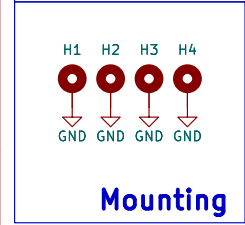
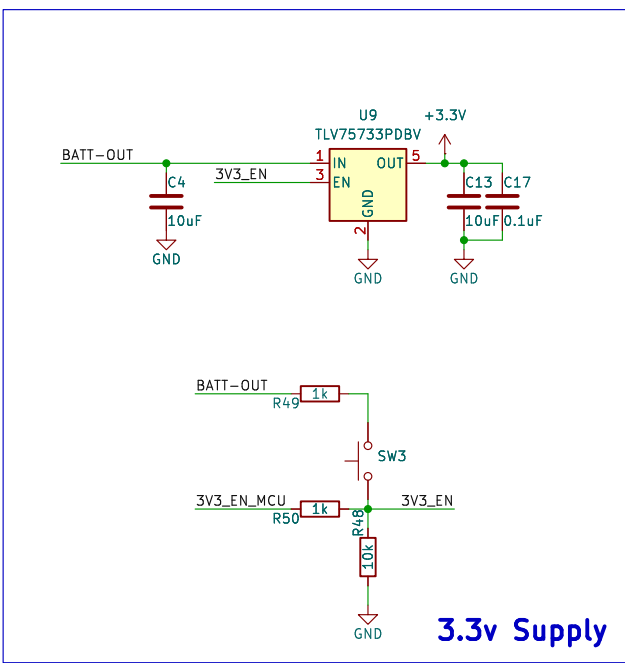


