

A

A

B

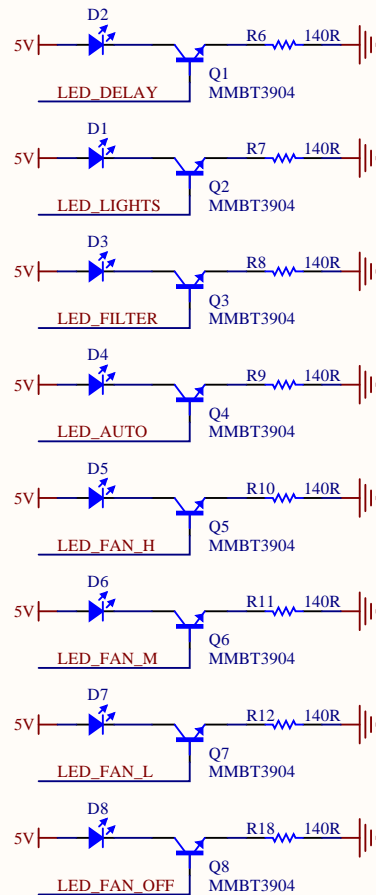
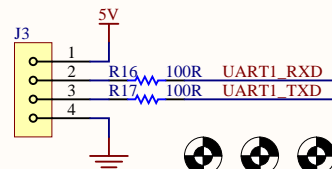
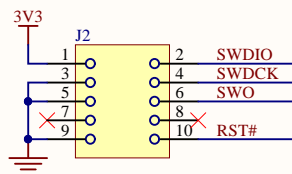
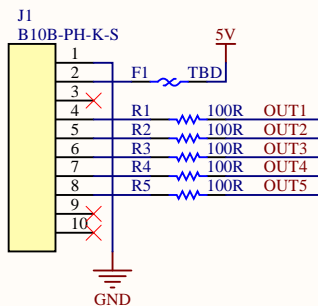
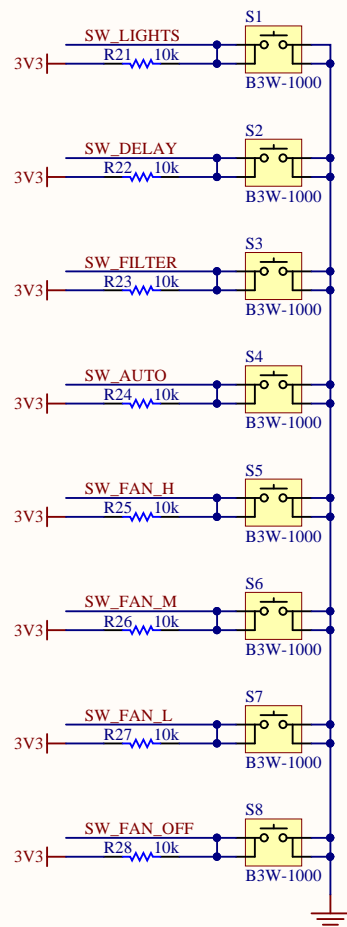
B

