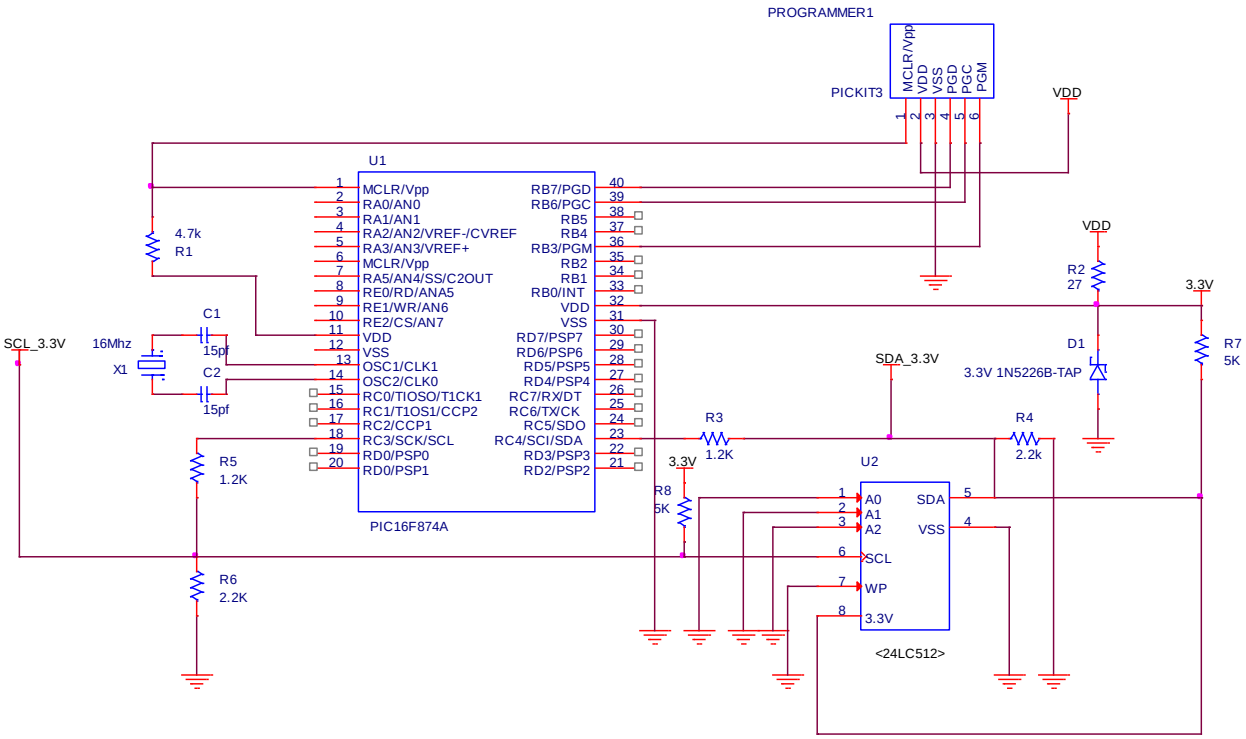
PROGRAMMER1
PICKIT3
MCLR/Vpp
VDD
VSS
PGD
PGC
PGM
VDD
U1
MCLR/Vpp
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN3/VREF+
MCLR/Vpp
RA5/AN4/SS/C2OUT
RE0/RD/ANA5
RE1/WR/AN6
RE2/CS/AN7
VDD
VSS
OSC1/CLK1
OSC2/CLK0
RC0/TIOSO/T1CK1
RC1/T1OS1/CCP2
RC2/CCP1
RC3/SCK/SCL
RD0/PSP0
RD0/PSP1
RB7/PGD
RB6/PGC
RB5
RB4
RB3/PGM
RB2
RB1
RB0/INT
VDD
VSS
RD7/PSP7
RD6/PSP6
RD5/PSP5
RD4/PSP4
RC7/RX/DT
RC6/TX/CK
RC5/SDO
RC4/SCI/SDA
RD3/PSP3
RD2/PSP2
PIC16F874A
4.7k
R1
C1
15pf
16Mhz
X1
C2
15pf
SCL_3.3V
R5
1.2K
R6
2.2K
R3
1.2K
3.3V
R8
5K
SDA_3.3V
R4
2.2k
U2
A0
A1
A2
VSS
SDA
SCL
WP
3.3V
<24LC512>
VDD
R2
27
D1
3.3V 1N5226B-TAP
3.3V
R7
5K