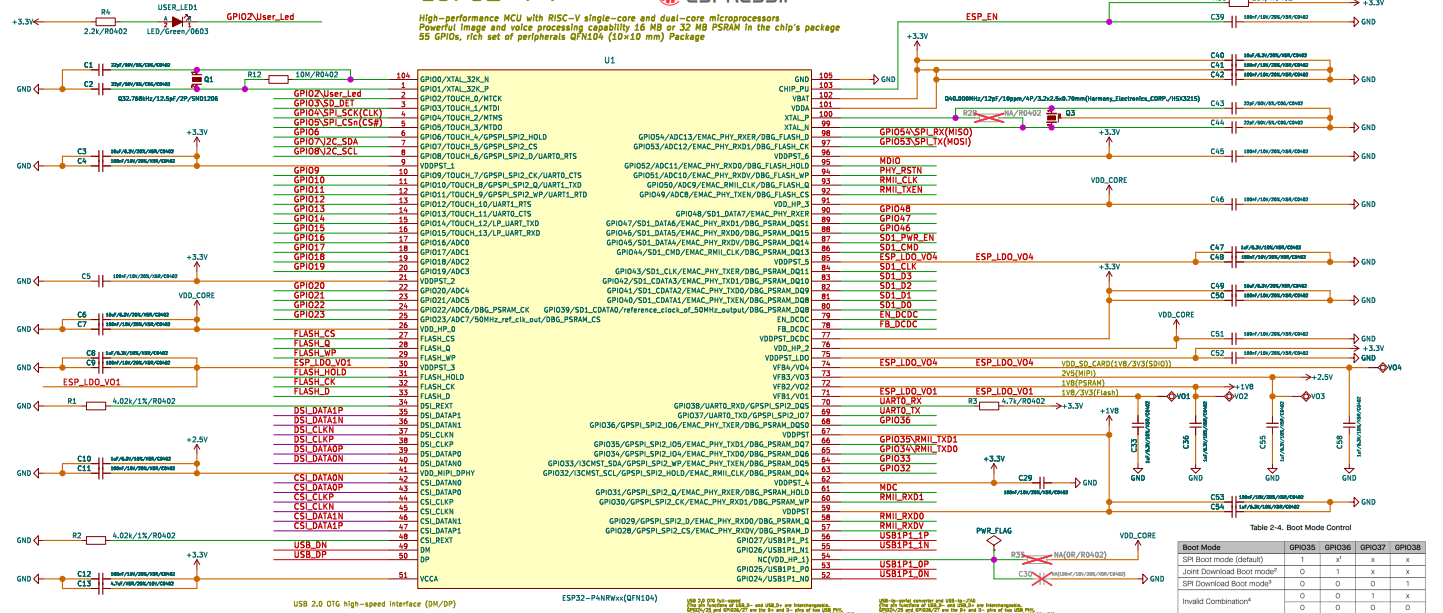


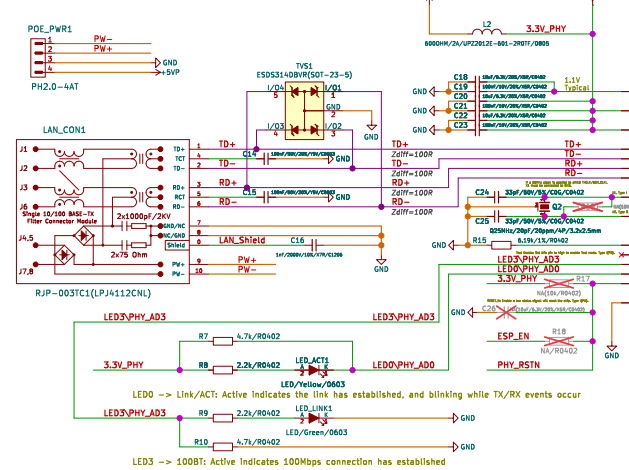
ESP32-P4



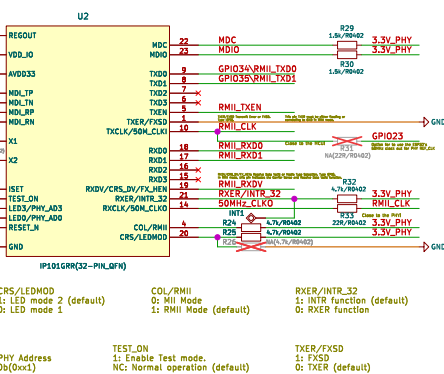
High-performance MCU with RISC-V single-core and dual-core microprocessors
Powerful image and voice processing capability 16 MB or 32 MB PSRAM in the chip's package
55 GPIOs, rich set of peripherals QFN40 (10x10 mm) Package



