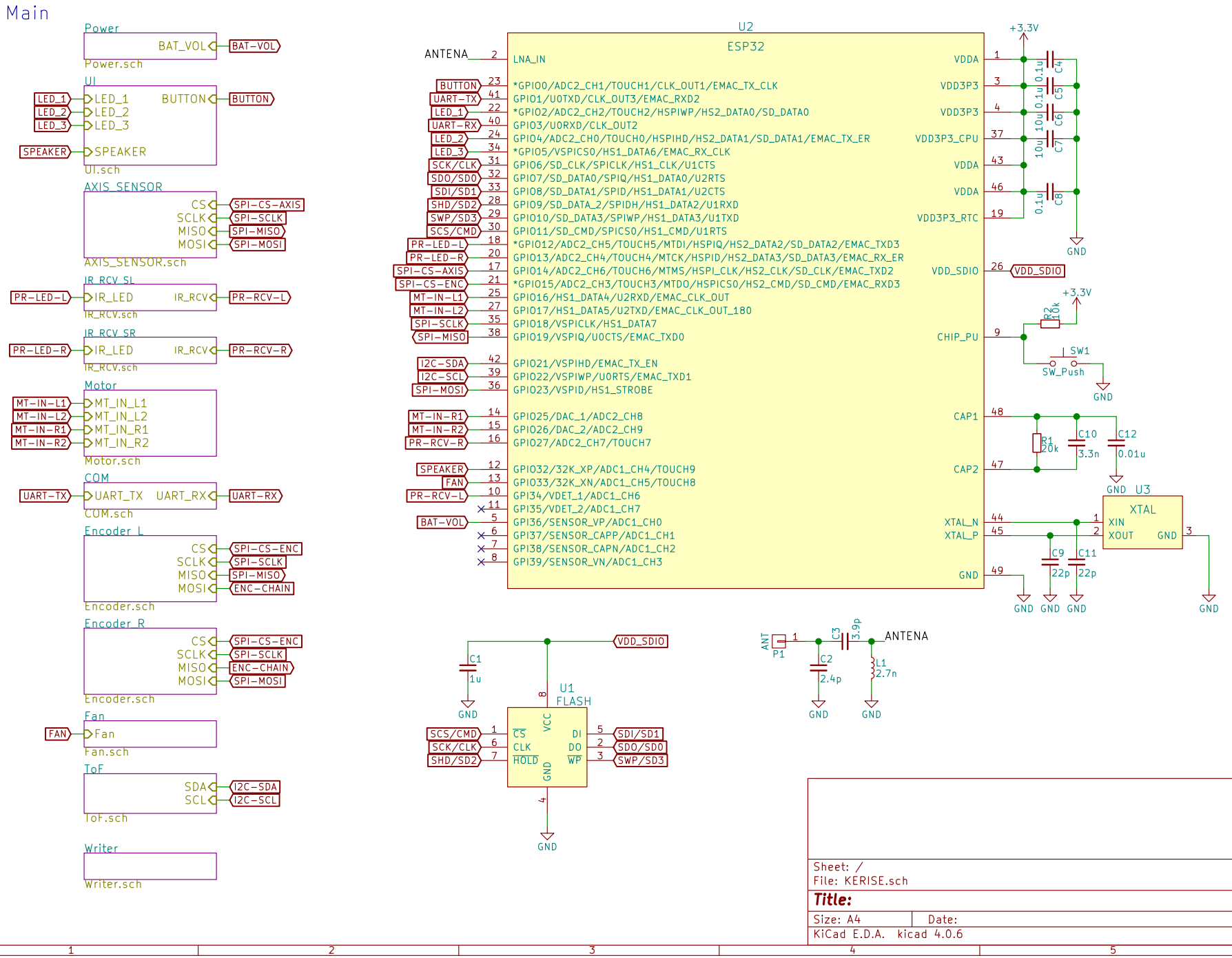
Main
Power
BAT_VOL
BAT-VOL
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UI
LED_1
LED_2
LED_3
BUTTON
SPEAKER
UI.sch
AXIS_SENSOR
CS
SCLK
MISO
MOSI
SPI-CS-AXIS
SPI-SCLK
SPI-MISO
SPI-MOSI
AXIS_SENSOR.sch
IR_RCV_SL
PR-LED-L
IR_LED
IR_RCV
PR-RCV-L
IR_RCV.sch
IR_RCV_SR
PR-LED-R
PR-RCV-R
Motor
MT-IN-L1
MT-IN-L2
MT-IN-R1
MT-IN-R2
Motor.sch
COM
UART-TX
UART_TX
UART_RX
UART-RX
COM.sch
Encoder_L
ENC-CHAIN
Encoder.sch
Encoder_R
Fan
FAN
Fan.sch
ToF
SDA
SCL
I2C-SDA
I2C-SCL
ToF.sch
Writer
Writer.sch
U2
ESP32
ANTENA
LNA_IN
*GPIO0/ADC2_CH1/TOUCH1/CLK_OUT1/EMAC_TX_CLK
GPIO1/U0TXD/CLK_OUT3/EMAC_RXD2
*GPIO2/ADC2_CH2/TOUCH2/HSPIWP/HS2_DATA0/SD_DATA0
GPIO3/U0RXD/CLK_OUT2
GPIO4/ADC2_CH0/TOUCH0/HSPIHD/HS2_DATA1/SD_DATA1/EMAC_TX_ER
*GPIO5/VSPICS0/HS1_DATA6/EMAC_RX_CLK
GPIO6/SD_CLK/SPICLK/HS1_CLK/U1CTS
GPIO7/SD_DATA0/SPIQ/HS1_DATA0/U2RTS
GPIO8/SD_DATA1/SPID/HS1_DATA1/U2CTS
GPIO9/SD_DATA_2/SPIDH/HS1_DATA2/U1RXD
GPIO10/SD_DATA3/SPIWP/HS1_DATA3/U1TXD
GPIO11/SD_CMD/SPICS0/HS1_CMD/U1RTS
*GPIO12/ADC2_CH5/TOUCH5/MTDI/HSPIQ/HS2_DATA2/SD_DATA2/EMAC_TXD3
