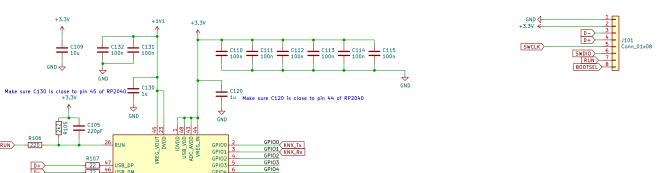


Connection to KUPS-Progger for SWD and USB



GPIO4
GPIO5
KNX_SAVE
PROGLED
PROGBTN
GPIO8

GPI09

GPI010

GPIOO GPI01 GPI02

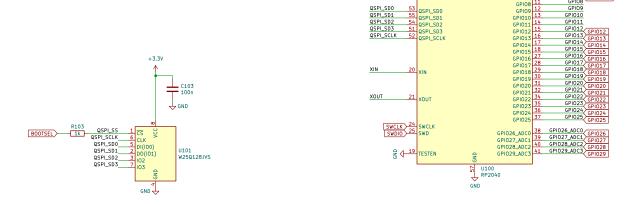
GPI03 GP104

GPI05

GPIO7

GPI09 13 GPI010

Flash



RUN

Make sure R107 and R108 are close to RP2040

220

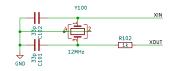
22 47 USB_DP 22 46 USB_DM R108

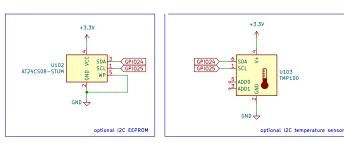
56 QSPI_SS

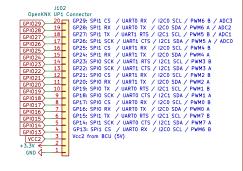
QSPI_SS

+3.3V optional Pull-Ups R109 GPI029 R110 _____R__ GPI028 R111 R R112 GPI025 R112 R113 R114 GPI024 GPI017 R115 GPI016 R116 GPI015 R GPI014

Crystal







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by Ing-Dom <dom@ing-dom.de></dom@ing-dom.de>	
Sheet: /Controller/ File: controller.kicad_sch	
Title: UP1-Controller2040	
Size: A3 Date: 2024-03-01	Rev: V01.00
KICad E.D.A. 8.0.8	ld: 2/2