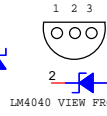


DEVELOPMENT BOARD (NEW)

+5V R1 33 VREF = 4.096V

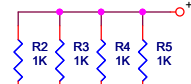
U2
LM4040



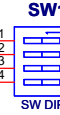
LM4040 VIEW FROM THE TOP

R6
33K 1%

PR1
PHOTO_RESISTOR



NS-PED SW
NS-LT SW
EW-PED SW
EW-LT SW



VCC
R7
100

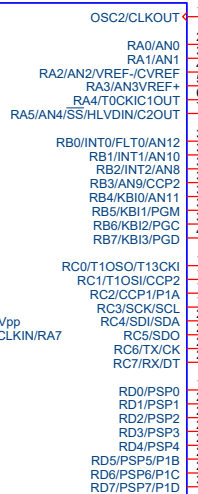
BZ1
BUZZER

Q1
2N2222
or 2N3904

TFT HEADER

USB_POWER

U1



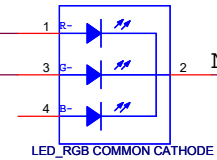
PIC18F4321

SCK SDO

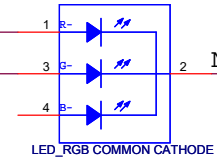


TFT D/C
TFT CS#
TFT RST#

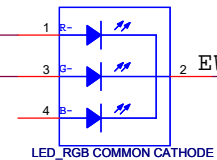
HEADER 8



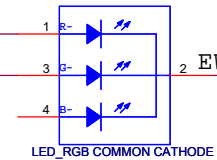
D1
NS RGB LED



D2
NS-LT RGB LED



D3
EW RGB LED



D4
EW-LT RGB LED

LAB #6 / LAB #7
ECE341L SESSION 2