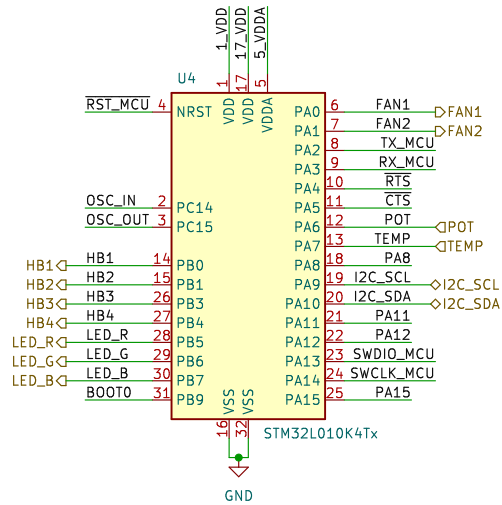


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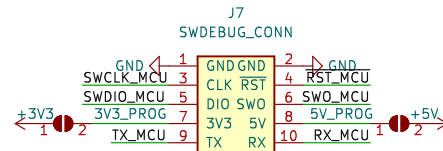
MCU



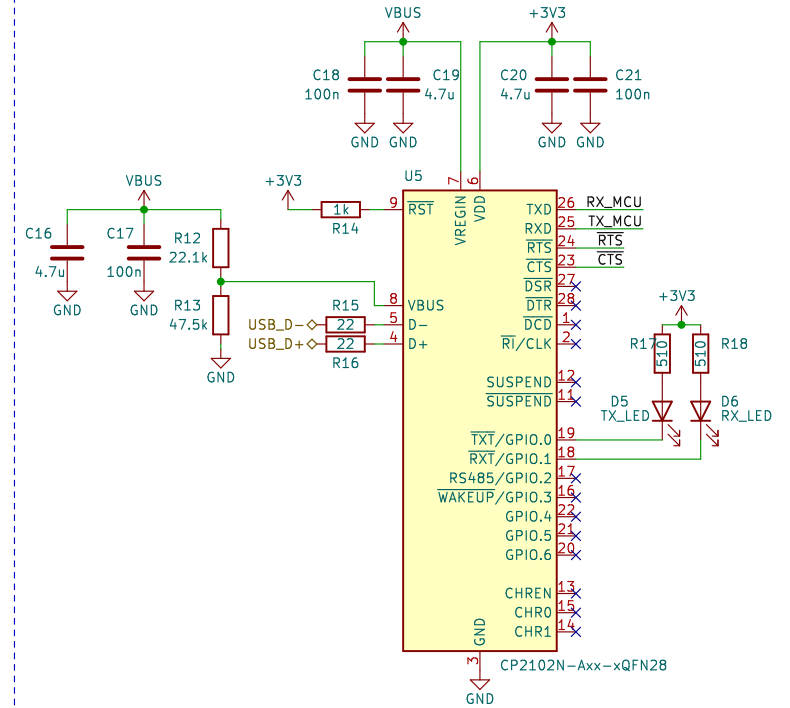
USART2
Boot channel
PA2/3 input pull-up mode

