

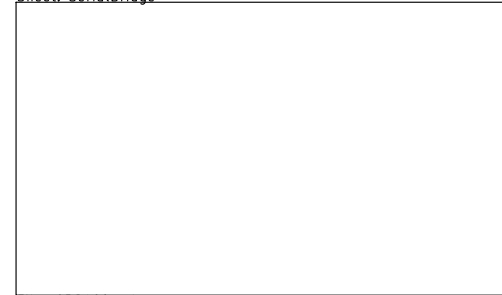
OBJEX Link

Todo v1.5

- ☒ Remove power led
- ☒ Add RGB LED
- ☒ Remove RST jumper
- ☒ Redesign battery conn
- ☒ Add ALL ESP32 PIN to SLIMSTACK
- ☒ PSRAM – slimstack pin
- ☒ JTAG <– slimstack

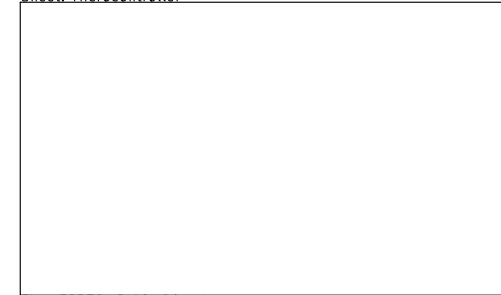
SB/uC

Sheet: SerialBridge



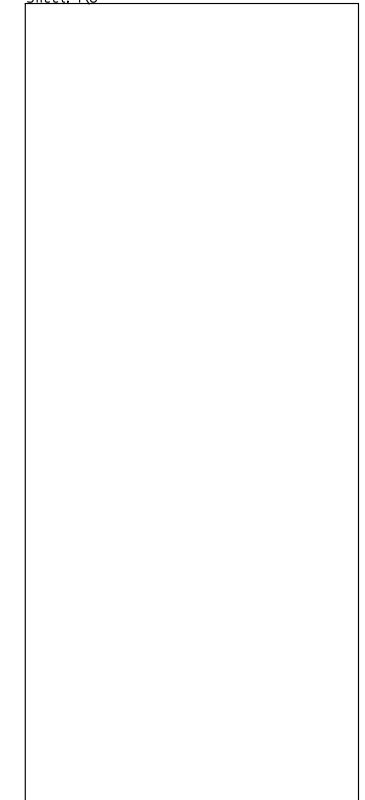
File: CP2104.sch

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>

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visit: docs.objex.link

Designer: Salvatore Raccardi

OBJEX

Sheet: /

File: OBJEX_LINK-Rev1.5.sch

