

Jan Vykydal

Sheet: /Power/  
File: power.kicad\_sch

**Title: Digitizer 10b 105 MSPS with FPGA**

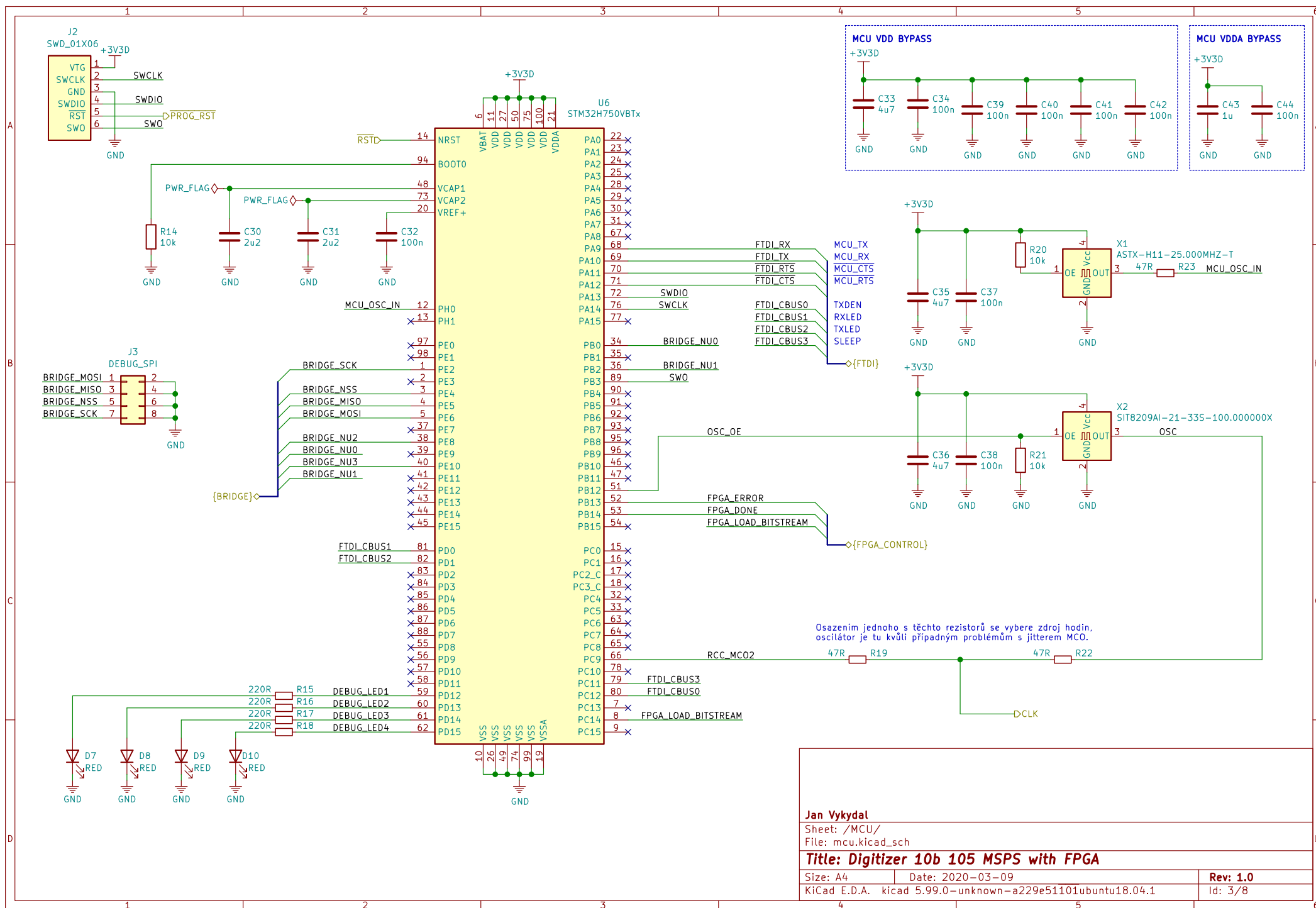
Size: A4

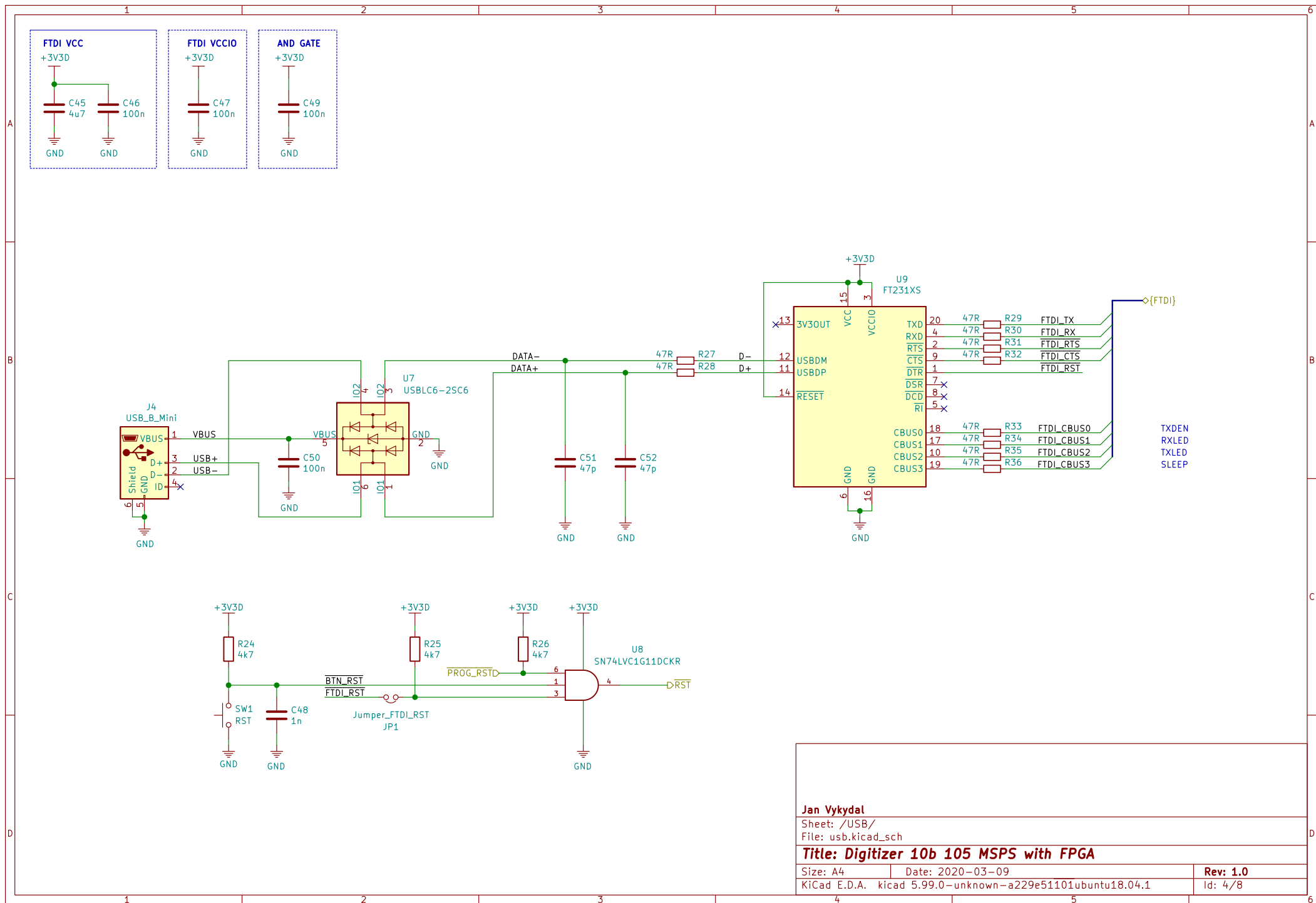
Date: 2020-03-09

Rev: 1.0

KiCad E.D.A. kicad 5.99.0-unknown-a229e51101ubuntu18.04.1

Id: 2/8





