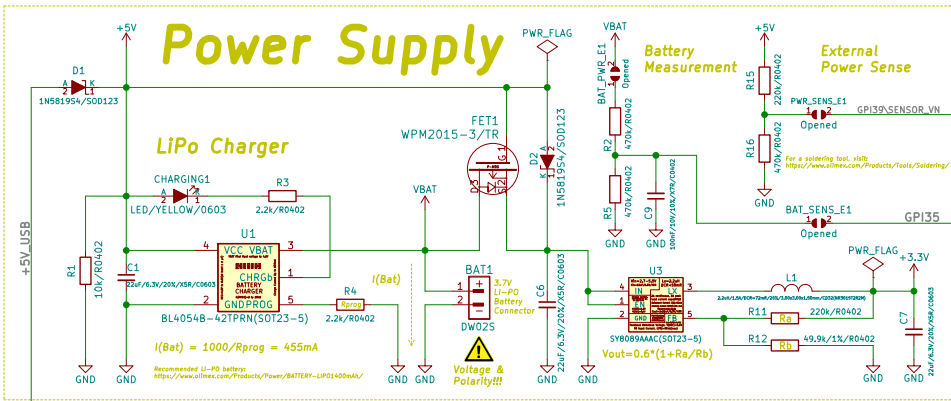
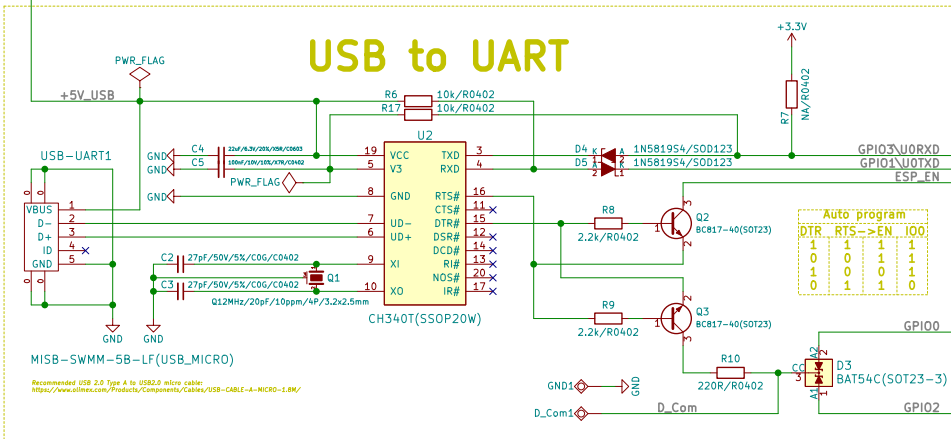