GPIO13/ADC2_CH4/TOUCH4/MTCK/HSPID/HS2_DATA3/SD_DATA3/EMAC_RX_ER
GPIO14/ADC2_CH6/TOUCH6/MTMS/HSPI_CLK/HS2_CLK/SD_CLK/EMAC_TXD2
*GPIO15/ADC2_CH3/TOUCH3/MTDO/HSPICS0/HS2_CMD/SD_CMD/EMAC_RXD3
GPIO16/HS1_DATA4/U2RXD/EMAC_CLK_OUT
GPIO17/HS1_DATA5/U2TXD/EMAC_CLK_OUT_180
GPIO18/VSPICLK/HS1_DATA7
GPIO19/VSPIQ/U0CTS/EMAC_TXD0
GPIO21/VSPIHD/EMAC_TX_EN
GPIO22/VSPIWP/U0RTS/EMAC_TXD1
GPIO23/VSPID/HS1_STROBE
GPIO25/DAC_1/ADC2_CH8
GPIO26/DAC_2/ADC2_CH9
GPIO27/ADC2_CH7/TOUCH7
GPIO32/32K_XP/ADC1_CH4/TOUCH9
GPIO33/32K_XN/ADC1_CH5/TOUCH8
GPI34/VDET_1/ADC1_CH6
GPI35/VDET_2/ADC1_CH7
GPI36/SENSOR_VP/ADC1_CH0
GPI37/SENSOR_CAPP/ADC1_CH1
GPI38/SENSOR_CAPN/ADC1_CH2
GPI39/SENSOR_VN/ADC1_CH3
VDDA
VDD3P3
VDD3P3
VDD3P3_CPU
VDDA
VDDA
VDD3P3_RTC
VDD_SDIO
CHIP_PU
CAP1
CAP2
XTAL_N
XTAL_P
GND
+3.3V
C4 0.1u
C5 0.1u
C6 10u
C7 10u
C8 0.1u
R2 10k
SW1
SW_Push
R1 20k
C10 3.3n
C12 0.01u
U3
XTAL
XIN
XOUT
GND
C9 22p
C11 22p
U1
FLASH
VCC
GND
C1 1u
SCS/CMD
SCK/CLK
SHD/SD2
SDI/SD1
SDO/SD0
SWP/SD3
ANT
P1
C3 3.9p
C2 2.4p
L1 2.7n
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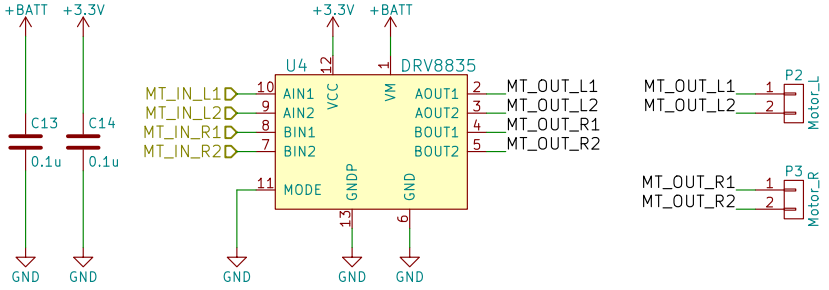
Motor



