OBJEX Link

Todo v1.5
[X] Remove power led
[X] Add RGB LED
[X] Remove RST jumper
[X] Redesign battery conn
[X] Add ALL ESP32 PIN to SLIMSTACK
[X] PSRAM – slimstack pin
[X] JTAG <– slimstack

SB/uC

Sheet: SerialBridge

File: CP2104.sch

Sheet: Microcontroller

File: ESP32-PICO-D4.sch

Sheet: IO

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: MCP73833T-AMI_MF.sch

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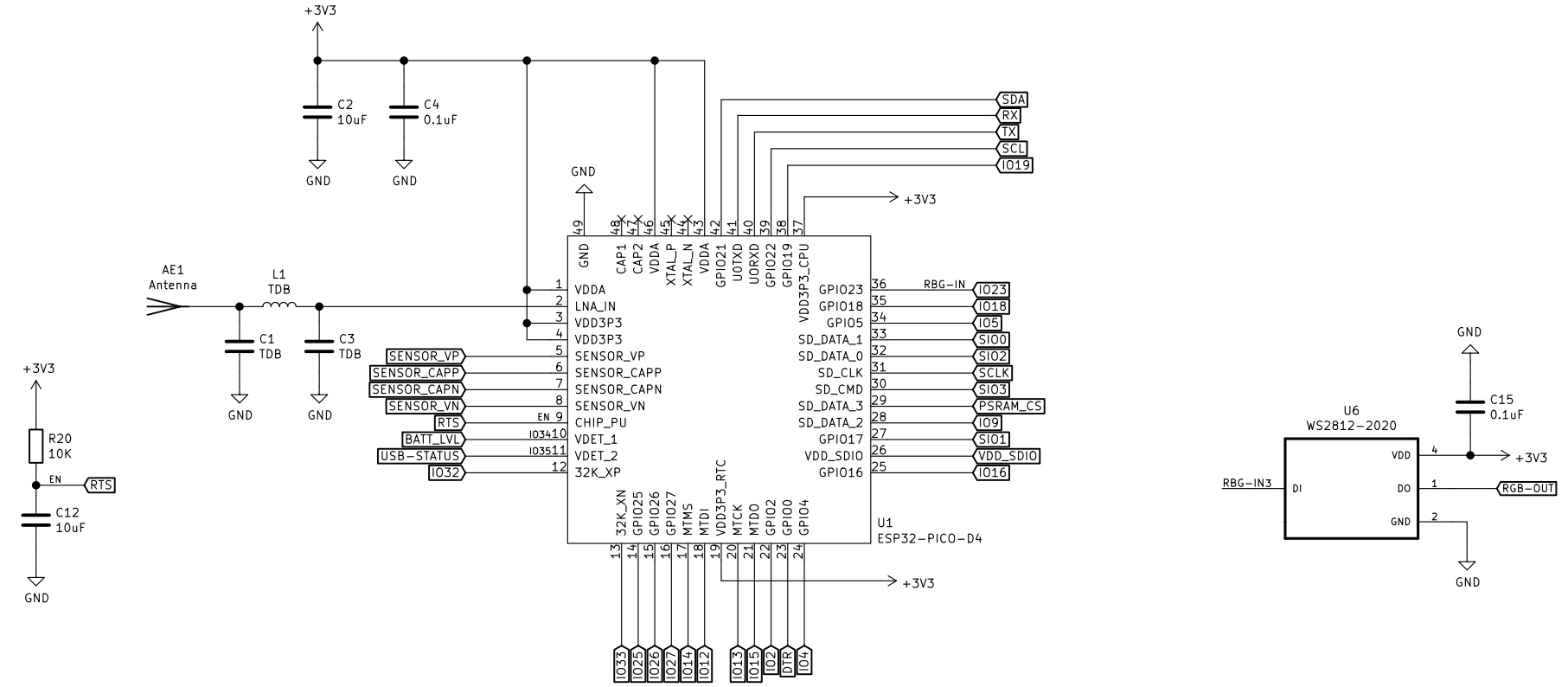
Designer: Salvatore Raccardi
OBJEX
Sheet: /
File: OBJEX_LINK-Rev1.5.sch

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
KiCad E.D.A. eeschema (5.1.10)-1		Id: 1/7

