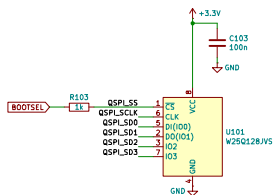
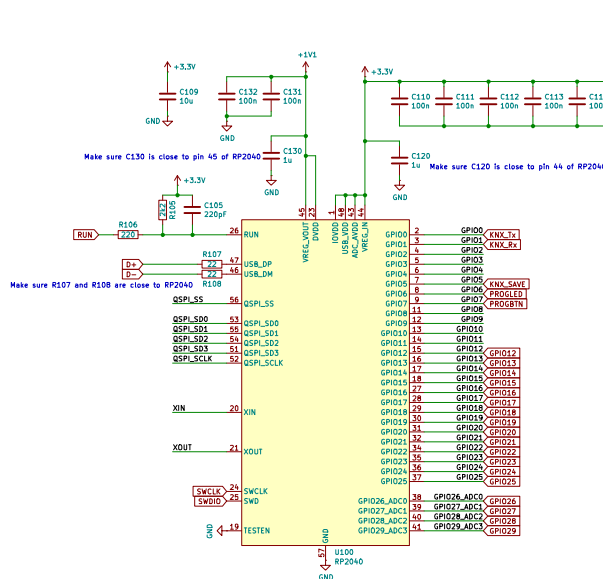
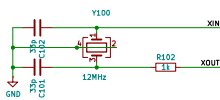


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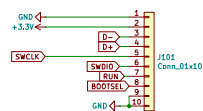
Flash



Crystal



Connection to KUPS-Debugger for SWD and USB



GP29: SPI1 CS / UART0 RX / I2C0 SCL / PWM6 B / ADC3
GP26: SPI1 RX / UART0 TX / I2C0 SDA / PWM6 A / ADC2
GP27: SPI1 TX / UART1 RTS / I2C1 SCL / PWM5 B / ADC1
GP26: SPI1 SCK / UART1 CTS / I2C1 SDA / PWM5 A / ADC0
GP25: SPI1 CS / UART1 RX / I2C0 SCL / PWM6 S
GP24: SPI1 RX / UART1 TX / I2C0 SDA / PWM4 A
GP23: SPI0 SCK / UART1 RTS / I2C1 SCL / PWM3 B
GP22: SPI0 SCK / UART1 CTS / I2C1 SDA / PWM3 A
GP21: SPI0 CS / UART1 RX / I2C0 SCL / PWM2 B
GP20: SPI0 RX / UART1 TX / I2C0 SDA / PWM2 A
GP19: SPI0 TX / UART0 RTS / I2C1 SCL / PWM1 B
GP18: SPI0 SCK / UART0 CTS / I2C1 SDA / PWM1 A
GP17: SPI0 CS / UART0 RX / I2C0 SCL / PWM0 B
GP16: SPI0 RX / UART0 TX / I2C0 SDA / PWM0 A
GP15: SPI1 TX / UART0 RTS / I2C1 SCL / PWM7 B
GP14: SPI1 SCK / UART0 CTS / I2C1 SDA / PWM7 A
GP13: SPI1 CS / UART0 RX / I2C0 SCL / PWM6 B
Vcc2 from BCU (SV)

<https://OpenKNX.de>

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Sheet: /Controller/
File: controller.kicad.sch

Title: **UP1-SEN-0x**

Size: A3 | Date: 2025-07-02

KiCad E.D.A. 8.0.8

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