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Power

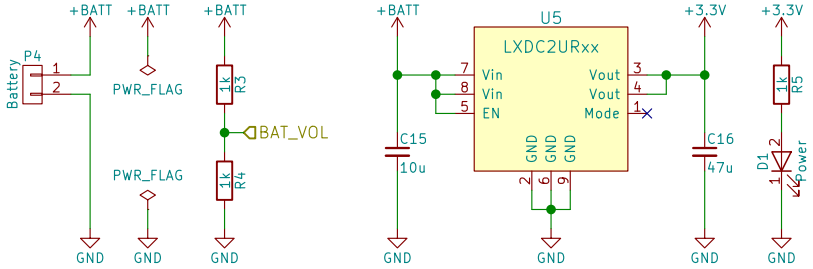

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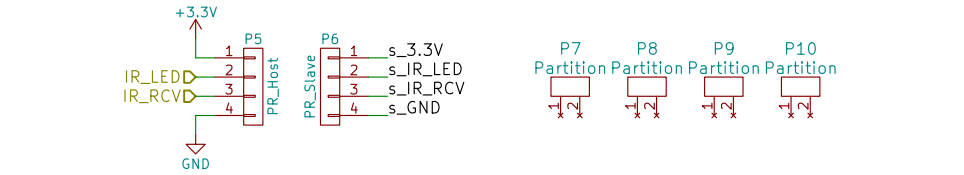
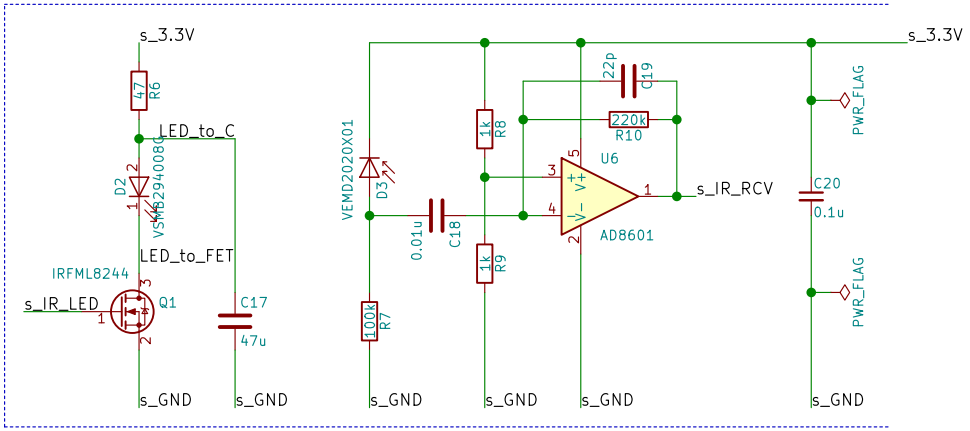
Photo Reflector