C

C

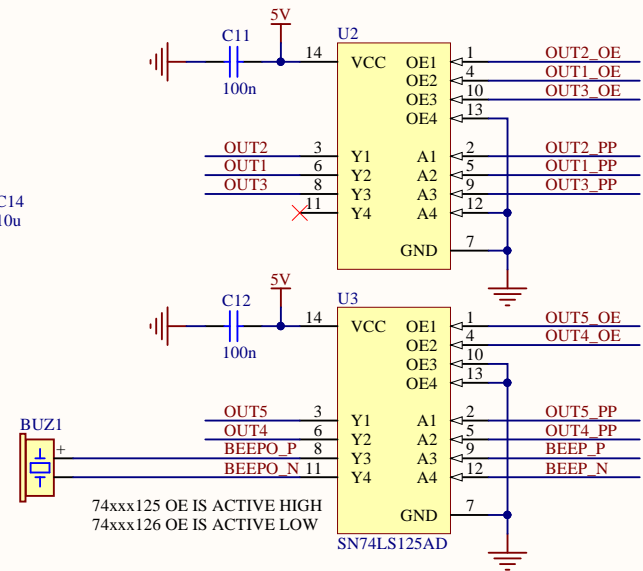
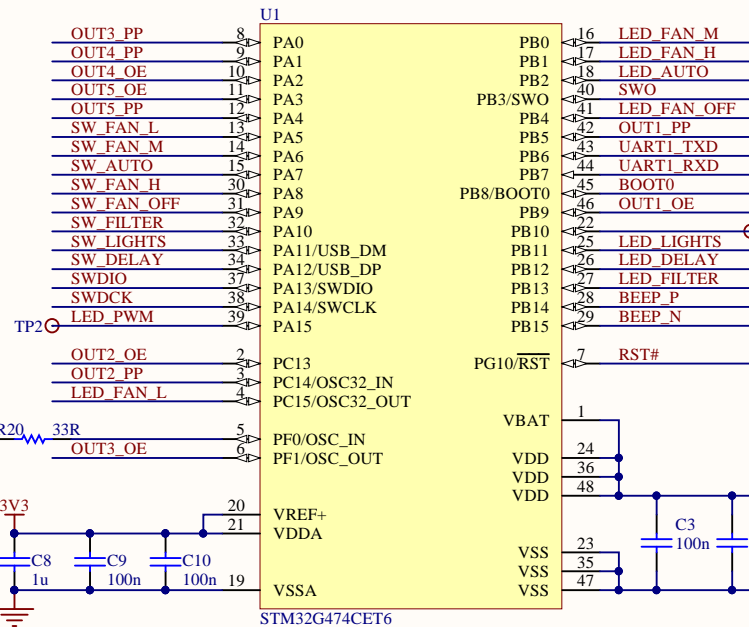
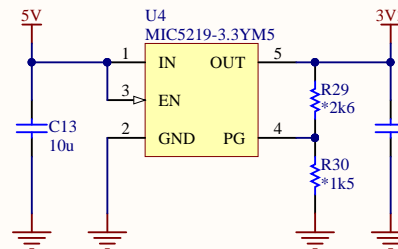
D

D

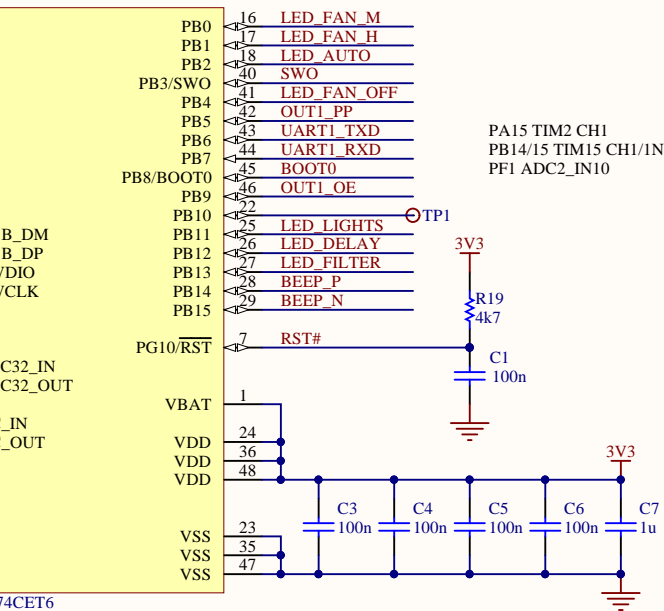


BLUE LED Vf ~3V
NPN Vbe ~0.7V
 $R = V/I = 0.7 / .005$
 $R = 70R$

$PR = VI = 0.7 * .005 = 4mW$
 $PQ = VI = (5 - 3 - .7) * .05 = 7mW$
 $PD = VI = 3 * .005 = 15mW$



BUZ1
74xxx125 OE IS ACTIVE HIGH
74xxx126 OE IS ACTIVE LOW
SN74LS125AD



Title		
Size	Number	Revision
Letter		
Date:	10/1/2024	Sheet of
File:	Z:\Projects\...\rangehoodcontrol.SchDoc	Drawn By: