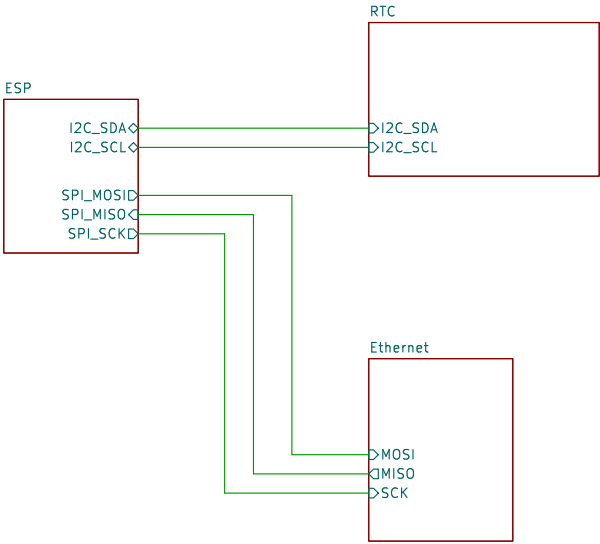
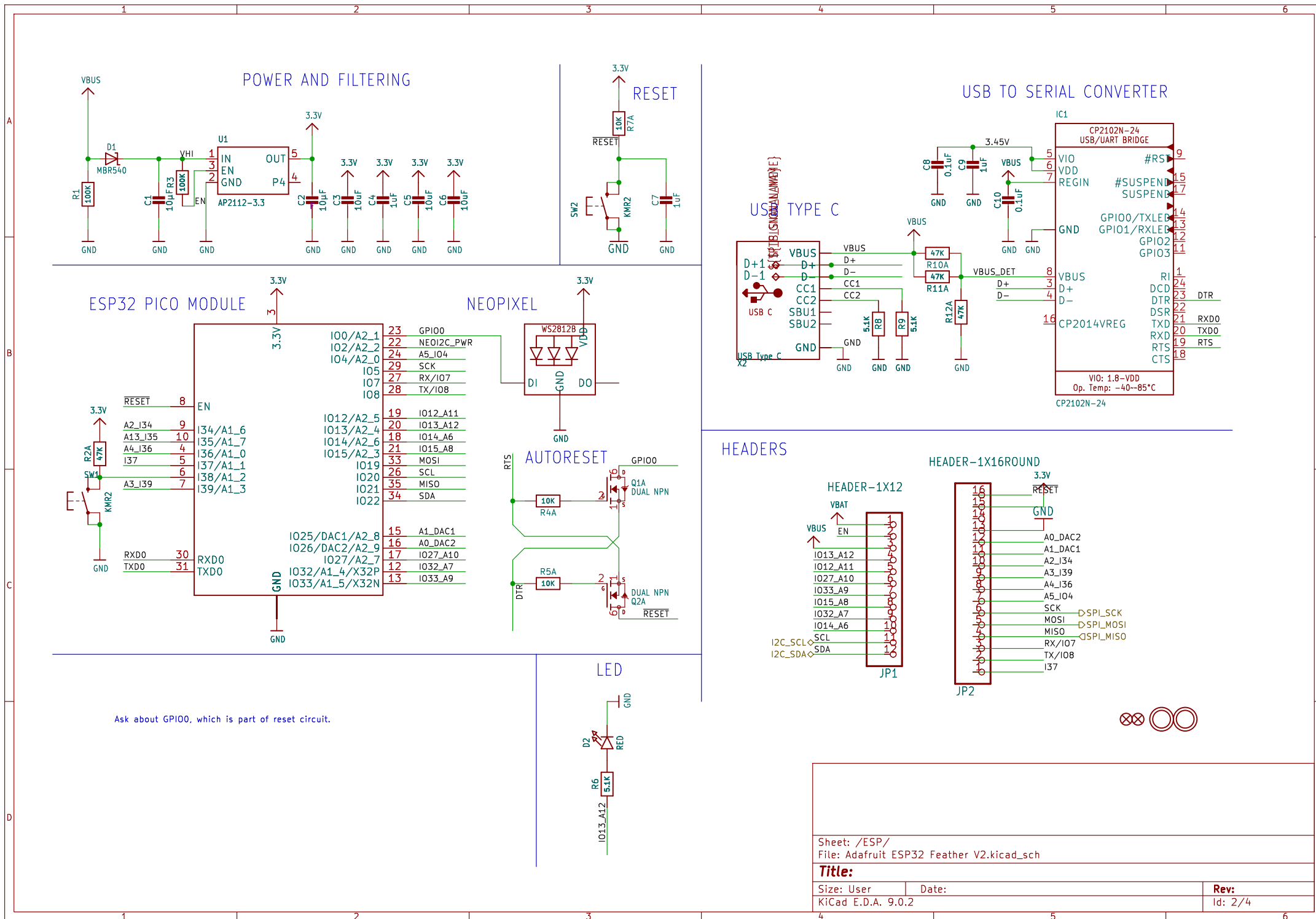