TODO: verificare pull-up

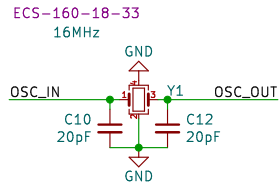
SWD Interface



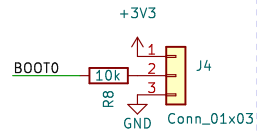
USB to UART



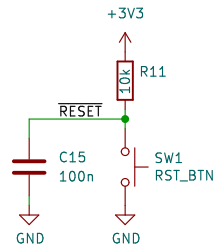
Crystal



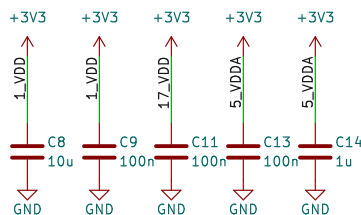
Boot Jumper



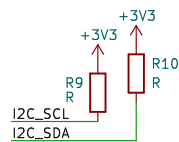
Reset Button



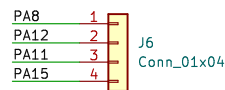
MCU Filters



I2C pull-up



Extra I/O



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Sheet: /MCU/

File: STM32L010.kicad_sch

Title: PHC – Peltièr Heater and Cooler

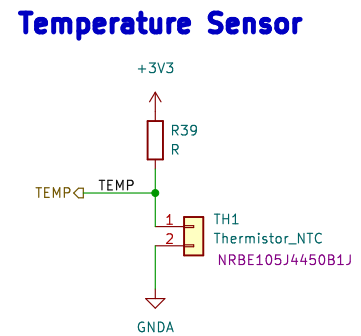
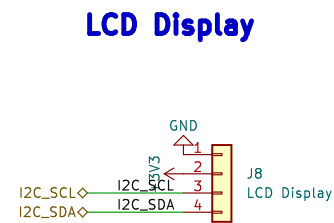
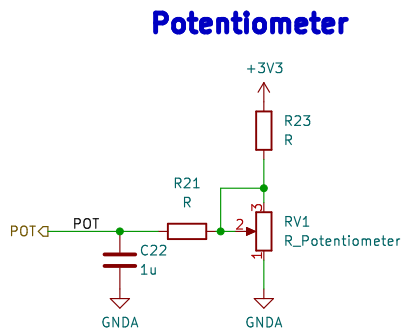
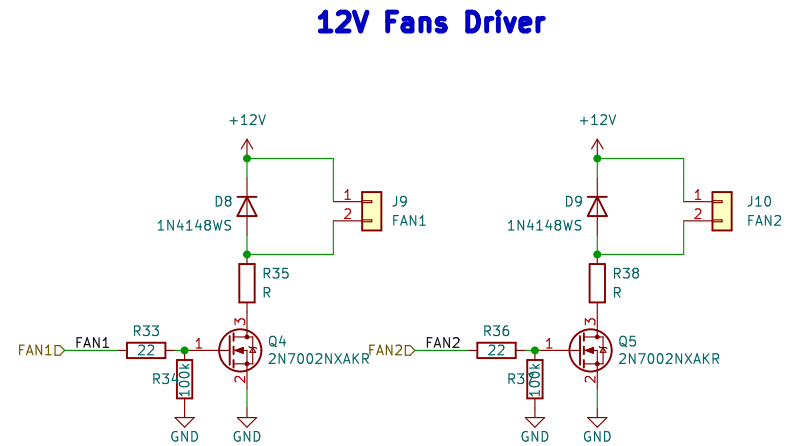
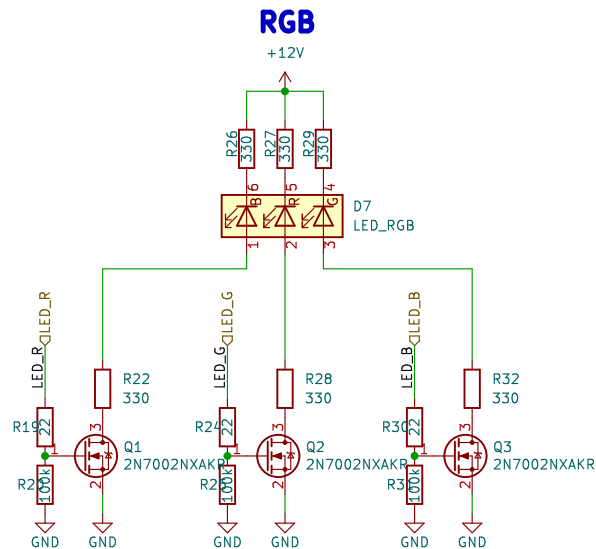
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Date:

KiCad E.D.A. kicad (6.0.2-0)

Rev:

Id: 3/5



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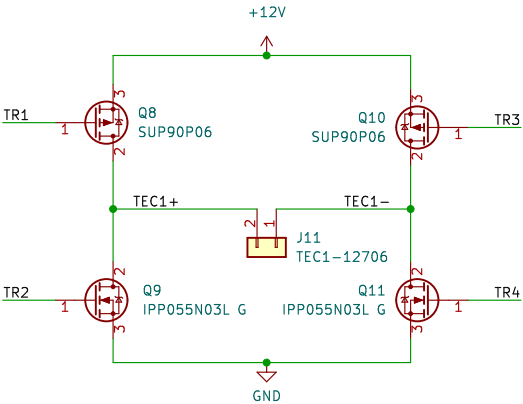
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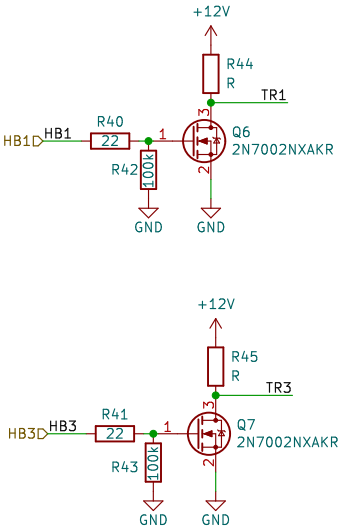
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Rev:
Id: 4/5

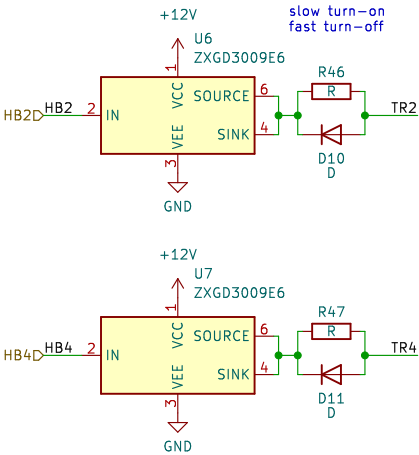
TEC1 H-Bridge Driver



High side Driving



Low side Driving



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Sheet: /H_Bridge/
File: h-bridge.kicad_sch

Title: PHC – Peltier Heater and Cooler

Size: A4

Date:

KiCad E.D.A. kicad (6.0.2-0)

Rev:

Id: 5/5