



LPCXpresso55SXX.PrjPcb

Elaborated by: Eduardo Teofilo

Checked by: José Ogando

Revision: A2

Last revision date: 5/29/2019

Change Log

- 25-04-2018

- Power supply of Link2 circuitry replaced from 3.3v to 2.5v

- Package of LPC5500 changed from BGA to HLQFP
- 08-05-2018

- Added 33Ohms Resistor for DP and DM pins of USB0 FS

- Added TestPoints for U2 debug signals

- Tied P0_5 to P7 Pin7

- SD0 Pull-ups tied to VDD_SD

- Added Pull-up for P0_5-ISP1

- Added notes and descriptions

- Added jumper to P25

- Added connections to P19

- Added debug probe for U2

- Removed P22 Debug probe for U1

- Changed Y3 form 12MHz to 16Mhz
- 16-05-2018

- Removed external battery support

- Added Support for 1.1v external power supply
- 21-05-2018

- Exchange of functions between PIO1_5 and PIO1_7
- 25-05-2018

-Changed function of PIO0_15, PIO0_18, PIO0_22, PIO0_28 and PIO1_13

-Added Cpacitors C97, C100
- 31-05-2018

-Fixed values of R82, R86

-Changed PN of U8, U9, U10

-Removed U4

-Changed P14 2X1 to 2X2 header
- 1-06-2018

-Removed U17
- 6-06-2018

- Added P28
- 29-08-2018

- Changed U10 XC6504A251MR-G to XC6223H251MR-G
- 05-11-2018

-Added P29, R85
- 05-11-2018

-Added C2

-L10 Replaced from CBC2518T4R7M to TDK MLZ2012M4R7HT000
- 15-11-2018

-R120 and R121 were changed from 100K to 2.2k

-Fix SDA connections

-Updated Revision to A1
- 29-05-2019

-Added LPC55S69 and LPC55S28 variants

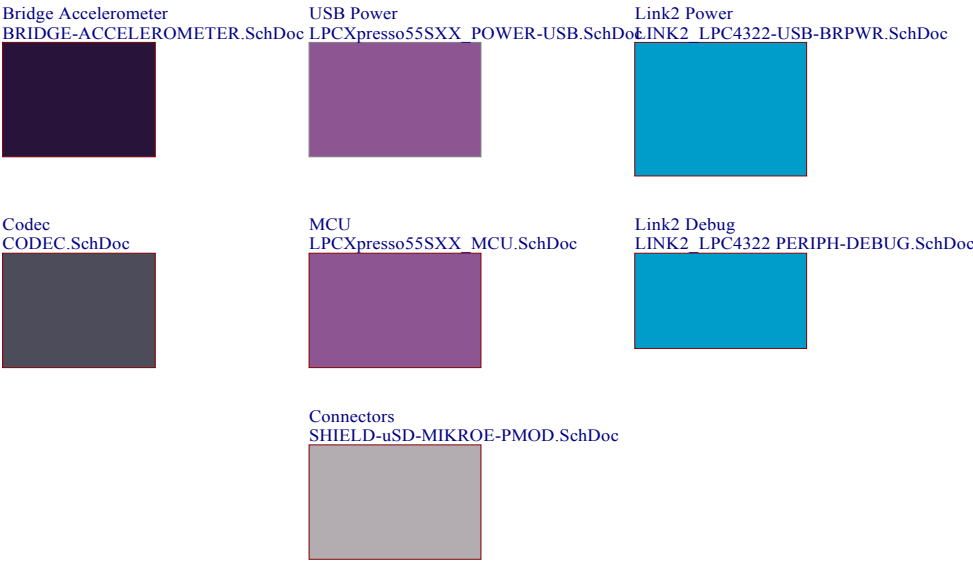
-Changed J11, J12, R73, R114, R128 to DNI