PoE RJ45 Connector

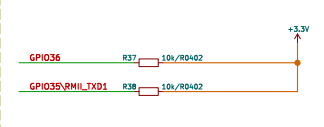


Single Port 10/100 MII/RMII/TP/Fiber Fast Ethernet Transceiver



Ethernet PHY

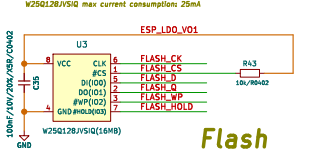
Boot Strapping Pins



Buttons

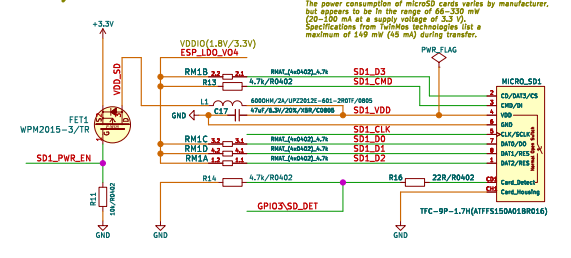


Note:
VFB/V01: External power supply pin, outputting 0.1A current
W250128V5Q max current consumption: 25mA

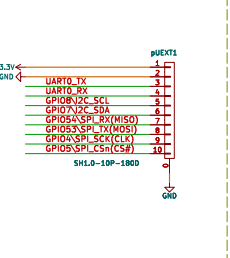


Flash

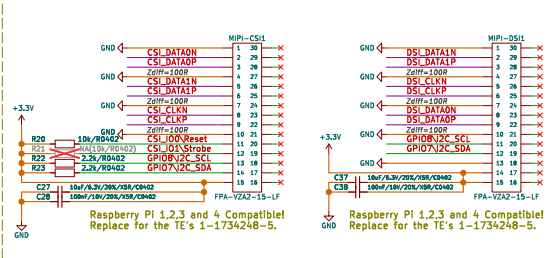
SD/MMC Card



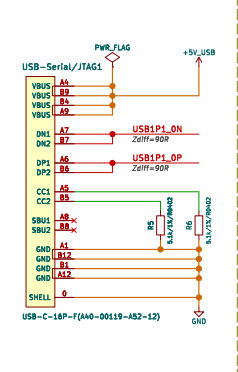
UEXT



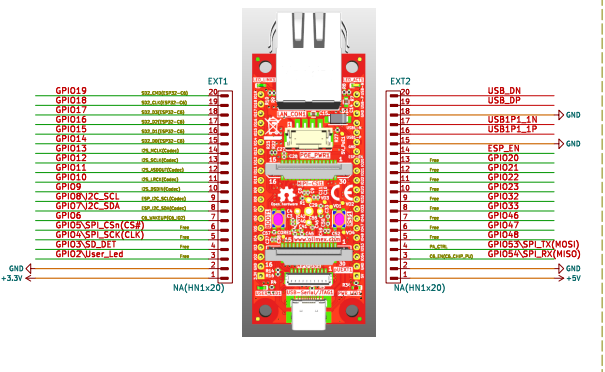
MIPI-CSI Camera & MIPI-DSI LCD



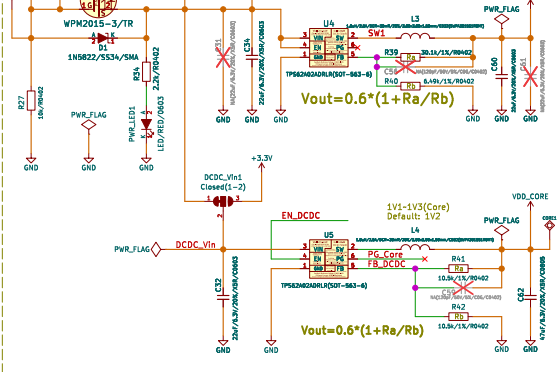
USB-Serial/JTAG



Extensions



Power Supply



Mounting Holes



Fiducials

