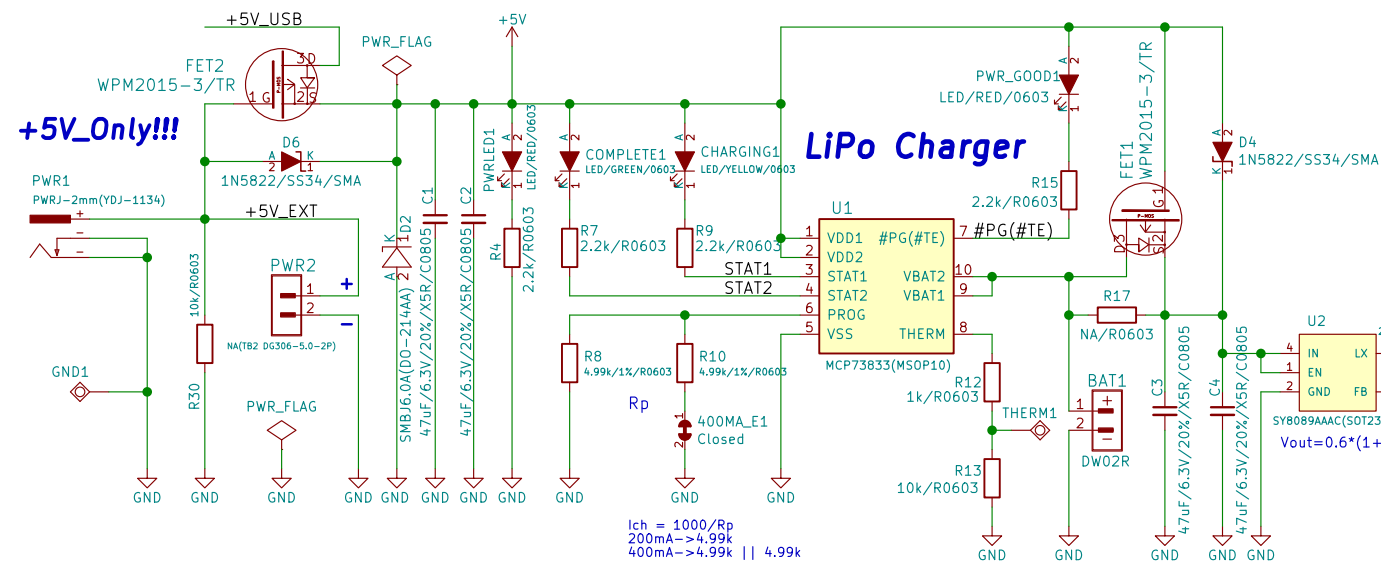
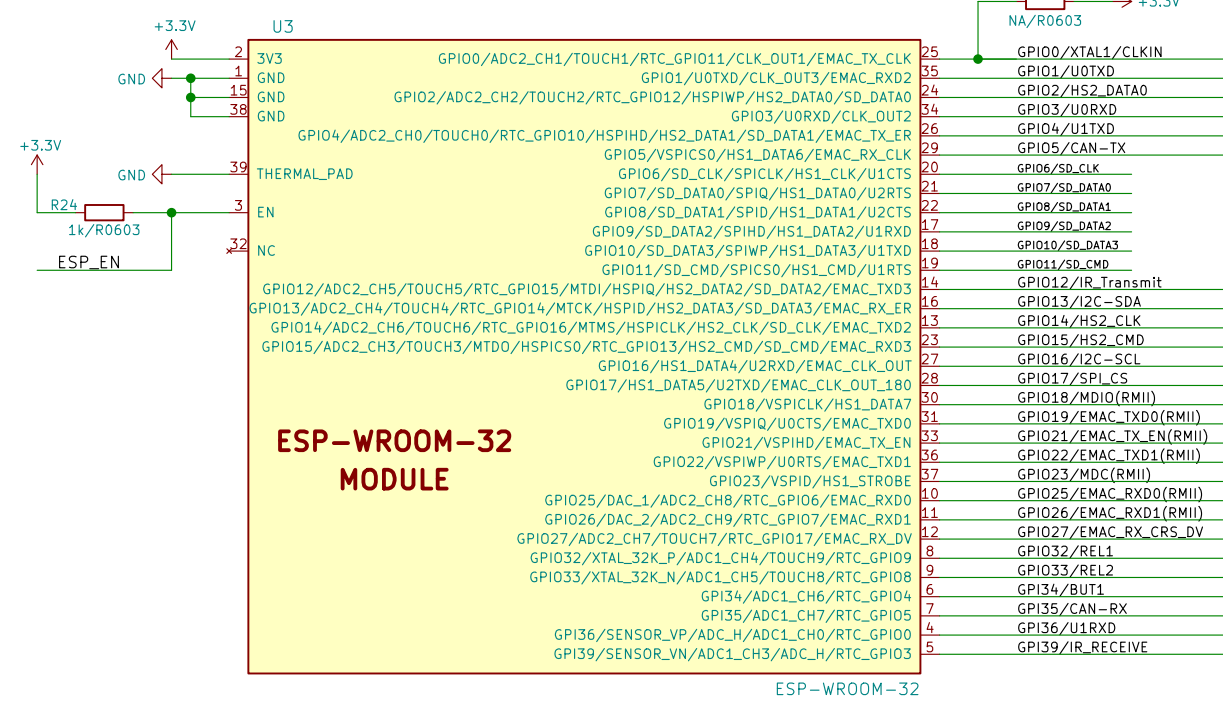