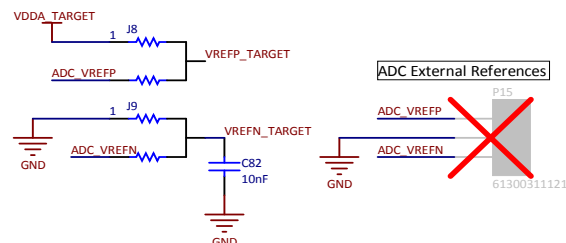
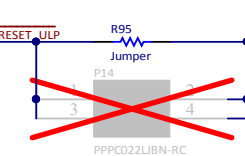
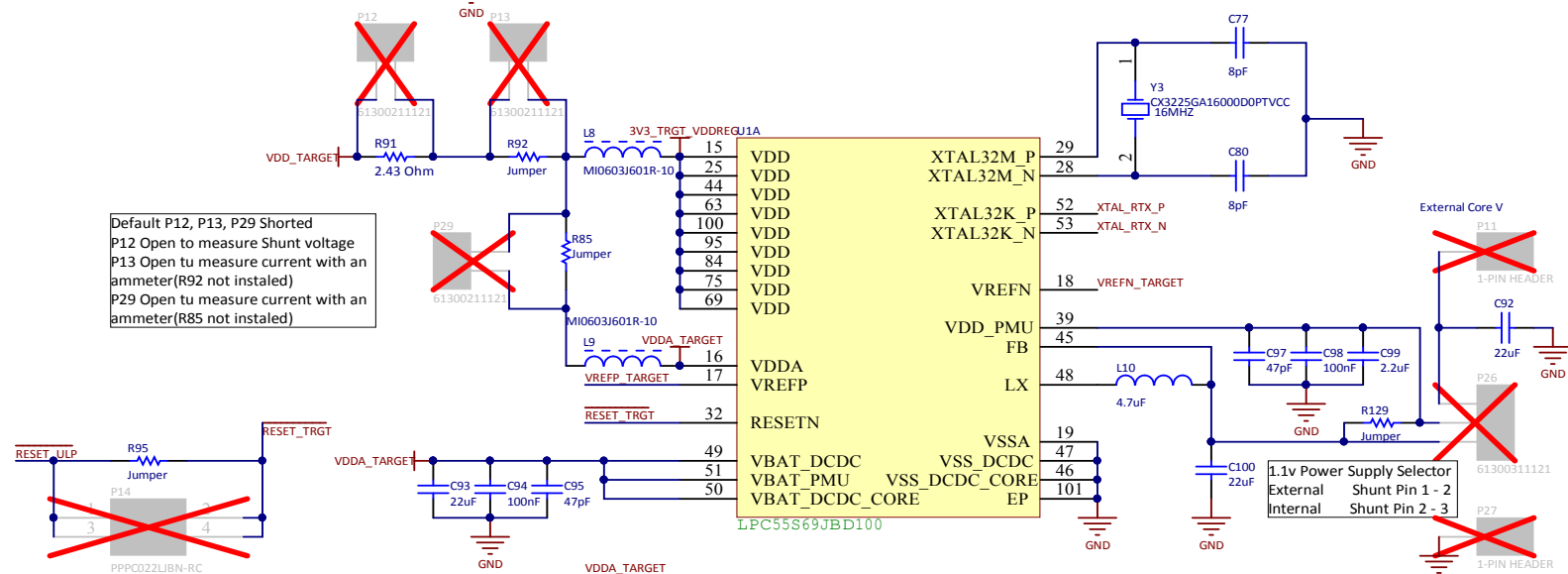
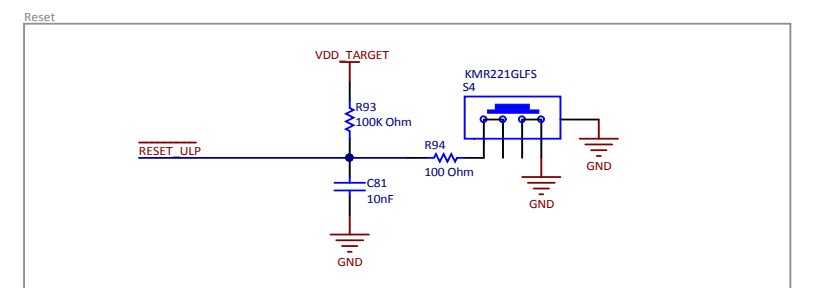
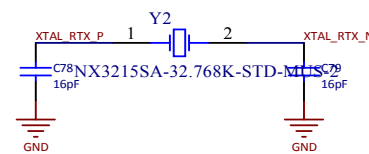