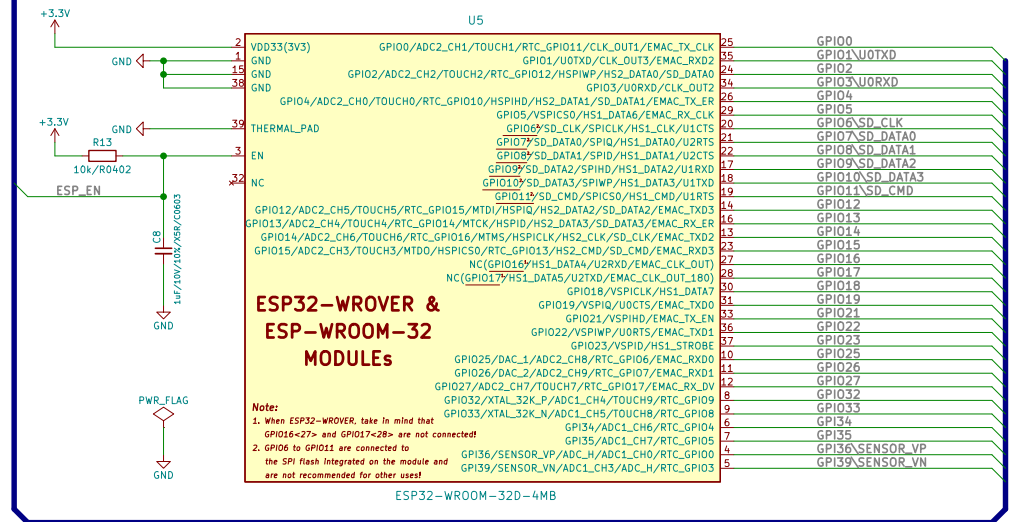
Power Supply



USB to UART



ESP32-WROOM-32x-xxx MODULE

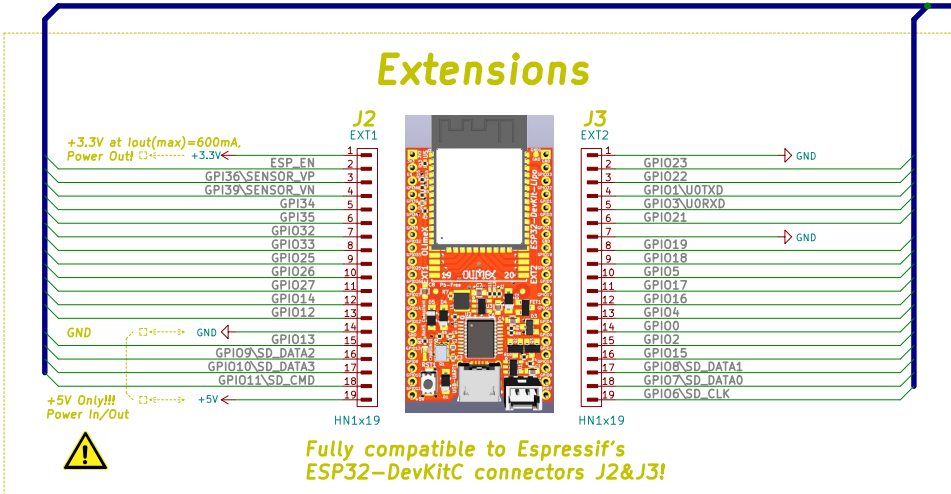


Fiducials:

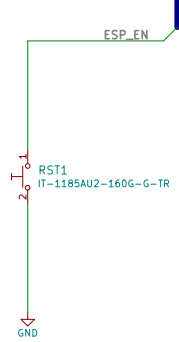


Pin	Default	Bootstrapping Mode
MTDI/GPIO12:	Pull-Down	Download Boot
GPIO10:	Pull-Up	Download Boot
GPIO2:	Pull-Down	Download Boot
GPIO4:	Pull-Down	Download Boot
MTDO/GPIO15:	Pull-Up	Download Boot
GPIO5:	Pull-Up	Download Boot

Extensions



Reset Button



Software Selectable Pins

Interface	Signal	Pin
EMAC	EMAC_MDC_out	Any GPIO
	EMAC_MDL_in	
	EMAC_MDO_out	
	EMAC_COL_out	
I2C	I2CEXT0_SCL_in	Any GPIO
	I2CEXT0_SDA_in	
	I2CEXT1_SCL_in	
	I2CEXT1_SDA_in	
	I2CEXT0_SCL_out	
	I2CEXT0_SDA_out	
General Purpose SPI	HSPILQ_in/_out	Any GPIO
	HSPID_in/_out	
	HSPICLK_in/_out	
	HSPICSO_in/_out	
	HSPICS1_out	
	HSPICS2_out	
	VSPILQ_in/_out	
	VSPICSO_in/_out	

Pin	Default	Voltage of Internal LDO(VDD_50IO)	Timing of SDIO Slave
GPIO12/MTDI	Pull-Down	3.3V	0
GPIO10	Pull-Up	1.8V	1
GPIO2	Pull-Down	0	0
GPIO4	Pull-Down	0	0
GPIO15/MTDO	Pull-Up	0	0
GPIO5	Pull-Up	0	0



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 File: ESP32-DevKit-Lipo_Rev_C.sch
Title: ESP32-DevKit-Lipo

Size: A3 Date: 2020-06-09
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