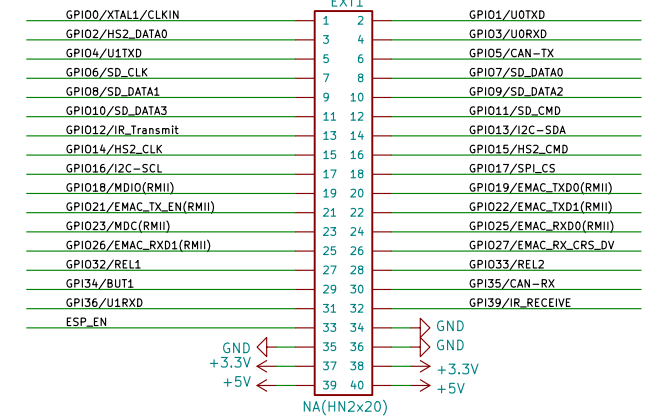
Power Supply



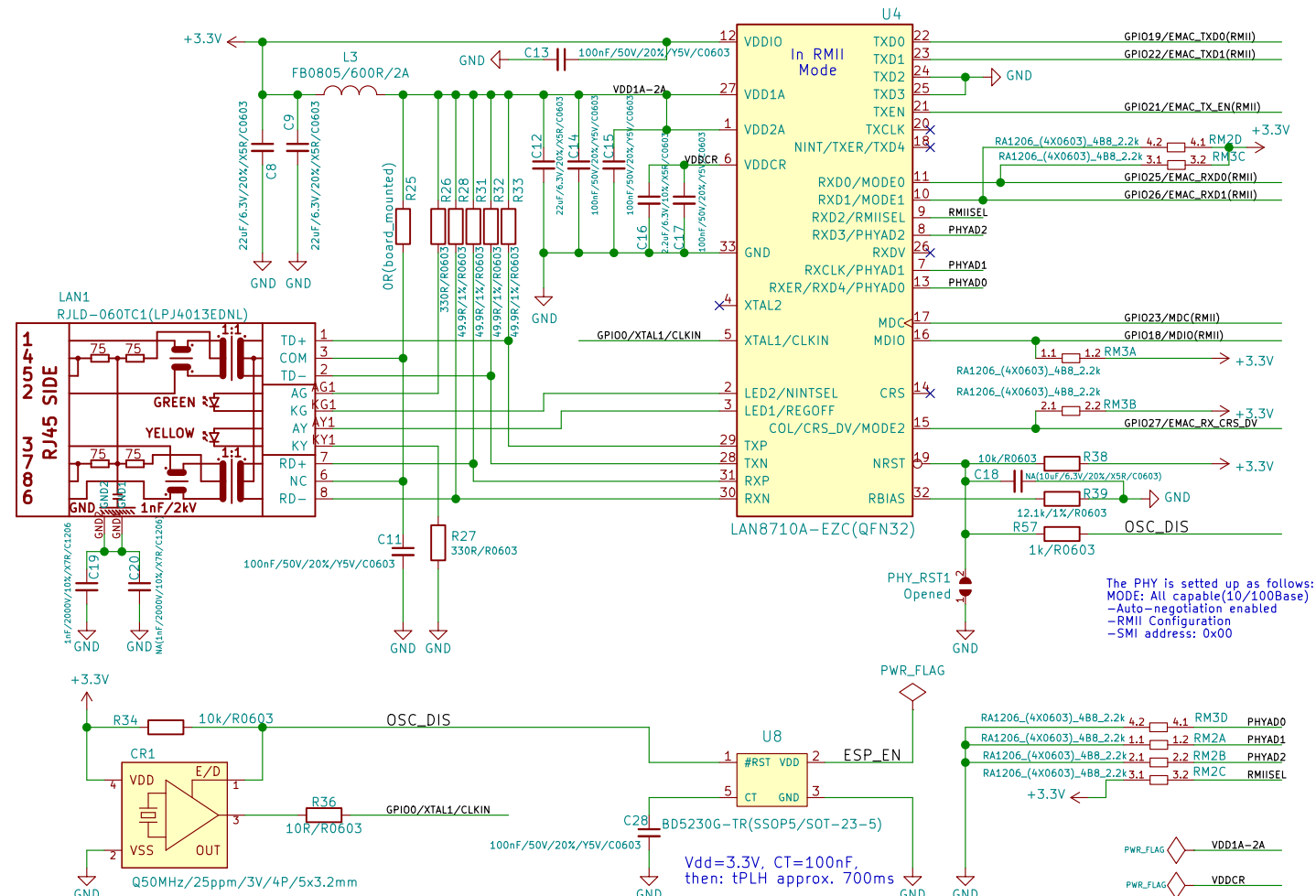
ESP-WROOM-32 MODULE



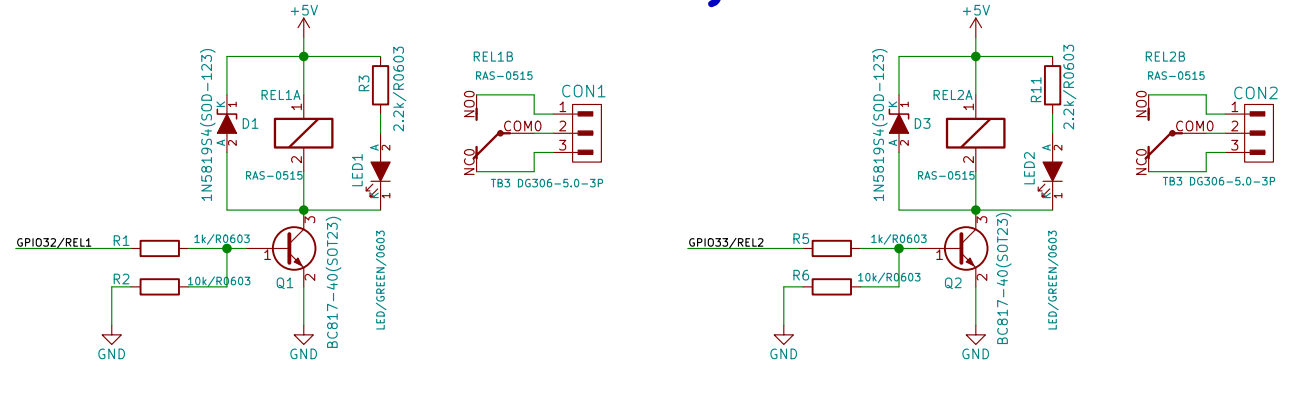
Extension



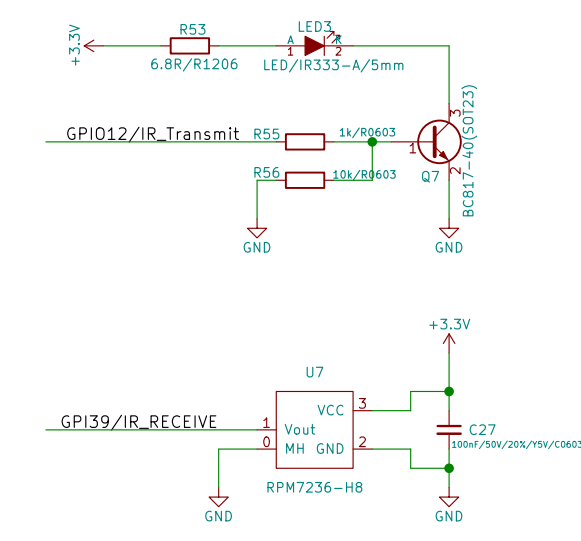
Ethernet



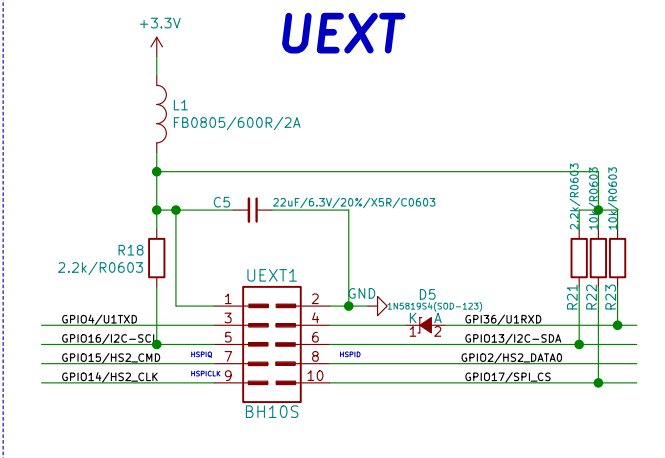
Relays



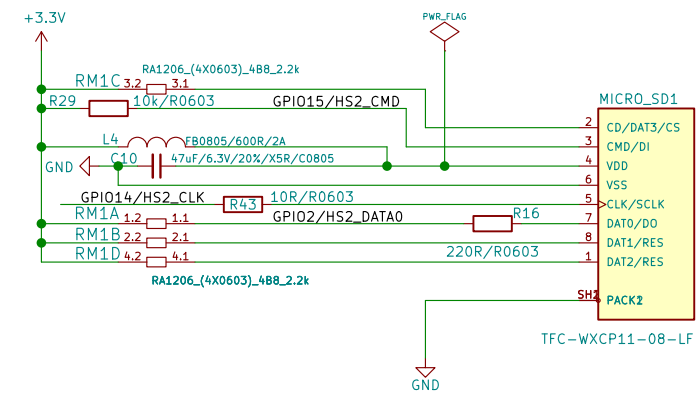
Infrared Communication



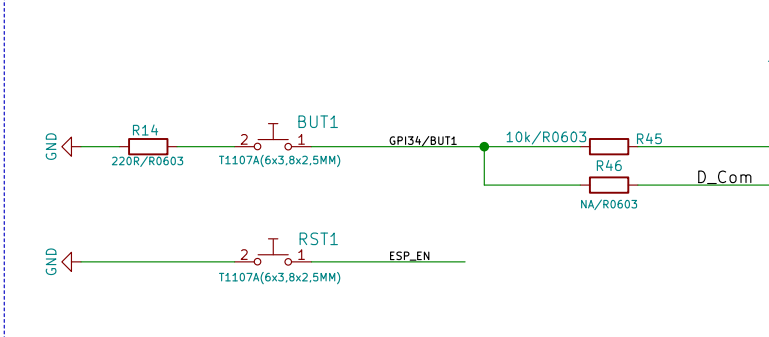
UEXT