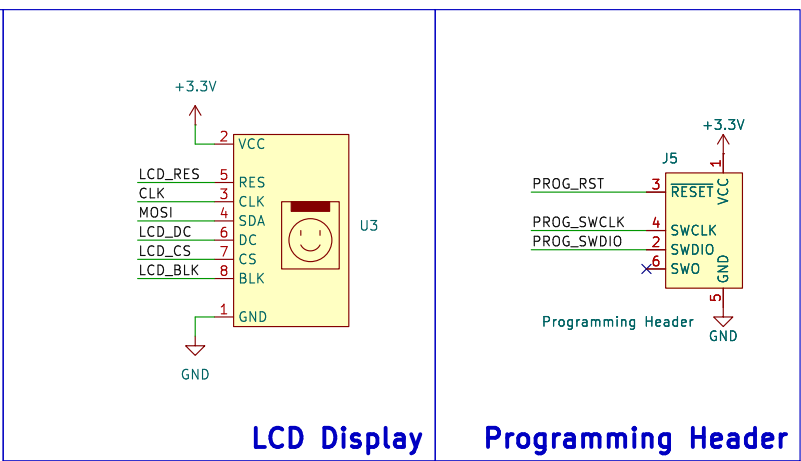
Power Input and Batt



Mounting

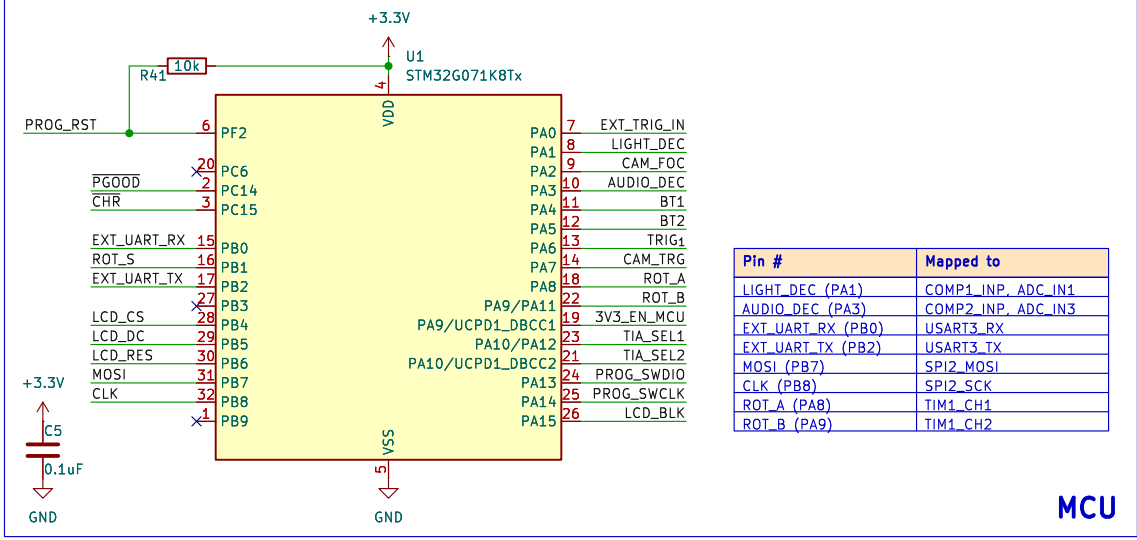


3.3v Supply



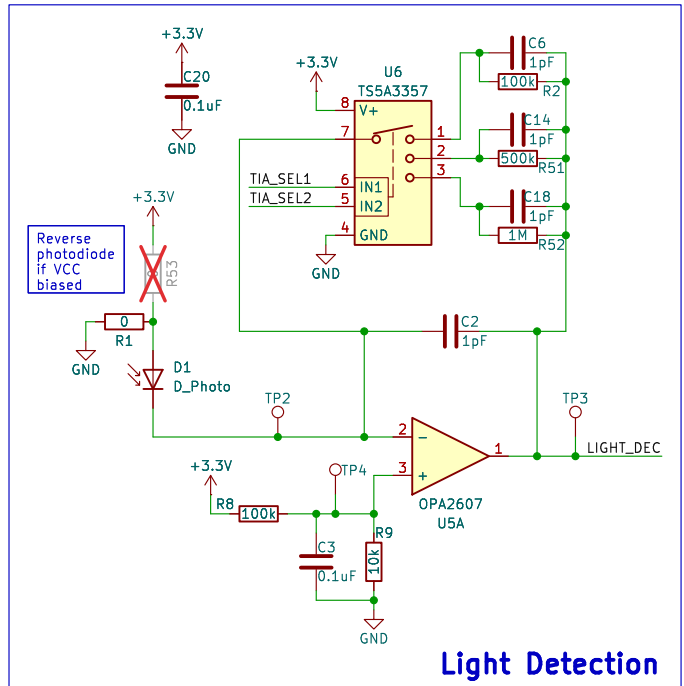
LCD Display

Programming Header

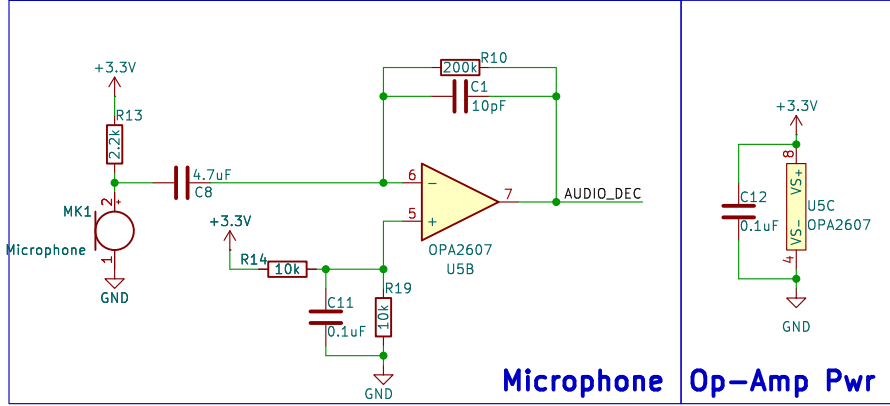


MCU

Pin #	Mapped to
LIGHT_DEC (PA1)	COMP1_INP_ADC_IN1
AUDIO_DEC (PA3)	COMP2_INP_ADC_IN3
EXT_UART_RX (PB0)	USART3_RX
EXT_UART_TX (PB2)	USART3_TX
MOSI (PB7)	SPI2_MOSI
CLK (PB8)	SPI2_SCK
PROG_SWCLK	TIM1_CH1
PROG_SWCLK	TIM1_CH2
ROT_A (PA8)	
ROT_B (PA9)	