Title: OBJEX Link

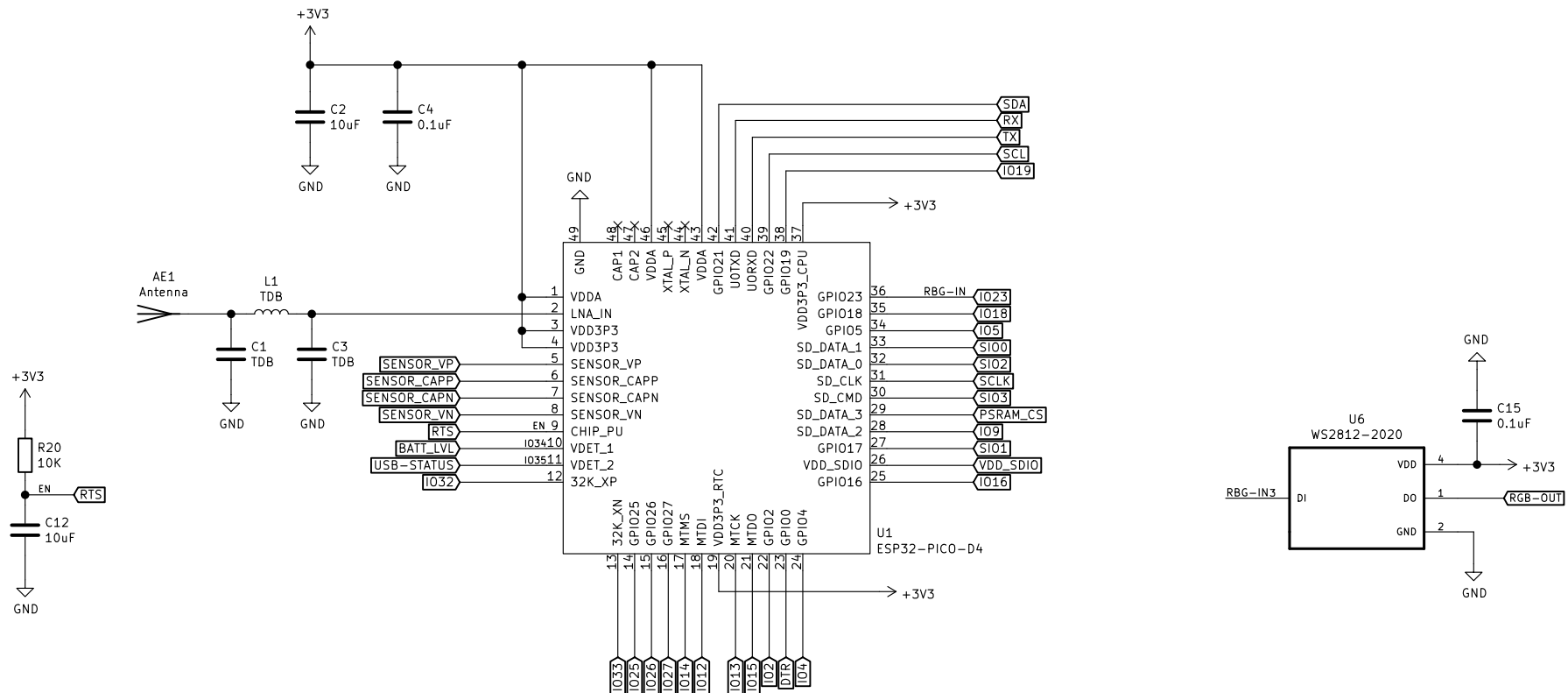
Size: A4 Date: 2021-07-11

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Rev: 1.5

Id: 1/7

ESP32 PICO D4



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Designer: Salvatore Raccardi

OBJEX

Sheet: /Microcontroller/
File: ESP32-PICO-D4.sch

Title: OBJEX Link

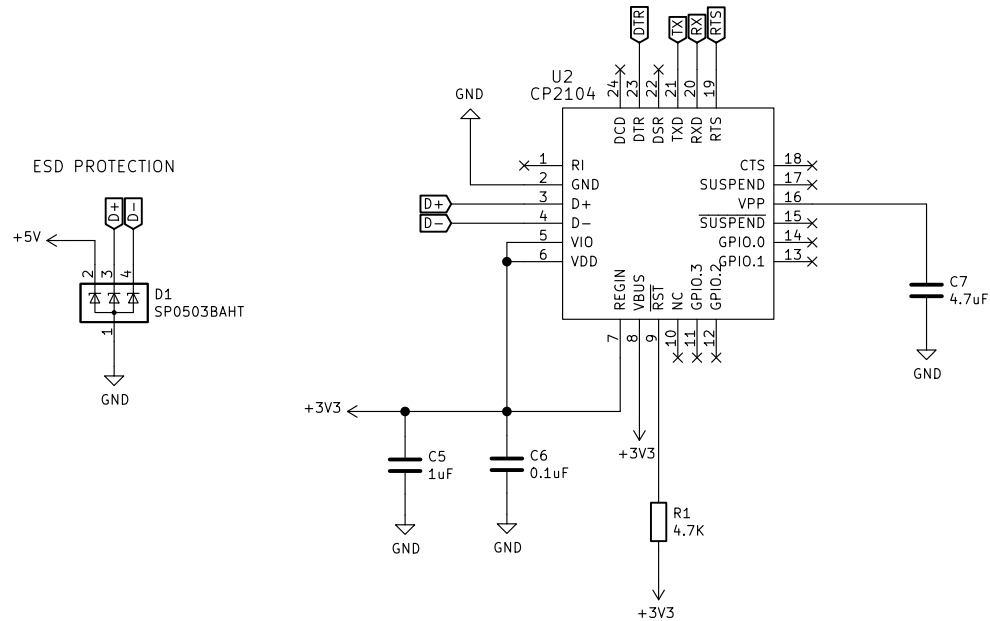
Size: A4 Date: 2021-07-11

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SERIAL BRIDGE



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Designer: Salvatore Raccardi
OBJEX