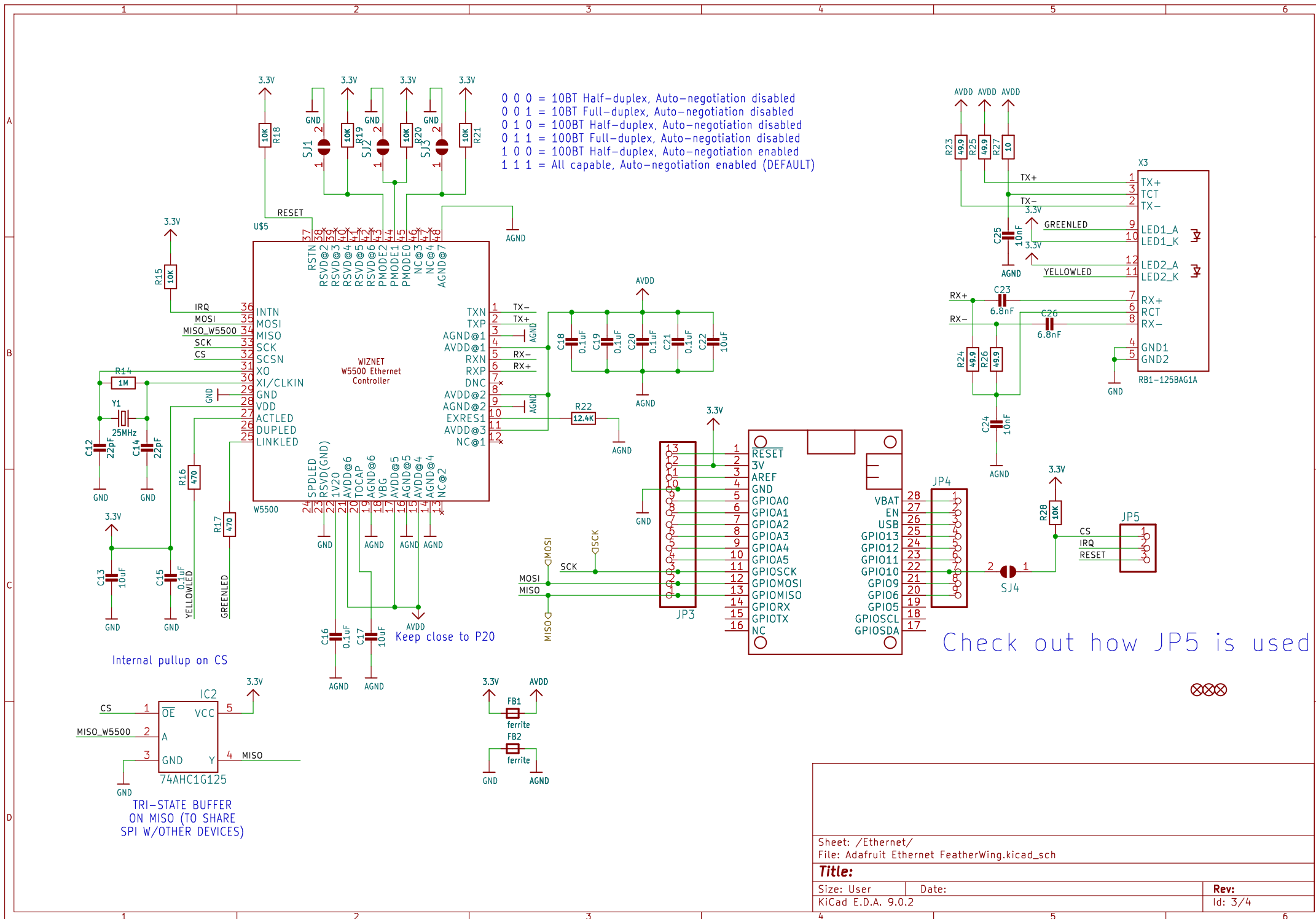
Notes:  
12V – 2A barrel power supply comes with camera with pigtail...  
Max enclosure size is 15cm x 8 cm. Will be 3D printed  
Will be built by hand with hot air gun, 0804 or 0603 passives  
Do we want the headers to be available?  
Do we want to remove/set the jumpers?  
Keep LED from ESP board. Put in position to be visible outside enclosure (light pipe?)  
Does a bootloader need to be loaded on to the ESP before placing on board?

