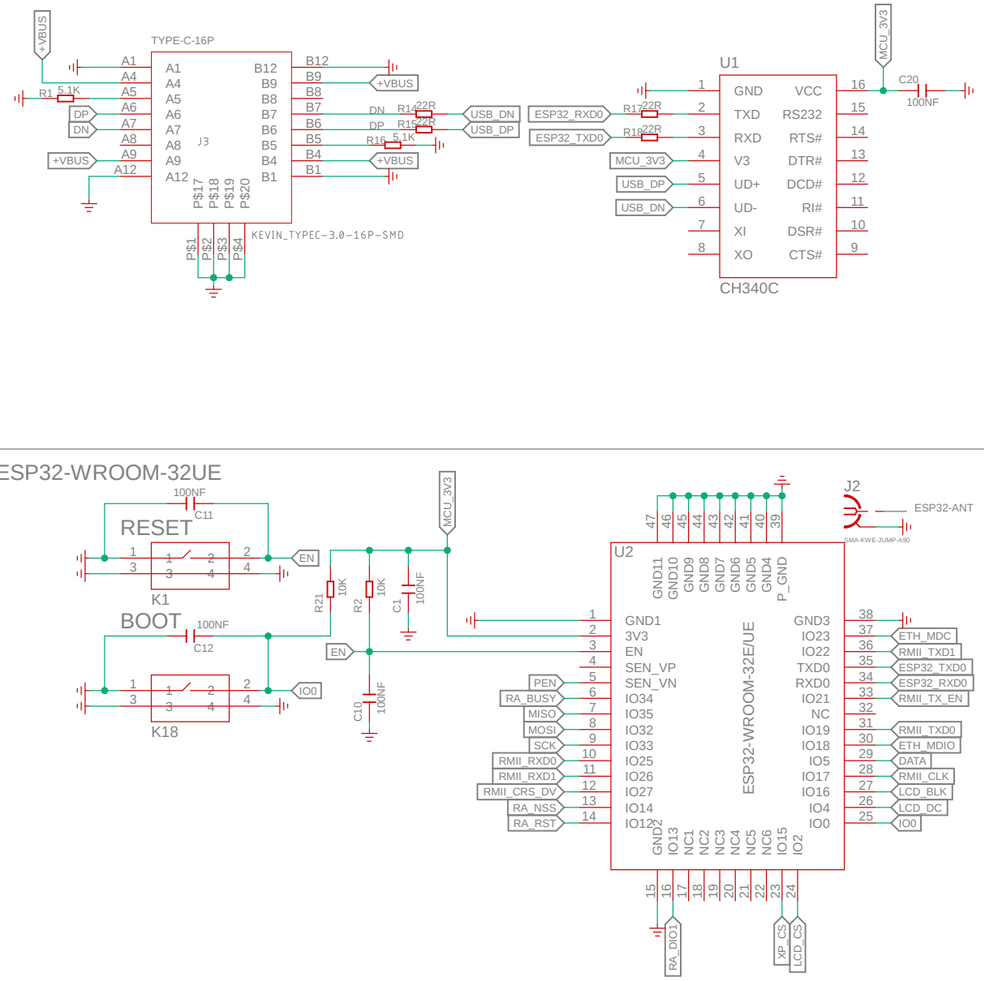
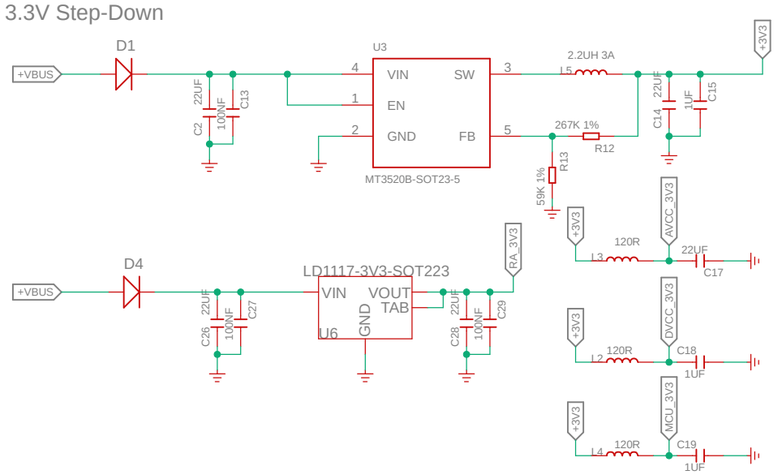
USB TO UART