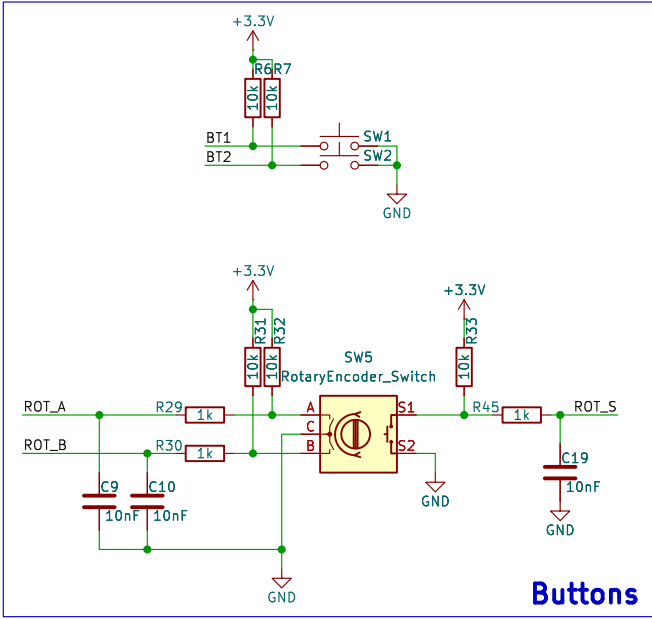


Light Detection

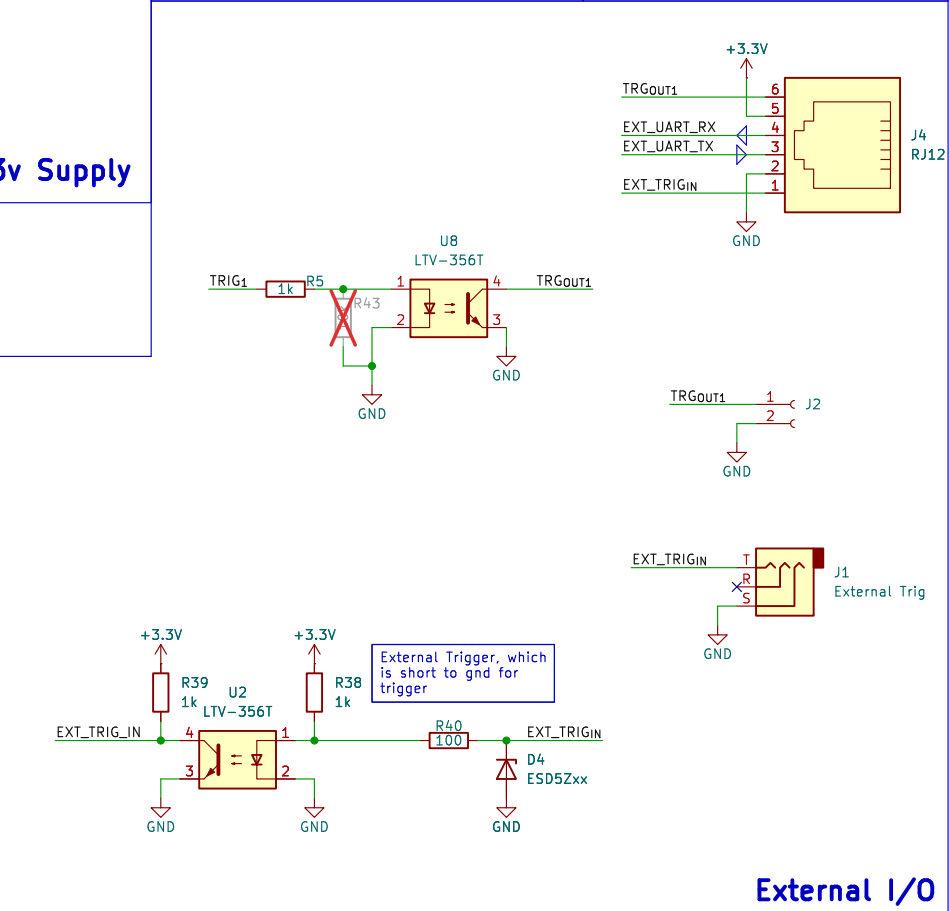


Microphone

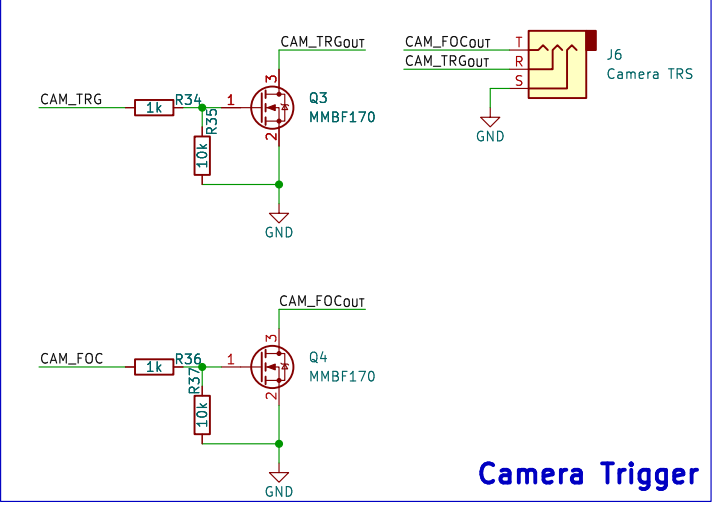
Op-Amp Pwr



Buttons



External I/O



Camera Trigger

Unless otherwise noted:  
- All resistors are 1%, >=1/10W  
- All capacitors are >=6.3v, X7R