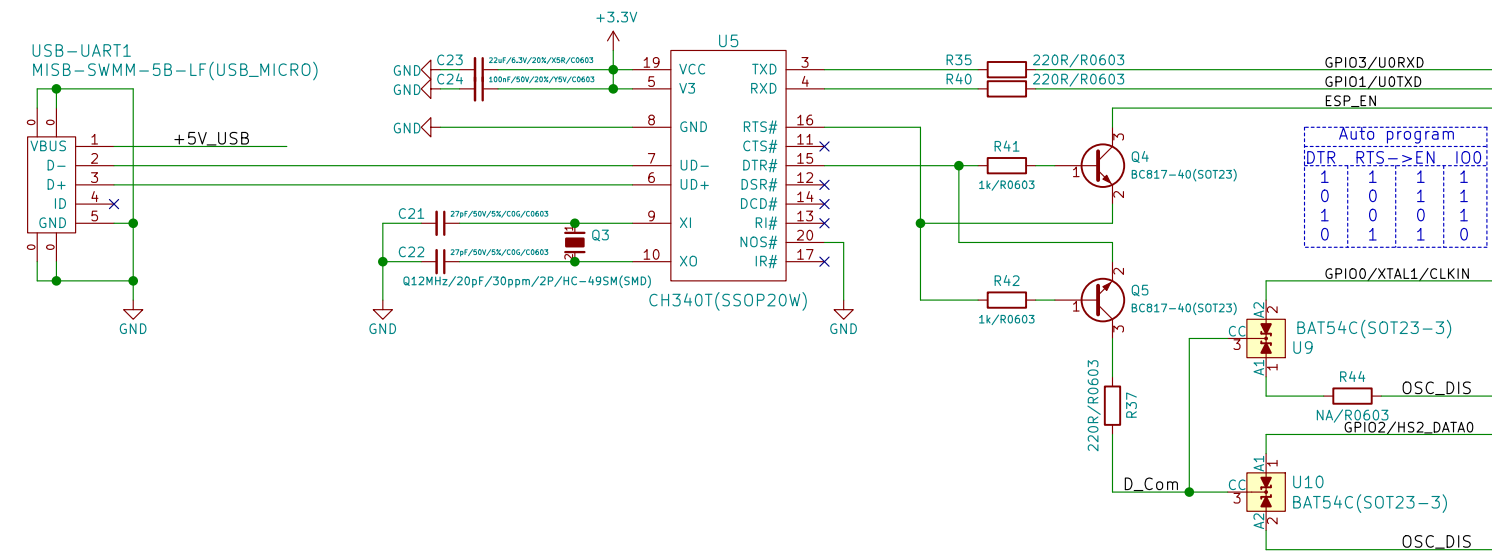
SD/MMC Card



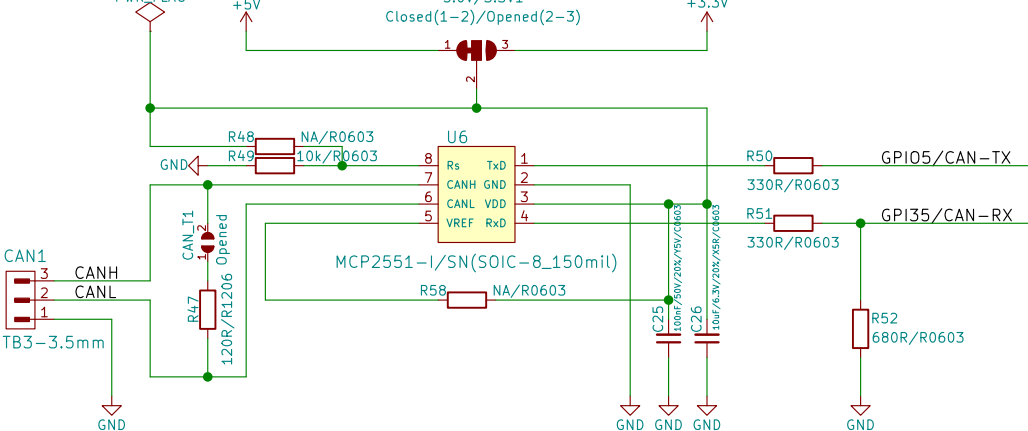
Buttons



USB to UART



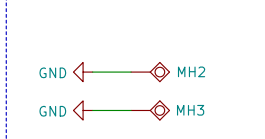
CAN Driver



Software Selectable Pins

Interface	Signal	Pin
EMAC	EMAC_WDC_out	Any GPIO
	EMAC_MDIO_in	
	EMAC_MDIO_out	
	EMAC_CRS_out	
I2C	I2CXTA_SDA_in	Any GPIO
	I2CXTA_SCL_in	
	I2CXTA_SDA_out	
	I2CXTA_SCL_out	
General Purpose SPI	HSPICLK_in/out	Any GPIO