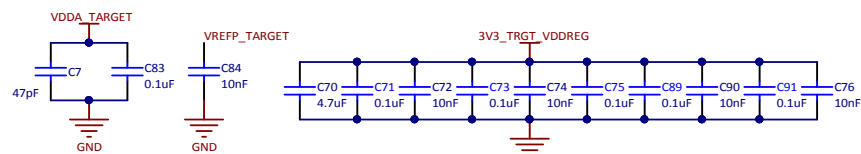
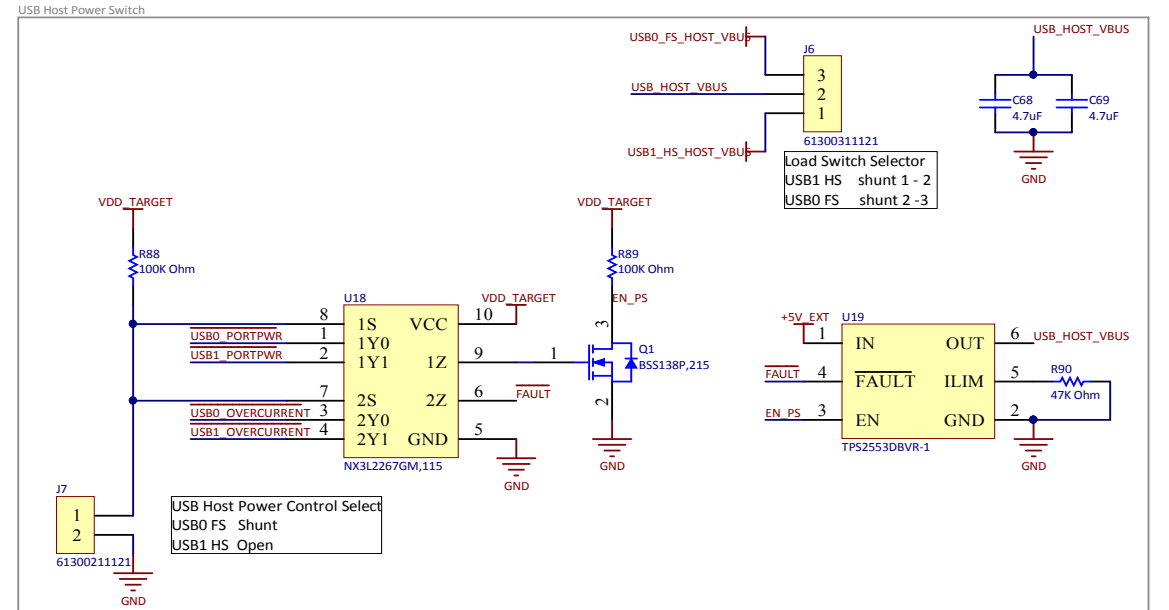
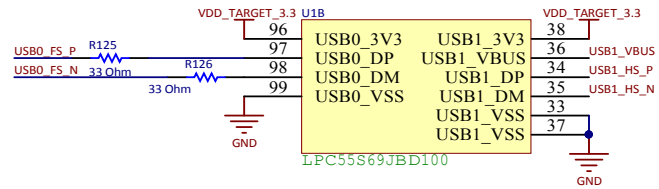
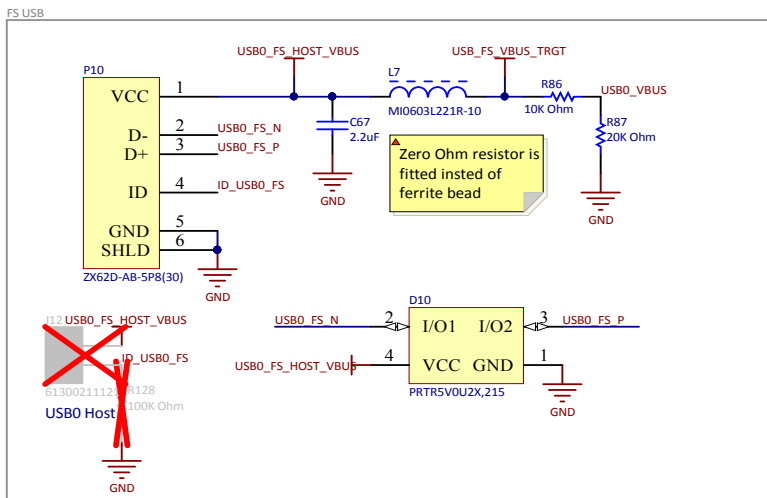
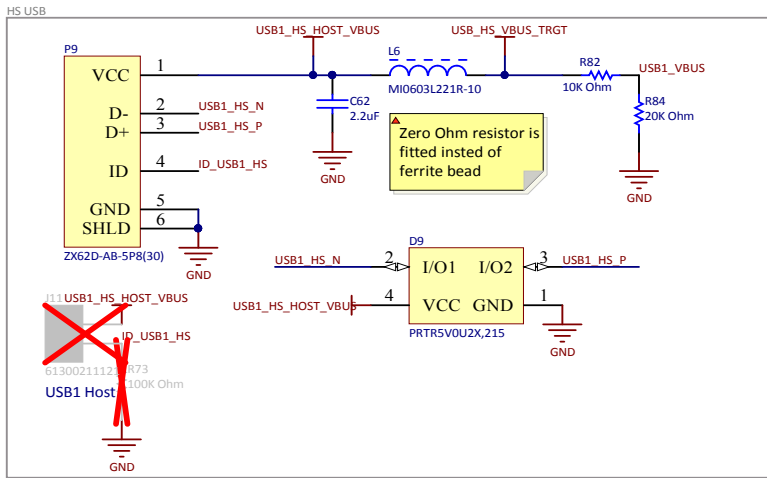
-Restore P20 to variants

