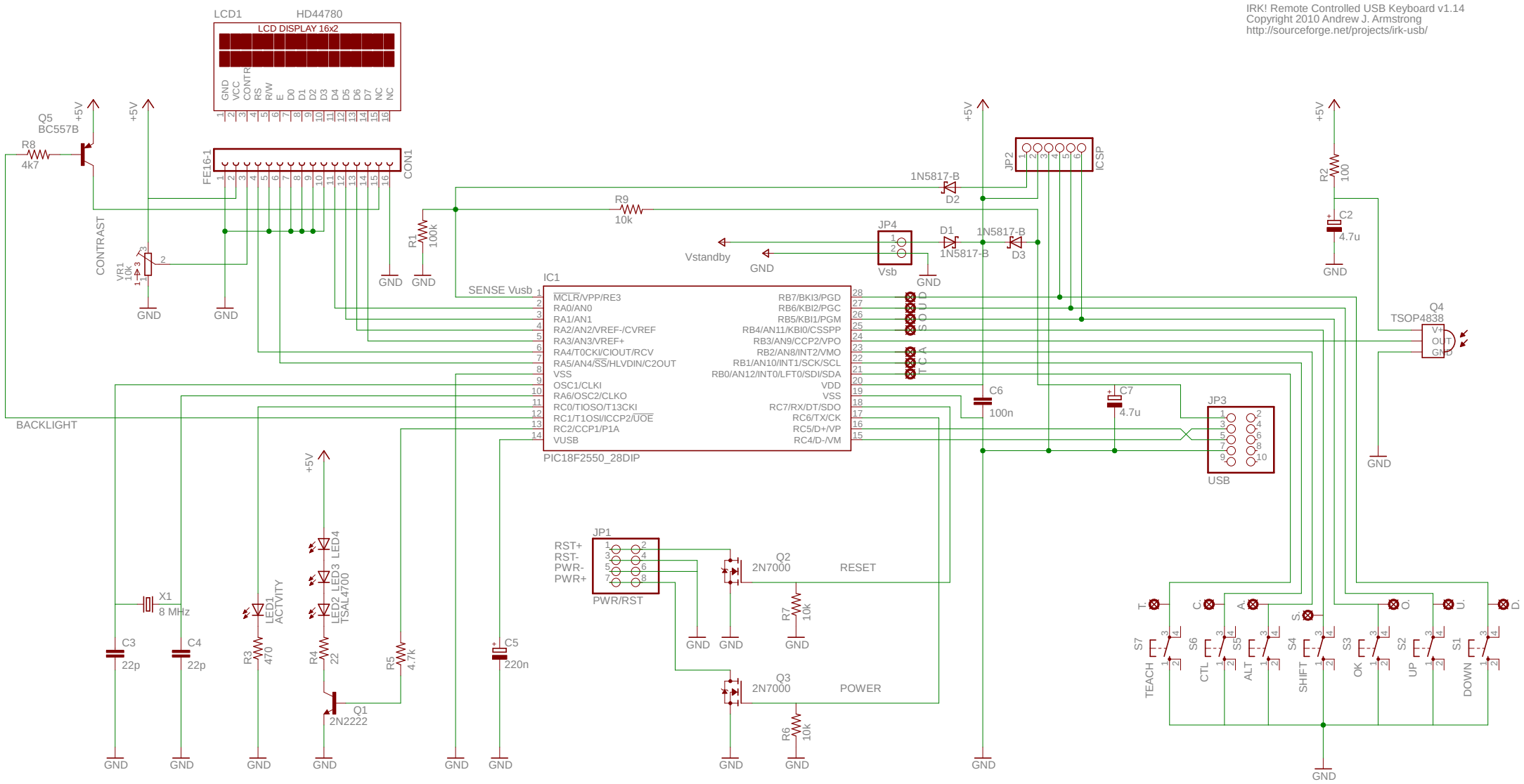
IRK! Remote Controlled USB Keyboard v1.14
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http://sourceforge.net/projects/irk-usb/
LCD1
HD44780
LCD DISPLAY 16x2
GND VCC CONTR RS R/W E D0 D1 D2 D3 D4 D5 D6 D7 NC NC
Q5
BC557B
R8
4k7
+5V
FE16-1
CON1
CONTRAST
VR1
10k
R1
100k
R9
10k
1N5817-B
D2
D1
D3
JP4
Vstandby
Vsb
GND
IC1
SENSE Vusb
MCLR/VPP/RE3
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN3/VREF+
RA4/T0CKI/CIOUT/RCV
RA5/AN4/SS/HLVDIN/C2OUT
VSS
OSC1/CLKI
RA6/OSC2/CLKO
RC0/TIOSO/T13CKI
RC1/T1OSI/ICCP2/UOE
RC2/CCP1/P1A
VUSB
RB7/BKI3/PGD
RB6/KBI2/PGC
RB5/KBI1/PGM
RB4/AN11/KBI0/CSSPP
RB3/AN9/CCP2/VPO
RB2/AN8/INT2/VMO
RB1/AN10/INT1/SCK/SCL
RB0/AN12/INT0/LFT0/SDI/SDA
VDD
VSS
RC7/RX/DT/SDO
RC6/TX/CK
RC5/D+/VP
RC4/D-/VM
PIC18F2550_28DIP
BACKLIGHT
JP2
ICSP
R2
100
C2
4.7u
Q4
TSOP4838
V+
OUT
GND
C6
100n
C7
4.7u
JP3
USB
JP1
RST+
RST-
PWR-
PWR+
PWR/RST
Q2
2N7000
RESET
Q3
2N7000
POWER
R7
10k
R6
10k
X1
8 MHz
C3
22p
C4
22p
R3
470
LED1
ACTIVITY
LED2 LED3 LED4
TSAL4700
R4
22
Q1
2N2222
R5
4.7k
C5
220n
T. C. A. S. O. U. D.
S7 S6 S5 S4 S3 S2 S1
TEACH CTL ALT SHIFT OK UP DOWN