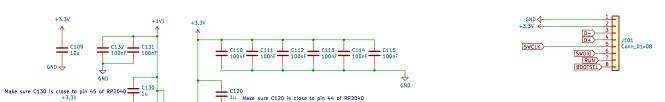


## Connection to KUPS-Progger for SWD and USB



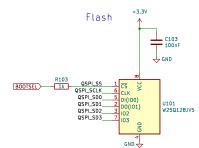
GPI00 GPI02 GPI03 GPI03 GPI04 GPI05 GPI06 GPI07 GPI07 GPI010 GPI010 GPI010 GPI010

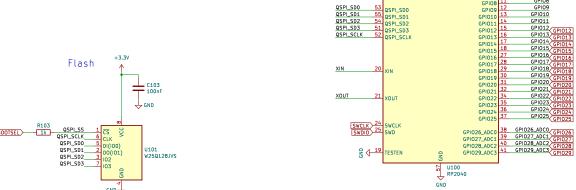
GPI00 GPI01 GPI02 GPI03

GPI04 GPI05 GPI06 GPI07

GPI09 GPI010

GPI011 GPI012





RUN 220

| R107 | 47 | USB\_DP | USB\_DW | USB\_DW

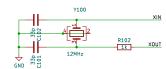
C105 220pF

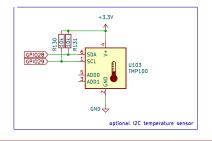
QSPI\_SS

26 RUN

56 QSPLSS

## Crystal





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by Ing-Dom <dom@sing-dom.de> OpenKNX Sheet: /Controller/ File: controller/kicad sch</dom@sing-dom.de>	
Title: LED-UP1-4x24V	
Size: A3 Date: 2024-03-29 KiCad E.D.A. kicad 7.0.7	Rev: V00.01