ESP32 PICO D4



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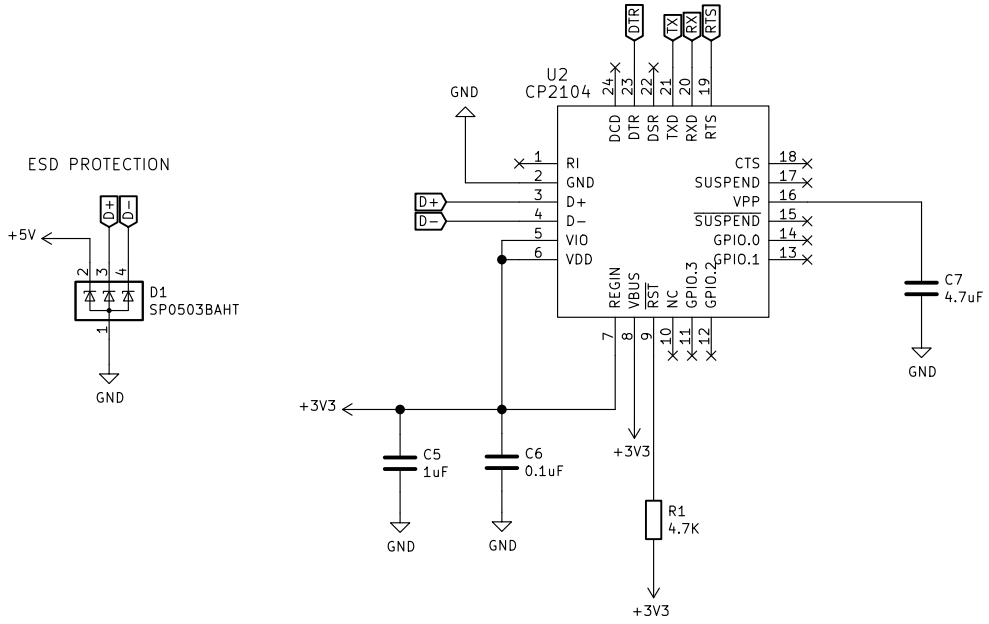
OBJEX

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

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
KiCad E.D.A. eeschema (5.1.10)-1		Id: 2/7

SERIAL BRIDGE



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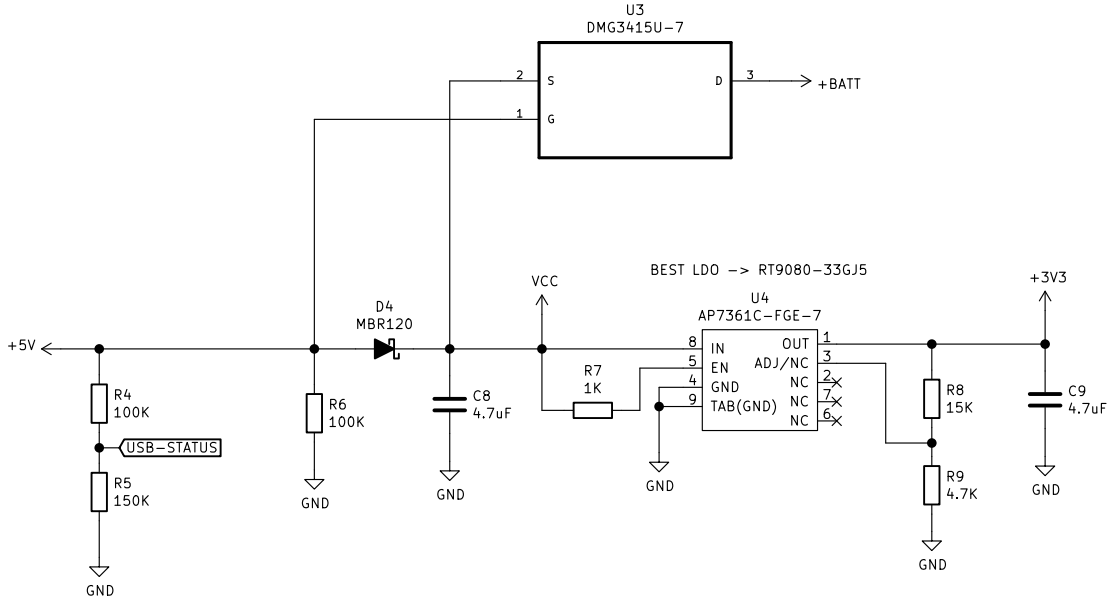
Designer: Salvatore Raccardi
OBJEX

Sheet: /SerialBridge/
File: CP2104.sch

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
KiCad E.D.A. eeschema (5.1.10)-1		Id: 3/7

LDO

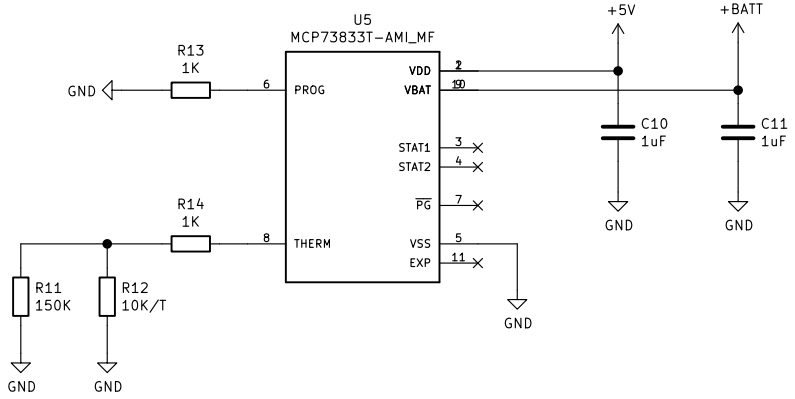


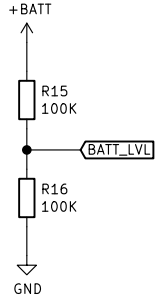
visit: docs.objex.link
Designer: Salvatore Raccardi
OBJEX
Sheet: /LDO/
File: AP7361C-FGE-7.sch

