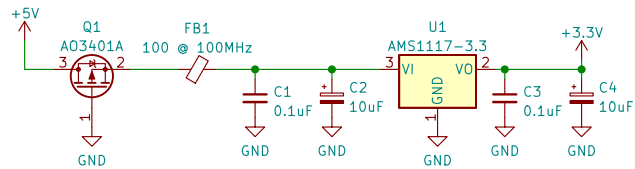
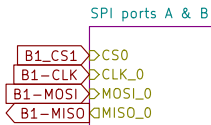


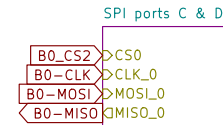
Power



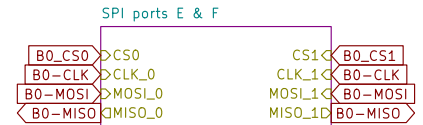
SPI



File: dua_spi_ports.kicad_sch

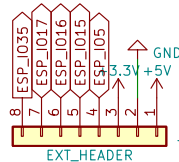


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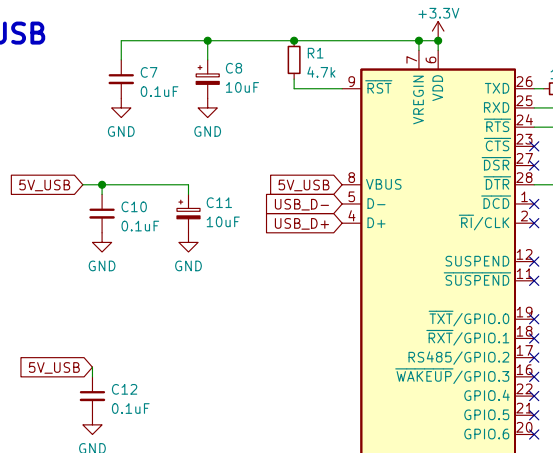


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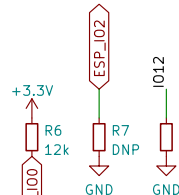
Connectors



USB



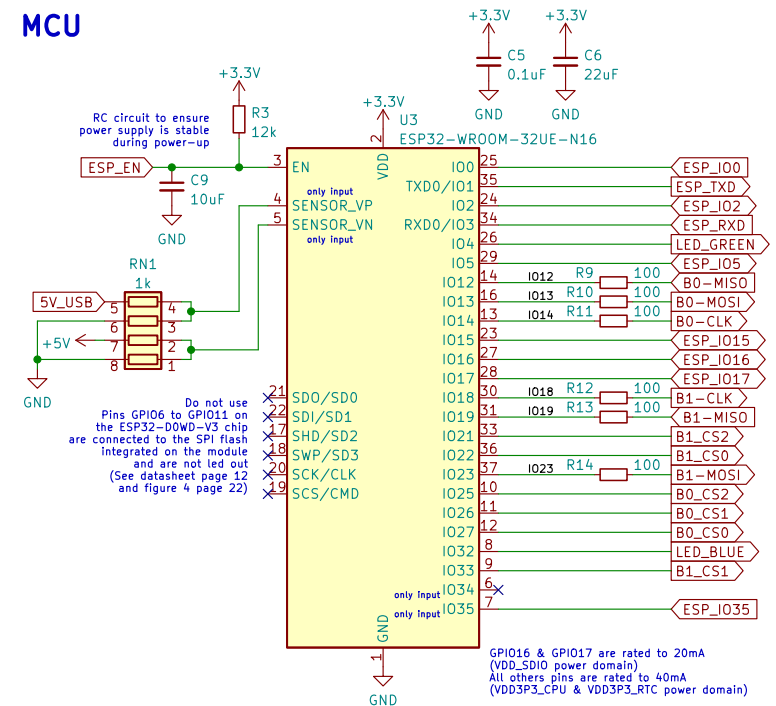
MCU strapping pins



ESP32-D0WD-V3 has five strapping pins:

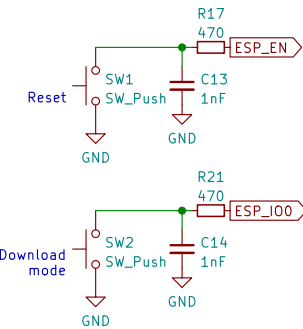
- GPIO0
- GPIO2
- GPIO12 (MTDI) must be LOW on boot
- GPIO15 (MTDO) must be HIGH on boot
- GPIO5 must be HIGH on boot

MCU

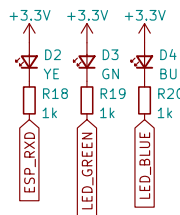


GPIO16 & GPIO17 are rated to 20mA (VDD_SDIO power domain)
All others pins are rated to 40mA (VDD3P3_CPU & VDD3P3_RTC power domain)