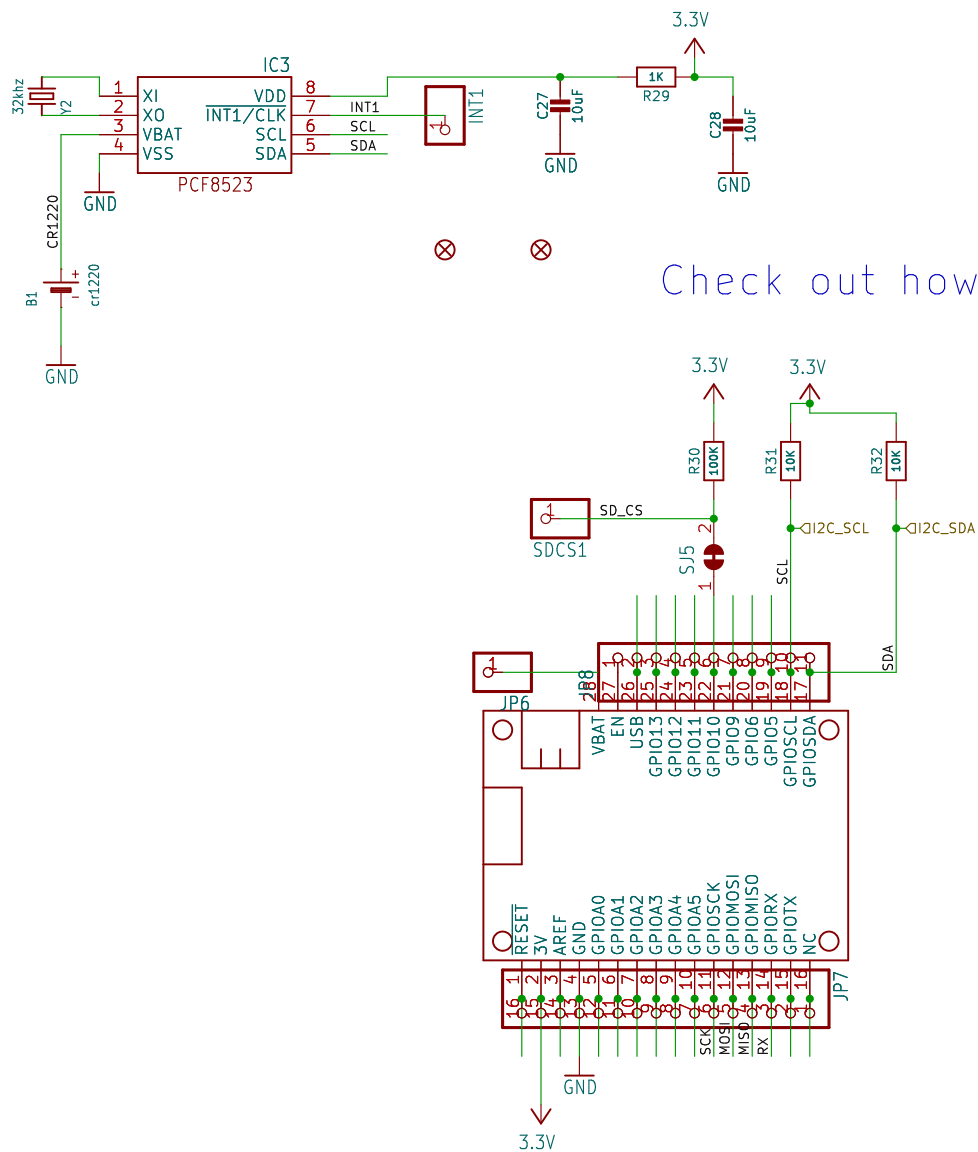
Todo:  
Check “3.45V” net on USB-to-Serial converter on ESP page.  
Create Global labels, remove The header/model from other pages.  
add power connector details and LM2575, use switch for power selection  
Add test points  
Generate BOM  
Check footprints (Export/Import symbol libraries from originals)



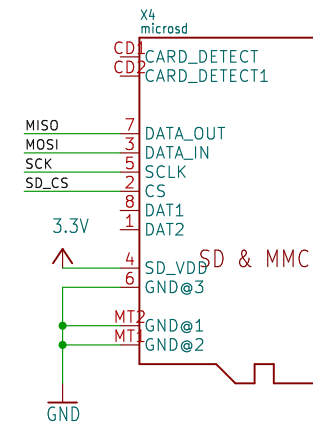
Kingdom Metrics		
Sheet: /		
File: Genesis.kicad_sch		
Title: Genesis Board		
Size: A4	Date: 2025-04-24	Rev: 0.1
KiCad E.D.A. 9.0.2	Id: 1/4	







Check out how INT1 and SDCS1 jumpers are used.



Sheet: /RTC/  
File: adalogger featherwing.kicad\_sch

**Title:**

Size: User Date:  
KiCad E.D.A. 9.0.2

**Rev:**  
Id: 4/4