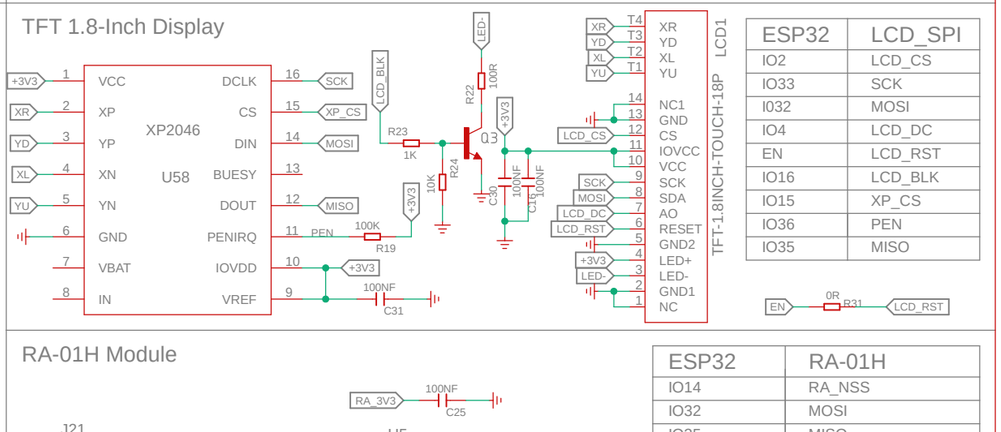


5V TO 3.3V Step-Down



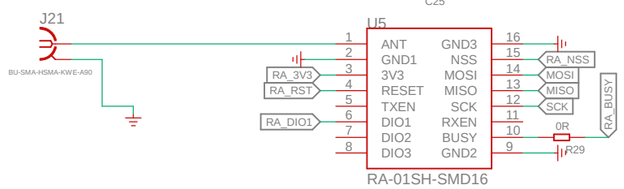
ESP32-WROOM-32UE

TFT 1.8-Inch Display



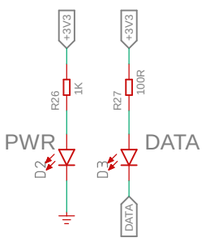
ESP32	LCD_SPI
IO2	LCD_CS
IO33	SCK
I032	MOSI
IO4	LCD_DC
EN	LCD_RST
IO16	LCD_BLK
IO15	XP_CS
IO36	PEN
IO35	MISO

RA-01H Module

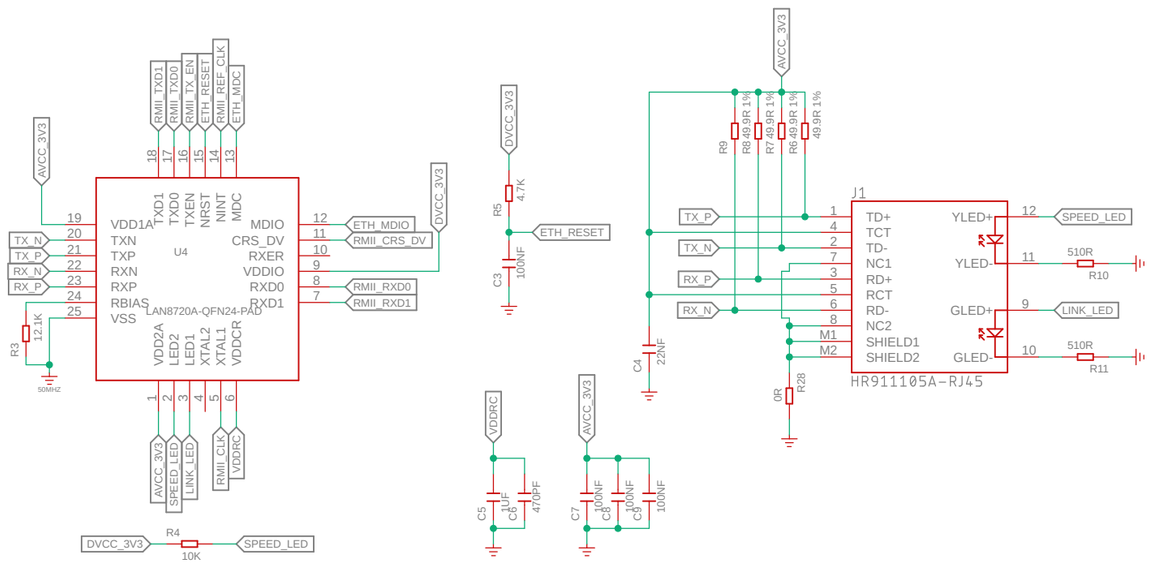


ESP32	RA-01H
IO14	RA_NSS
IO32	MOSI
IO35	MISO
IO33	SCK
IO34	RA_BUSY
IO12	RA_RST
IO13	RA_DIO1

LED Indicator



Ethernet



ESP32	Ethernet
IO23	ETH_MDC
IO22	RMII_TXD1
IO21	RMII_TX_EN
IO19	RMII_TXD0
IO18	ETH_MDIO
IO17	RMII_CLK
IO27	RMII_CRS_DV
IO26	RMII_RXD1
IO25	RMII_RXD0
IO39	RMII_REF_CLK