Notes: 12V - 2A barrel power supply comes with camera with pigtail... Max enclosure size is $15\text{cm} \times 8$ 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? Todo:
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
Find out if we can remove Second LDO
Check footprints (Export/Import symbol libraries from originals) 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? ESP File: ../../kicad-import/adafruit-feather/Adafruit ESP32 Feather V2.kicad_sch Ethernet File: ../../kicad-import/adafruit-ethernet/Adafruit Ethernet FeatherWing.kicad_sch File: ../../kicad-import/adafruit-datalogger/adalogger featherwing.kicad_sch **Kingdom Metrics** Sheet: / File: Genesis.kicad_sch Title: Genesis Board Size: A4 Date: 2025-04-24 Rev: 0.1 KiCad E.D.A. 9.0.1 ld: 1/4