-Changed R74 from 100K to 330K

-Added variants to silk screen

-Updated Revision to A2

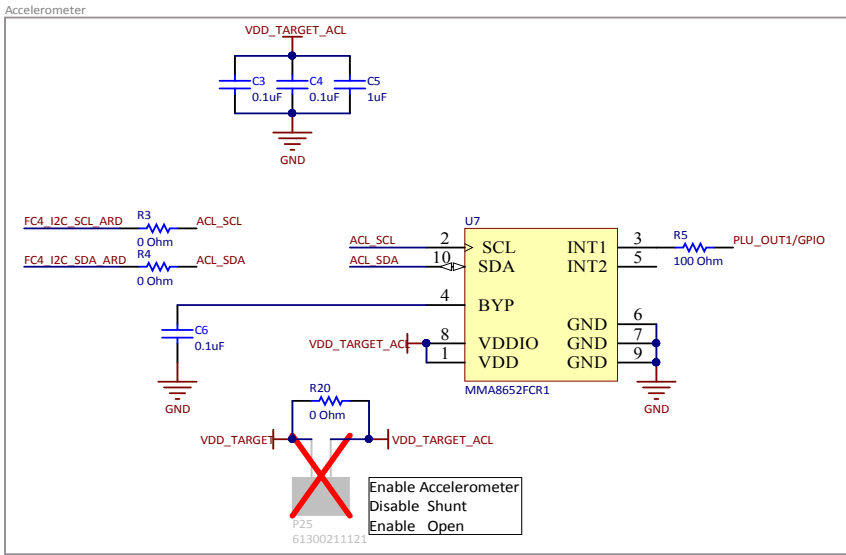
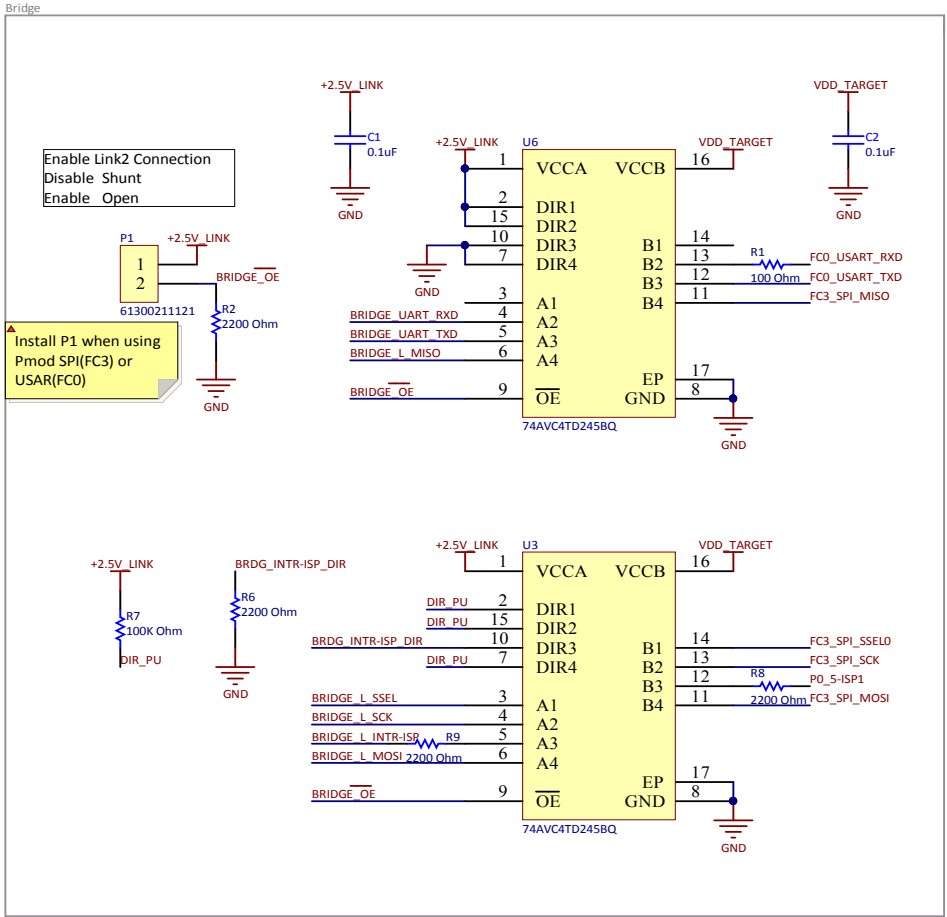




