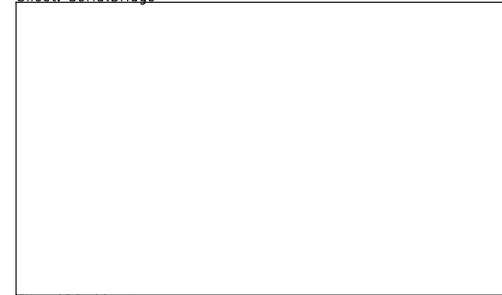


OBJEX Link

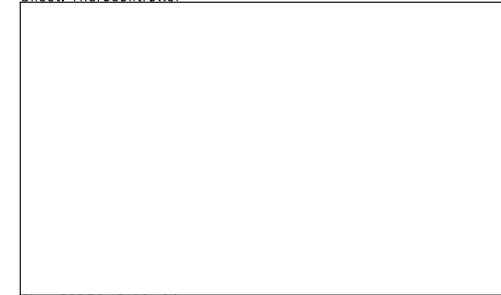
SB/uC

Sheet: SerialBridge



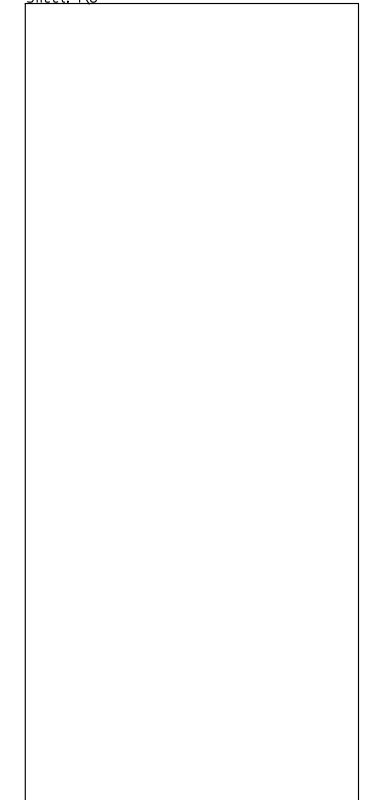
File: CP2104.sch

Sheet: Microcontroller



File: ESP32-PICO-D4.sch

Sheet: I/O



File: IO.sch

USB-C

Sheet: USB-C



File: USB-C_Type2.0.sch

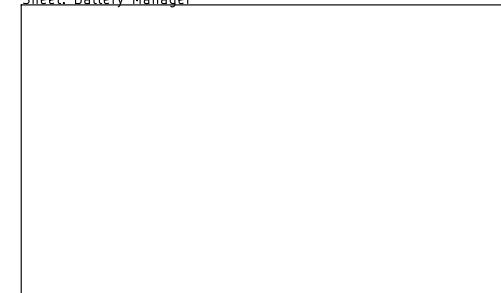
POWER

Sheet: LDO



File: AP7361C-FGE-7.sch

Sheet: Battery Manager



File: MCP738331-AMI_MF.sch

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Source location: <https://www.ohwr.org/project/wr-switch-hw>

As per CERN-OHL-W v2 section 4.1, should You produce hardware based on these sources, You must maintain the Source Location visible on the external case of the White Rabbit switch or other product you make using this documentation.

visit: docs.objex.link

Designer: Salvatore Raccardi

OBJEX

Sheet: /

File: OBJEX_LINK-Rev1.6.sch

Title: OBJEX Link

Size: A4 Date: 2021-10-18

KiCad E.D.A. eeschema (5.1.10)-1

Rev: 1.6

Id: 1/7

ESP32 PICO D4

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Source location: <https://www.ohwr.org/project/wr-switch-hw>