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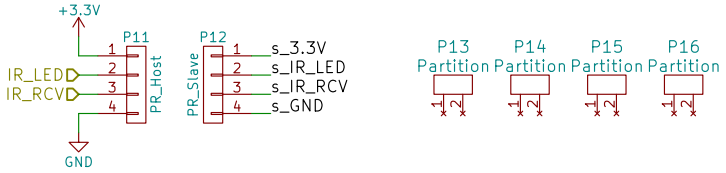

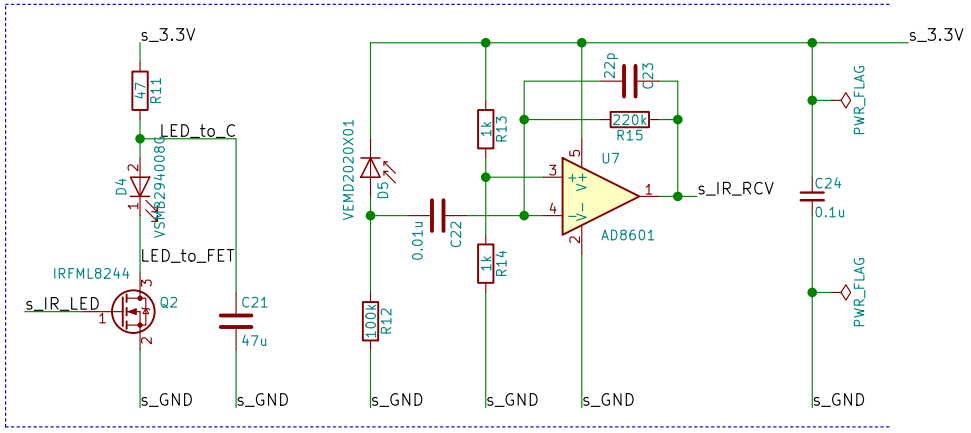

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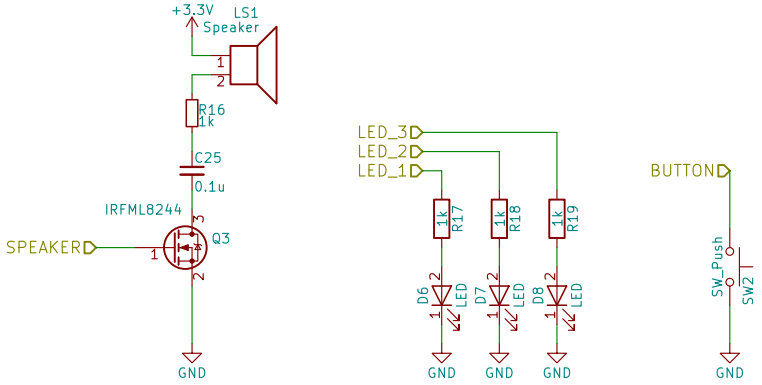
User Interface



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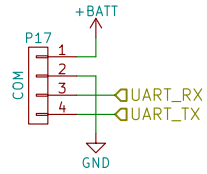
COM Port



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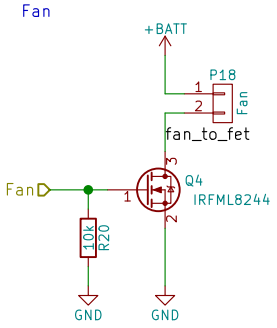