Switches



LEDs



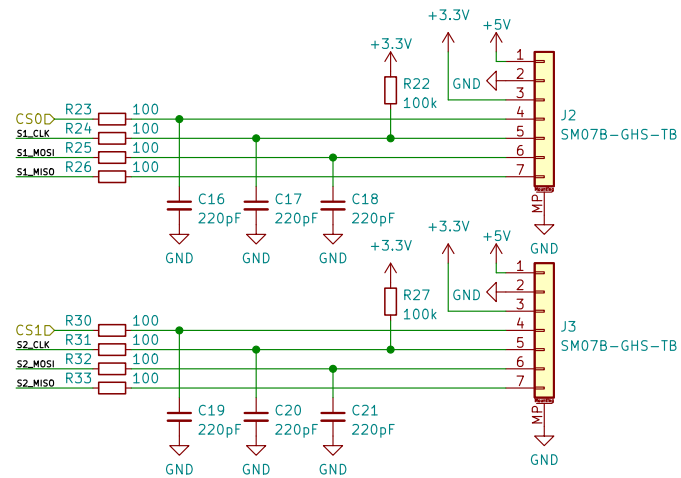
LGR

Sheet: /
File: esp32-spi-hub.kicad_sch

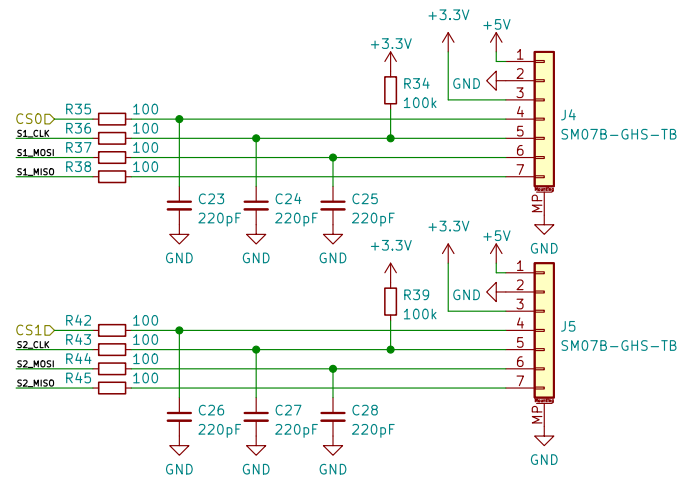
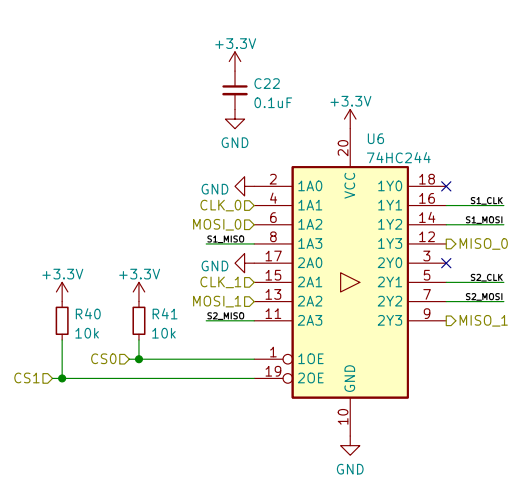
Title: ESP32 SPI hub

Size: A4 Date: 2022-07-05
KiCad E.D.A. kicad (6.0.6)

Rev: 1.0
Id: 1/4



Id: 2/4



LGR

Sheet: /SPI ports C & D/
File: dual_spi_ports.kicad_sch

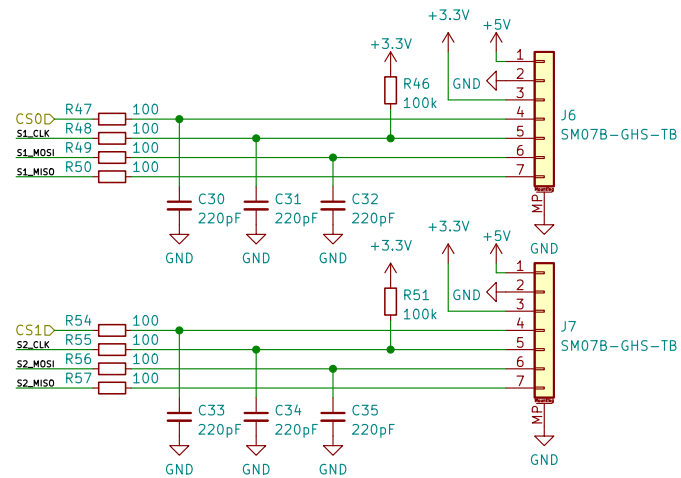
Title: ESP32 SPI hub – SPI ports

Size: A4 Date: 2022-07-05

KiCad E.D.A. kicad (6.0.6)

Rev: 1.0

Id: 3/4



Id: 4/4