	HSPICLK_in/out	
	HSPICLK_in/out	
	HSPICLK_in/out	

Mounting Holes



Internal Bootstrapping Resistors

MTD/GPIO12:	Pull-Down
GPIO0:	Pull-Up
GPIO2:	Pull-Down
GPIO4:	Pull-Down
MTD0/GPIO15:	Pull-Up
GPIO5:	Pull-Up

Bootstrapping Pins Settings

Pin	Default	Voltage of Internal (DDO/VDD_S060)	1.8V
GPIO12/MTD0	Pull-Down	0	1
Bootling Mode			
GPIO0	Pull-Up	0	0
GPIO2	Pull-Down	0	0
Debugging Log on U0TXD During Bootling			
GPIO15/MTD0	Pull-Up	0	0
Timing of S00 Slave			
Pin	Default	Falling-edgeOutput	Rising-edgeOutput
GPIO15/MTD0	Pull-Up	0	1
GPIO5	Pull-Up	0	1

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Sheet: /

File: ESP32-EVB_Rev_D.sch

Title: ESP32-EVB_Rev_C

Size: A2

Date:

KiCad E.D.A. kicad (5.0.0-rc2-dev-179-gab3780148)

Rev: C

Id: 1/1

Options were added for MCP2562-E/SN and SN65HVD230D usage!