To use external references for ADC jumper of J8 and J9 must be on 2 -3 pads

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| Sheet: | LPCXpresso55SXX_POWER-USB.SchDoc |
| Revision: | A2 |
| Date: | 5/29/2019 |
| Size: | A3 |
| Engineer: | Eduardo Teofilo |
| Checked by: | José Ogando |
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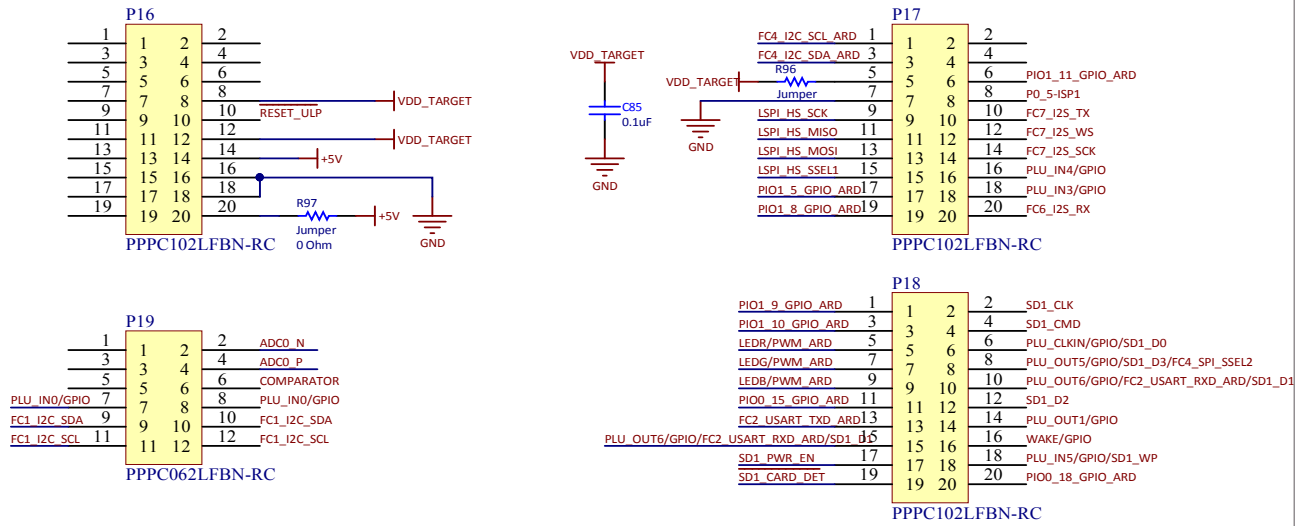