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
KiCad E.D.A. eeschema (5.1.10)-1		Id: 4/7

BATTERY CHG





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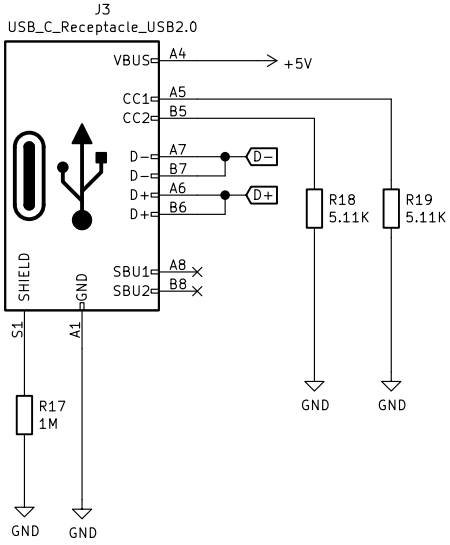
Designer: Salvatore Raccardi
OBJEX

Sheet: /Battery Manager/
File: MCP73833T-AMI_MF.sch

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
KiCad E.D.A. eeschema (5.1.10)-1		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	**Rev: 1.5**
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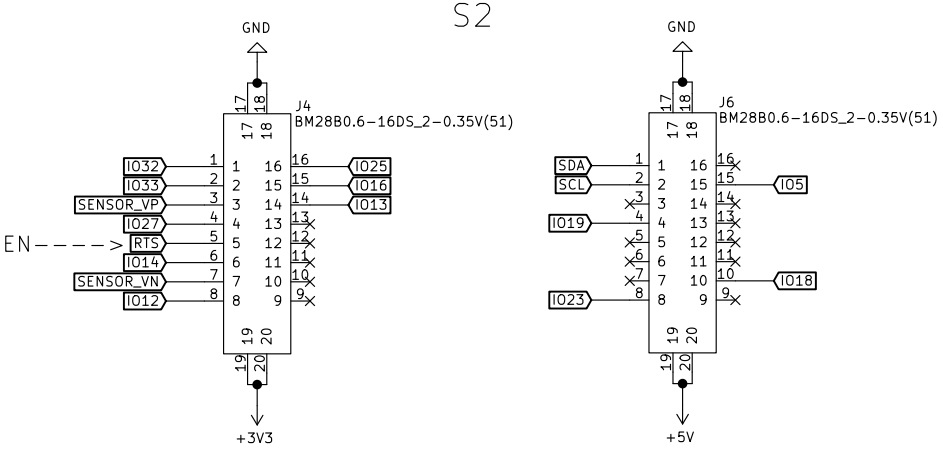
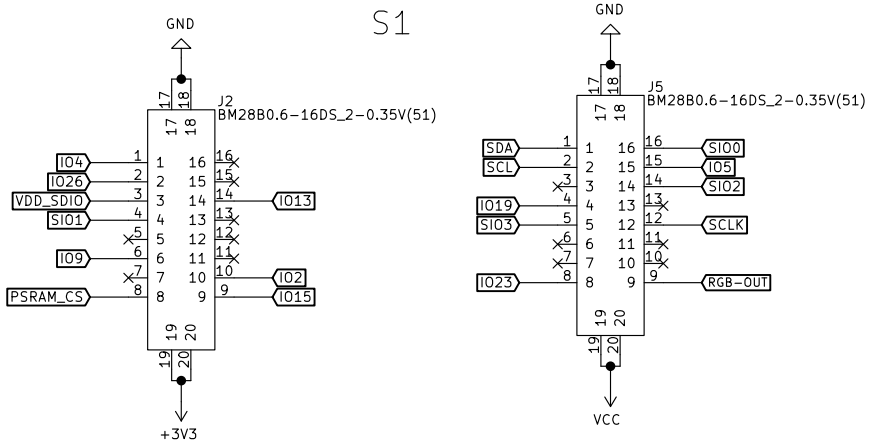
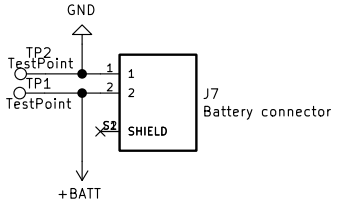
IO

S2



S1





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Designer: Salvatore Raccardi
OBJEX

Sheet: /IO/
File: IO.sch

Title: OBJEX Link

Size: A4	Date: 2021-07-11	**Rev: 1.5**
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