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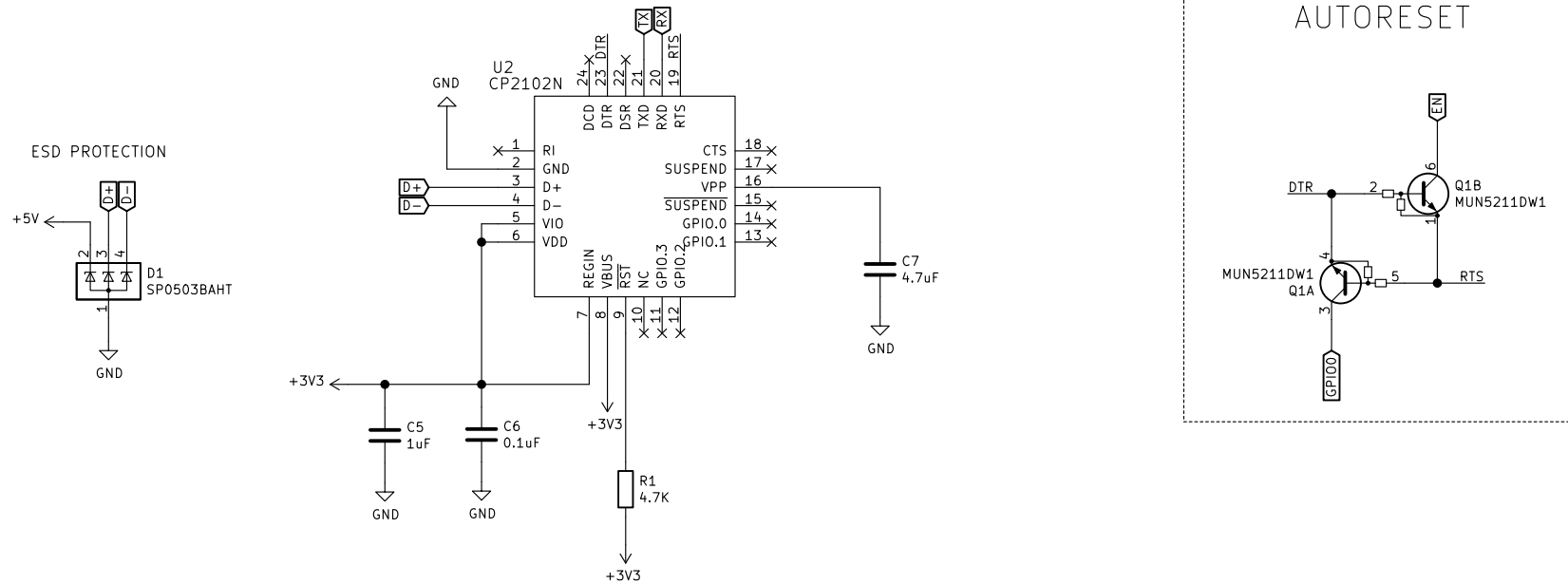
visit: docs.objex.link		
Designer: Salvatore Raccardi		
OBJEX		
Sheet: /Microcontroller/		
File: ESP32-PICO-D4.sch		
Title: OBJEX Link		
Size: A4	Date: 2021-10-18	Rev: 1.6
KiCad E.D.A.	eeschema (5.1.10)-1	Id: 2/7