Sheet: /SerialBridge/
File: CP2104.sch

Title: OBJEX Link

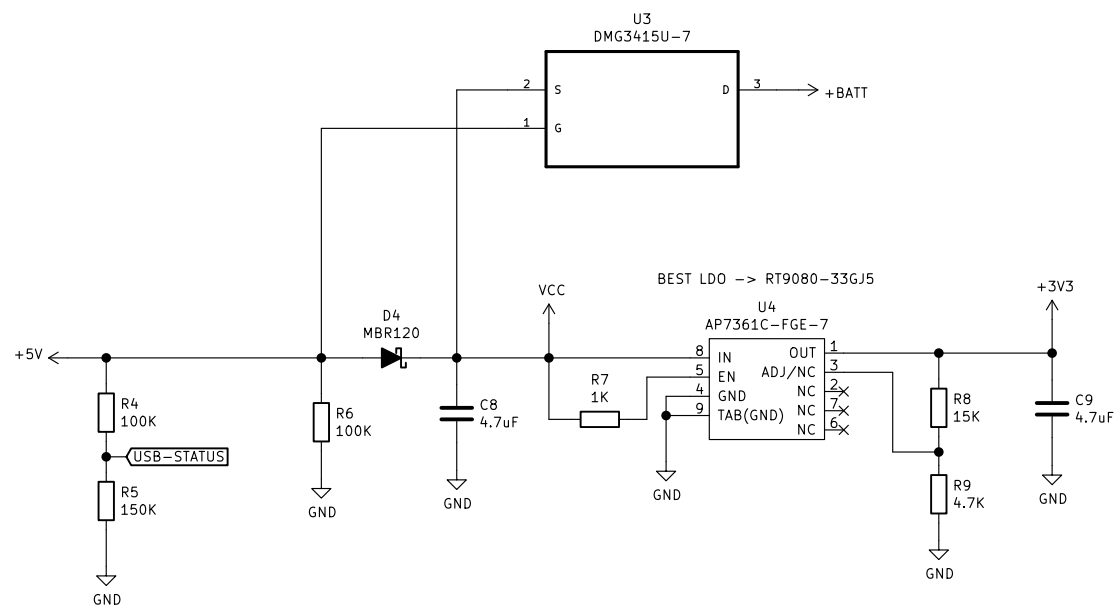
Size: A4 Date: 2021-07-11

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LDO



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visit: docs.objex.link
Designer: Salvatore Raccardi
OBJEX

Sheet: /LDO/
File: AP7361C-FGE-7.sch

Title: OBJEX Link

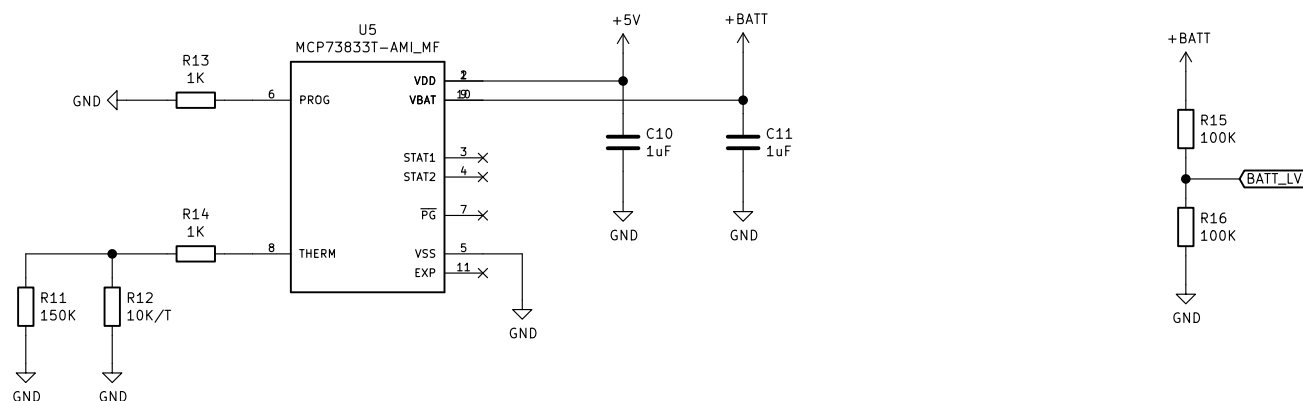
Size: A4 Date: 2021-07-11

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BATTERY CHG



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Designer: Salvatore Raccardi

