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:
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) 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? Ethernet I2C_SDA I2C_SCL♦ SPI_MOSID SPI_MISO< SPI_SCKD 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