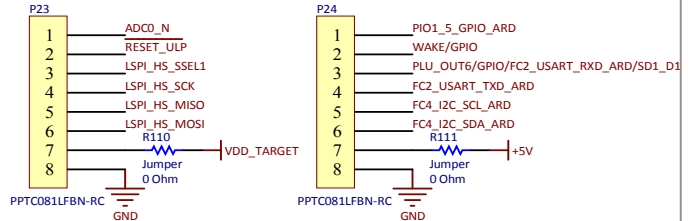
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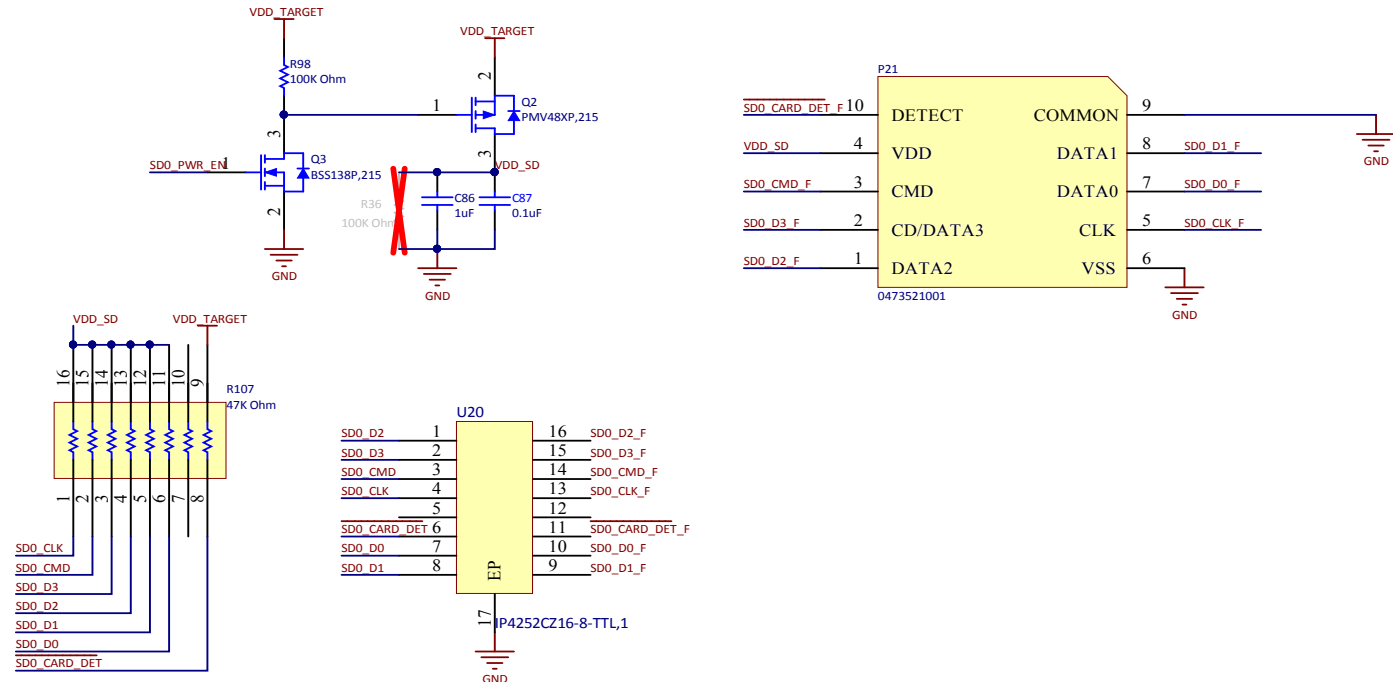
Expansion Connectors



