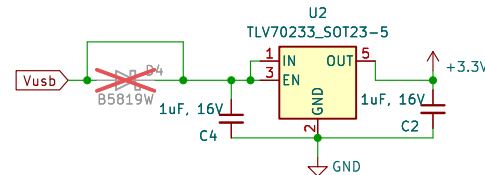
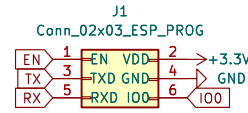
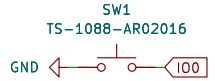
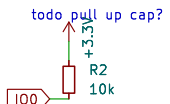


TODD:  
not sure if these tiny diodes help.  
they purpose is ESD protection. ESP32  
has internal ESD protection diodes.  
LES5D5.0CT1G: <1ns response time, 150W peak power.



USB Flashing  
<https://developer.espressif.com/blog/dfu-using-the-native-usb-on-esp32-s2-for-flashing-the-firmware/>  
USB DFU (Device Firmware Upgrade)  
"After connecting and powering the board, we are able to enter in DFU mode by holding BOOT and pressing and releasing the RST (reset) button."

Sheet: /	
File: Fugu2-esp32s3-wroom-head.kicad_sch	
<b>Title:</b>	
Size: A4	Date:
KiCad E.D.A. 8.0.6	Rev:
Id: 1/1	