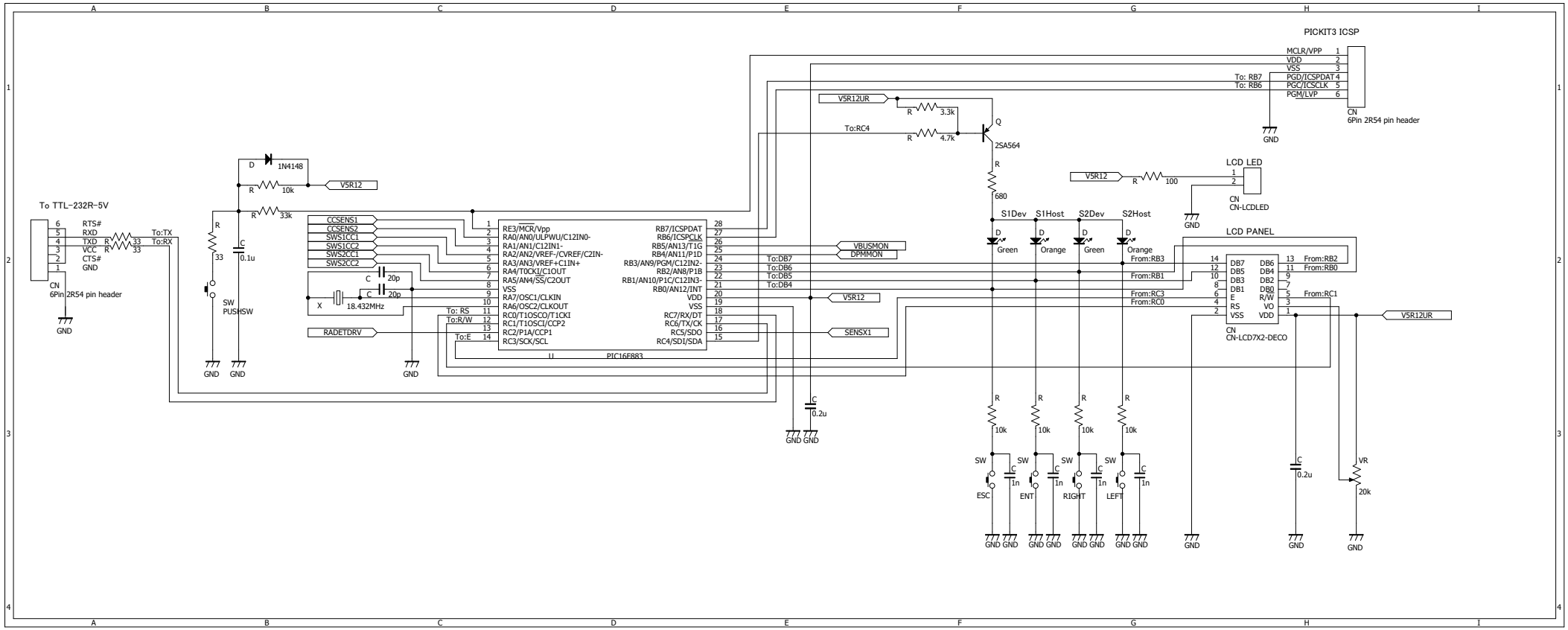
PICKIT3 ICSP
MCLR/VPP
VDD
VSS
PGD/ICSPDAT
PGC/ICSCLK
PGM/LVP
To: RB7
To: RB6
CN
6Pin 2R54 pin header
GND
V5R12UR
3.3k
4.7k
To:RC4
2SA564
680
LCD LED
V5R12
100
CN-LCDLED
To TTL-232R-5V
RTS#
RXD
TXD
VCC
CTS#
To:TX
To:RX
33
1N4148
10k
V5R12
33k
0.1u
SW
PUSHSW
CCSENS1
CCSENS2
SWS1CC1
SWS1CC2
SWS2CC1
SWS2CC2
20p
18.432MHz
RADETDRV
RE3/MCR/Vpp
RA0/AN0/ULPWU/C12IN0-
RA1/AN1/C12IN1-
RA2/AN2/VREF-/CVREF/C2IN-
RA3/AN3/VREF+/C1IN+
RA4/T0CKI/C1OUT
RA5/AN4/SS/C2OUT
VSS
RA7/OSC1/CLKIN
RA6/OSC2/CLKOUT
RC0/T1OSCO/T1CKI
RC1/T1OSCI/CCP2
RC2/P1A/CCP1
RC3/SCK/SCL
RB7/ICSPDAT
RB6/ICSPCLK
RB5/AN13/T1G
RB4/AN11/P1D
RB3/AN9/PGM/C12IN2-
RB2/AN8/P1B
RB1/AN10/P1C/C12IN3-
RB0/AN12/INT
VDD
VSS
RC7/RX/DT
RC6/TX/CK
RC5/SDO
RC4/SDI/SDA
To: RS
To:R/W
To:E
U
PIC16F883
VBUSMON
DPMMON
V5R12
SENSX1
To:DB7
To:DB6
To:DB5
To:DB4
0.2u
S1Dev
S1Host
S2Dev
S2Host
Green
Orange
Green
Orange
From:RB3
From:RB1
From:RC3
From:RC0
LCD PANEL
DB7
DB5
DB3
DB1
E
RS
VSS
DB6
DB4
DB2
DB0
R/W
VO
VDD
From:RB2
From:RB0
From:RC1
CN
CN-LCD7X2-DECO
10k
1n
ESC
ENT
RIGHT
LEFT
VR
20k