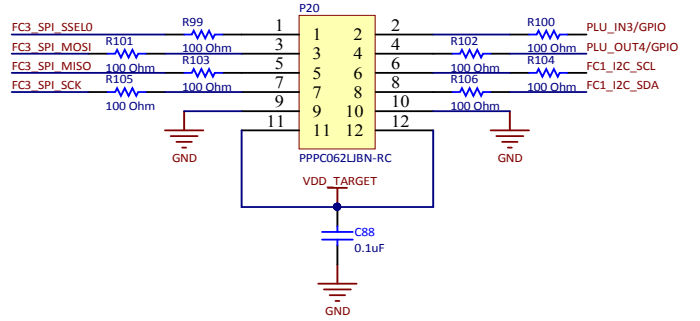
Mikroe Connector



Micro SD Card

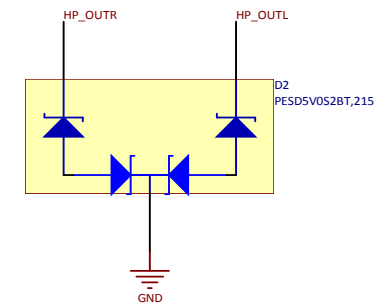
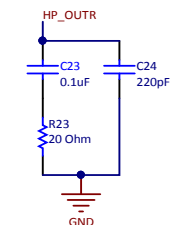
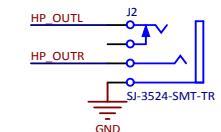
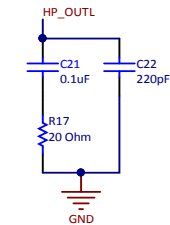
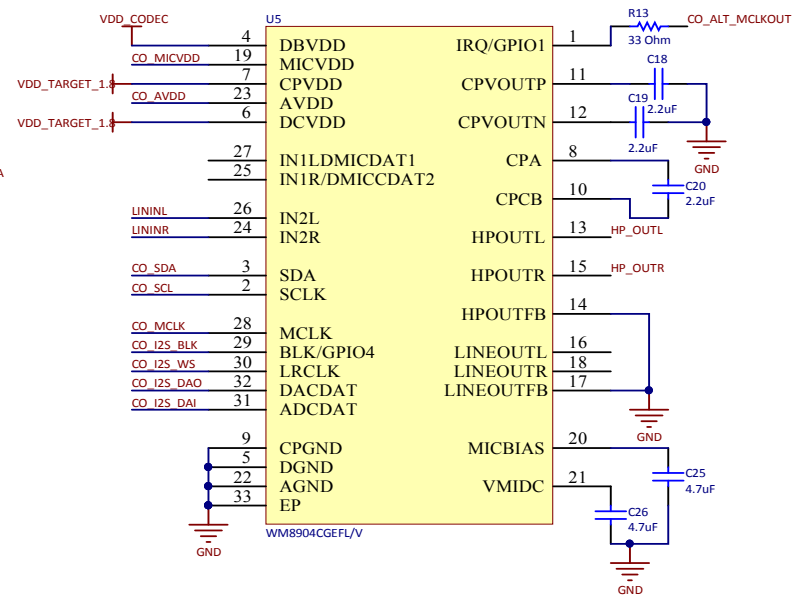
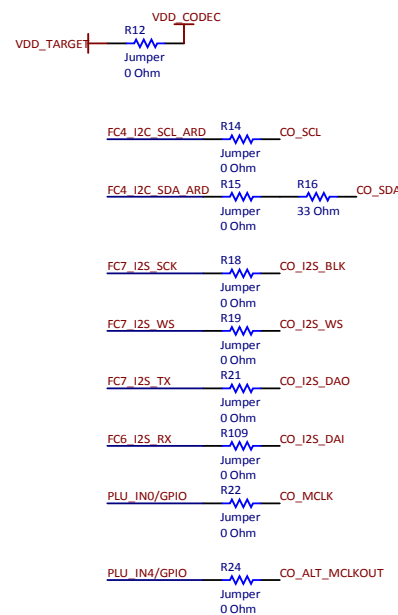
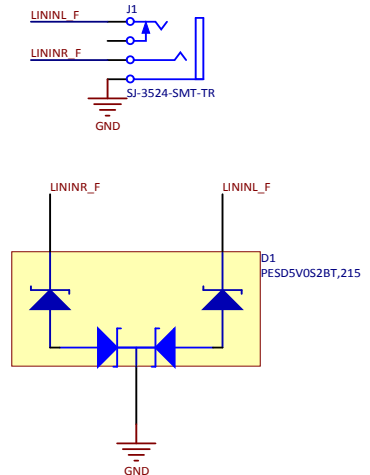
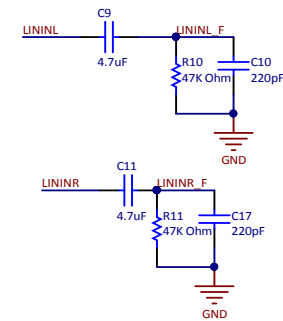
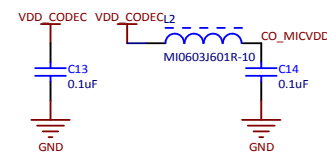
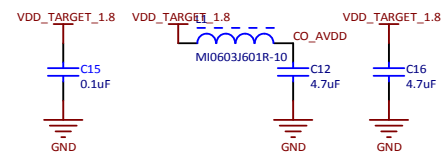


PMOD Connector



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| Revision: | A2 | Engineer | Eduardo Teofilo |
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