OBJEX

Sheet: /Battery Manager/

File: MCP73833T-AMI_MF.sch

Title: OBJEX Link

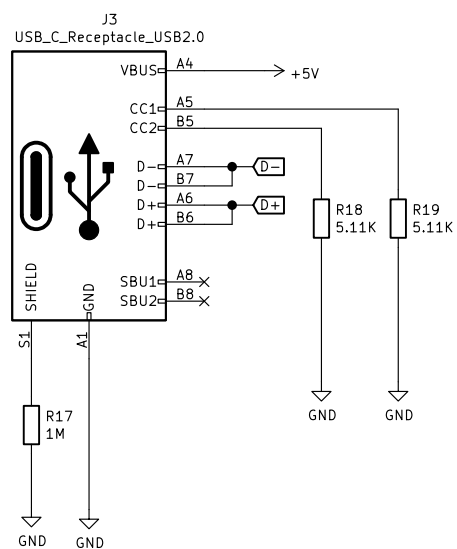
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Rev: 1.5

Id: 5/7

USB-C TYPE 2.0



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Designer: Salvatore Raccardi

OBJEX

Sheet: /USB-C/

File: USB-C_Type2.0.sch

Title: OBJEX Link

Size: A4 Date: 2021-07-11

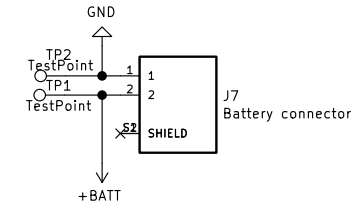
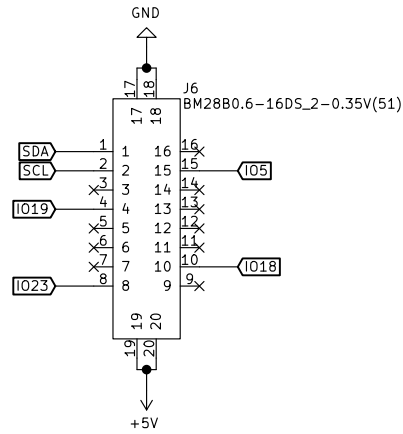
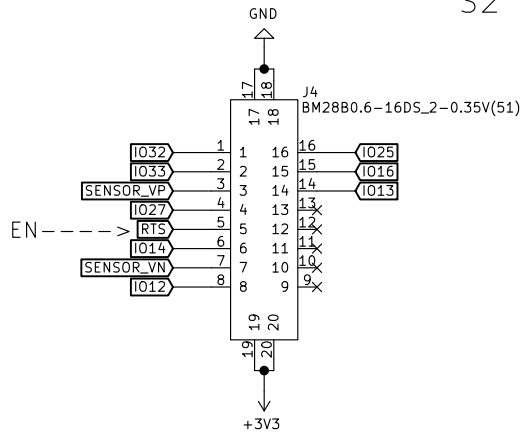
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Rev: 1.5

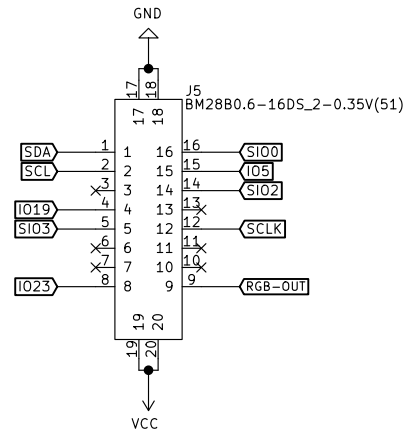
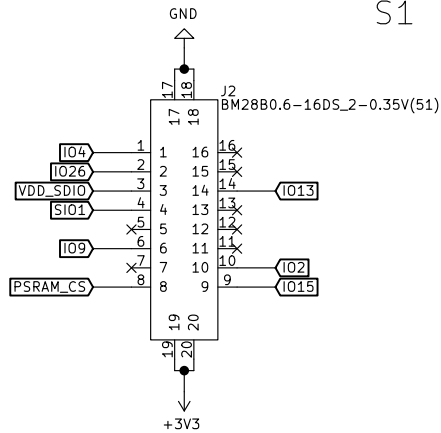
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/0

S2



S1



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visit: docs.objex.link
Designer: Salvatore Raccardi

OBJEX

Sheet: /N0/
File: I0.sch

Title: OBJEX Link

Size: A4 Date: 2021-07-11

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Rev: 1.5

Id: 7/7