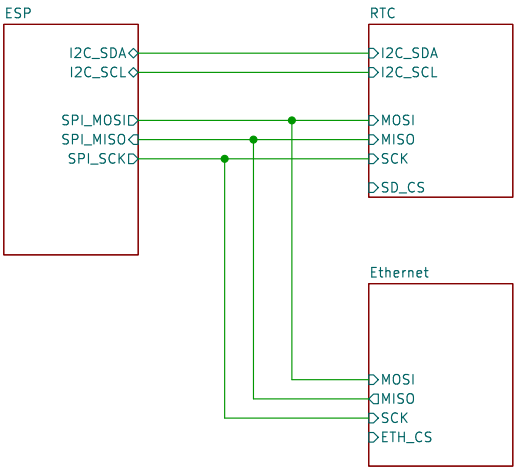
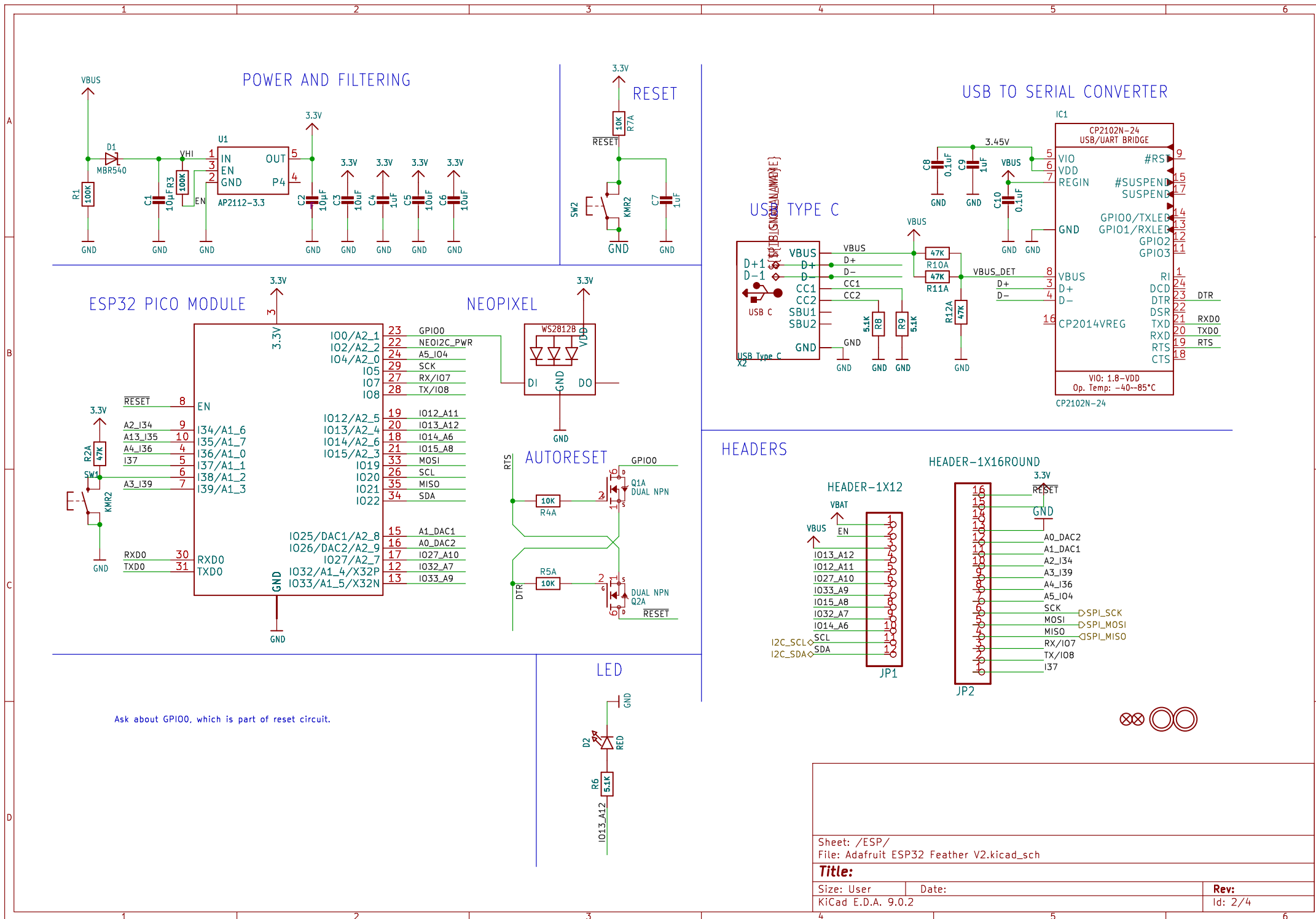


Notes:
12V – 2A barrel power supply comes with camera with pigtail...
Max enclosure size is 15cm x 8 cm. Will be 3D printed
Will be built by hand with hot air gun, 0804 or 0603 passives
Do we want the headers to be available?
Do we want to remove/set the jumpers?
Keep LED from ESP board. Put in position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

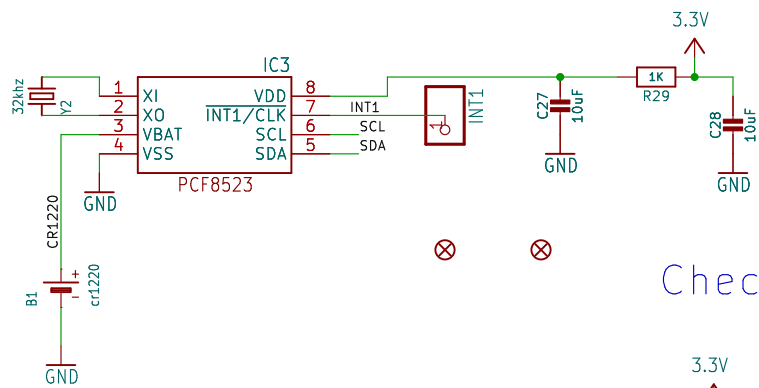
Todo:
Check "3.45V" net on USB-to-Serial converter on ESP page.
add power connector details and LM2575, use switch for power selection
Add test points
Generate BOM
Check footprints (Export/Import symbol libraries from originals)



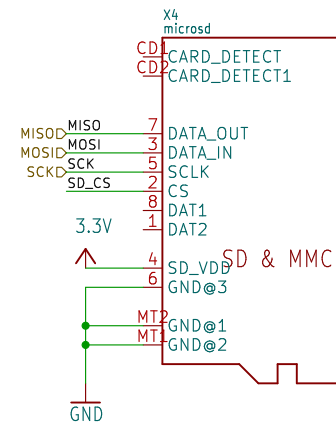
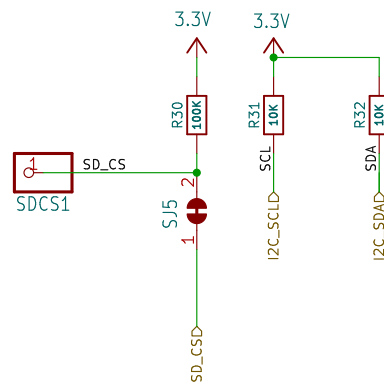
Kingdom Metrics		
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File: Genesis.kicad_sch		
Title: Genesis Board		
Size: A4	Date: 2025-04-24	Rev: 0.1
KiCad E.D.A. 9.0.2	Id: 1/4	







Check out how INT1 and SDCS1 jumpers are used.



Sheet: /RTC/
File: adalogger featherwing.kicad_sch

Title:

Size: User
KiCad E.D.A. 9.0.2

Date:

Rev:
Id: 4/4