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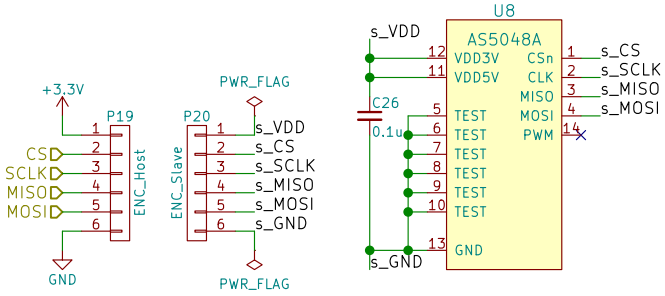

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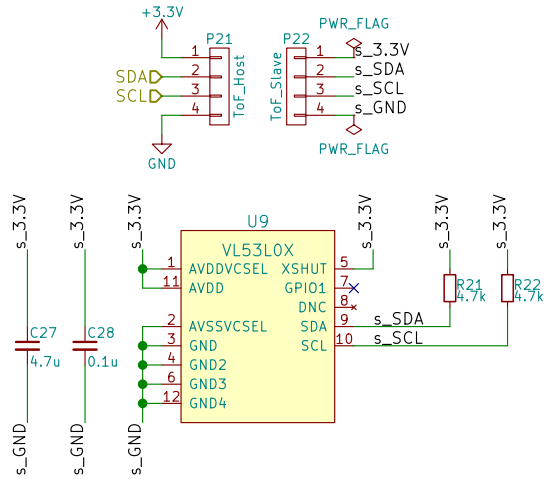
ToF



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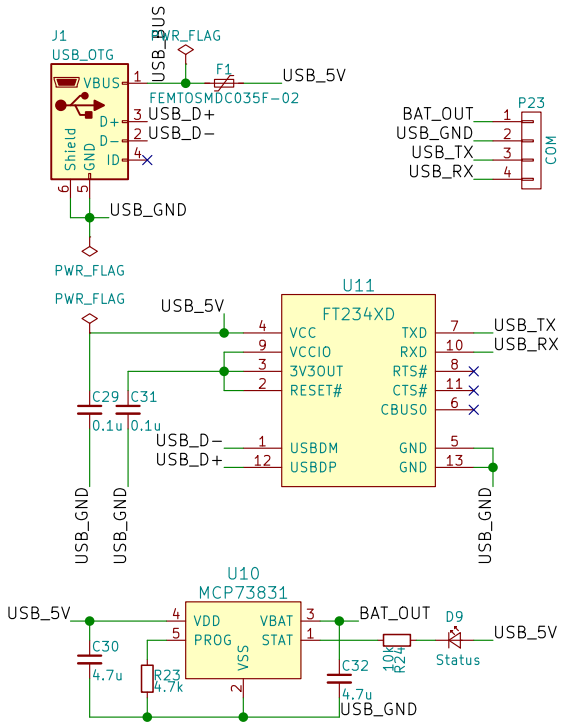

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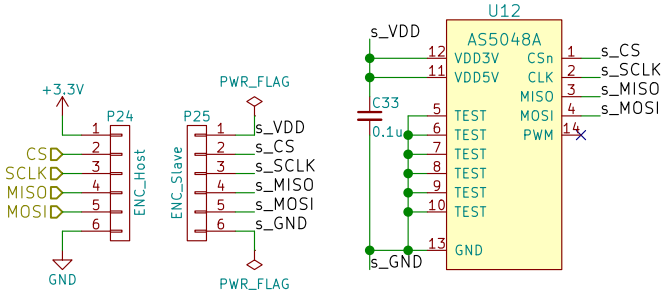

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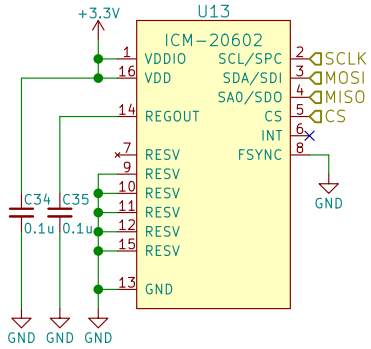
AXIS Sensor



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