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SERIAL BRIDGE



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visit: docs.objex.link

Designer: Salvatore Raccardi

OBJEX

Sheet: /SerialBridge/

File: CP2104.sch

Title: OBJEX Link

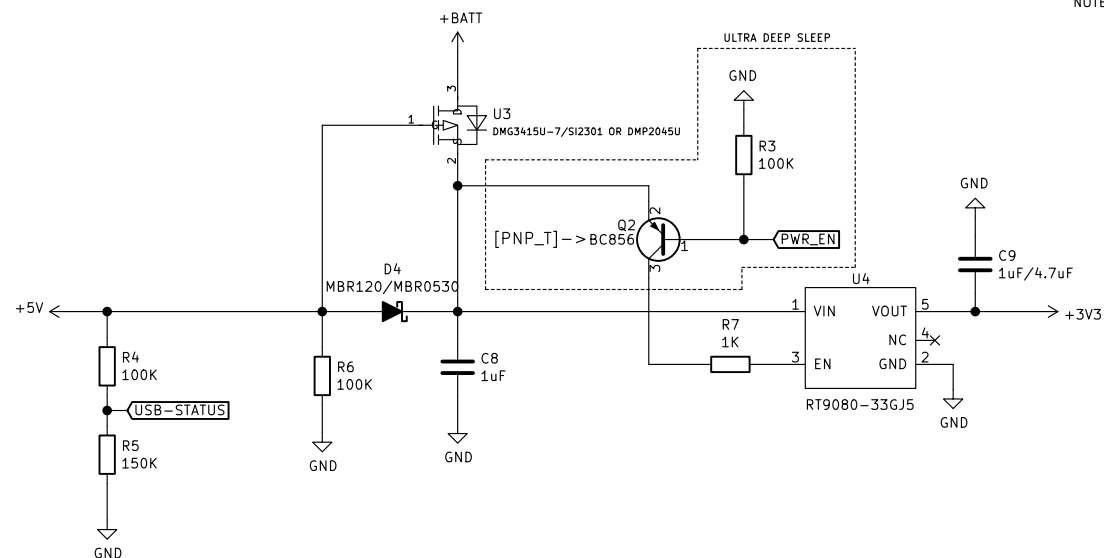
Size: A4 Date: 2021-10-18

KiCad E.D.A. eeschema (5.1.10)-1

Rev: 1.6

Id: 3/7

LDO



[PNP_T]

1. Test to be completed, to choose the most suitable componet.
 [!]Component to be changed

NOTE: Currently working correctly — but (off_status: 40uA value too high)
 | — NOTE: EN_RT9080: OFF --> 3.2uA (MAX: 4.32uA)

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Designer: Salvatore Raccardi

OBJEX

Sheet: /LDO/

File: AP7361C-FGE-7.sch

Title: OBJEX Link

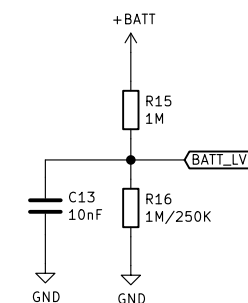
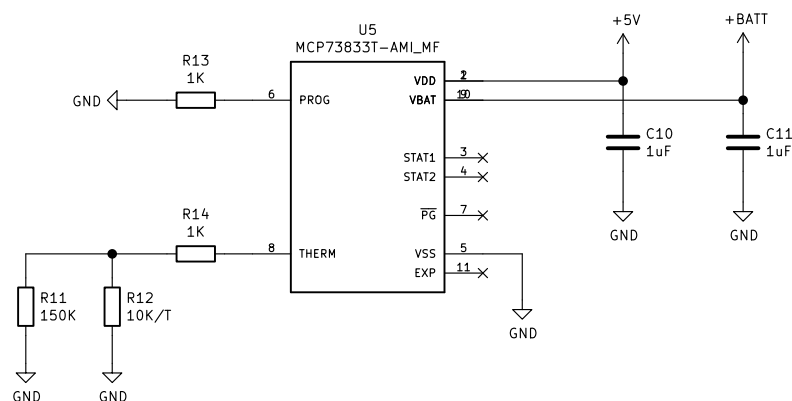
Size: A4 Date: 2021-10-18

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Rev: 1.6

Id: 4/7

BATTERY CHG



C13 to avoid high voltage spike from battery and noise/get false reading

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Designer: Salvatore Raccardi

OBJEX

Sheet: /Battery Manager/

File: MCP73833T-AMI_MF.sch

Title: OBJEX Link

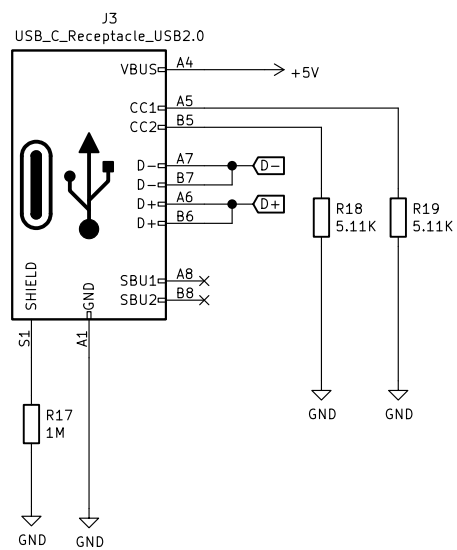
Size: A4 Date: 2021-10-18

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Rev: 1.6

Id: 5/7

USB-C TYPE 2.0



visit: docs.objex.link

Designer: Salvatore Raccardi

OBJEX

Sheet: /USB-C/

File: USB-C_Type2.0.sch

Title: OBJEX Link

Size: A4 Date: 2021-10-18

KiCad E.D.A. eeschema (5.1.10)-1

Rev: 1.6

Id: 6/7