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Sheet: /USB/

File: usb.kicad\_sch

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Size: A4

Date: 2020-03-09

Rev: 1.0

KiCad E.D.A. kicad 5.99.0-unknown-a229e51101ubuntu18.04.1

Id: 4/8

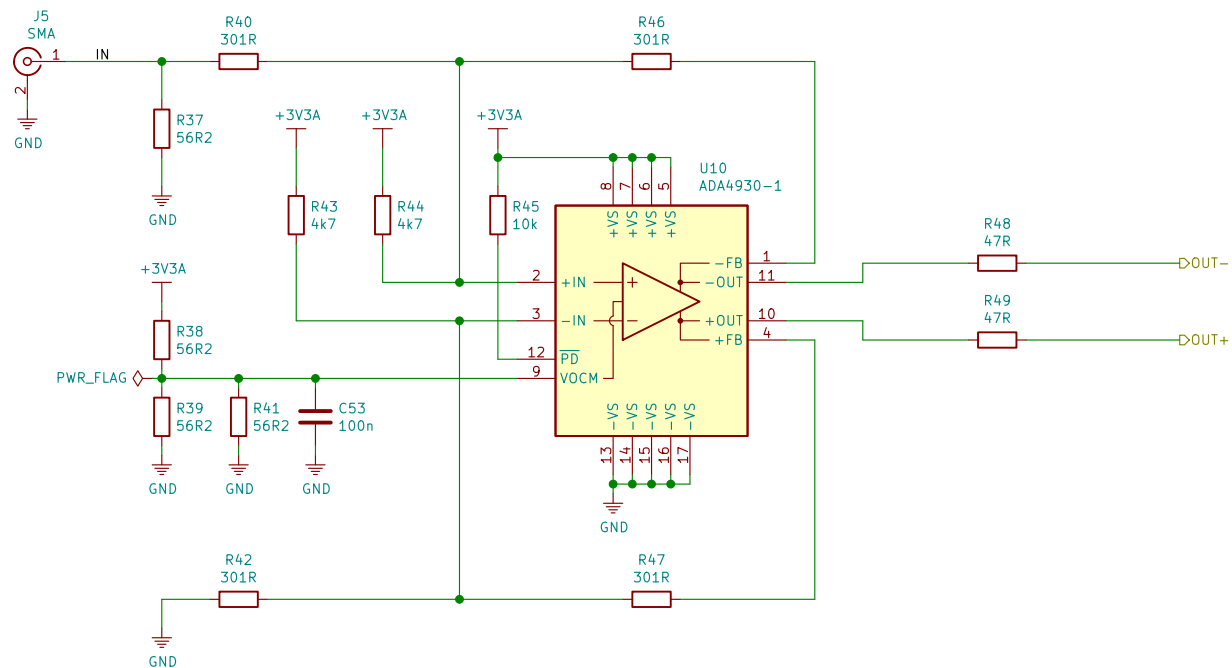
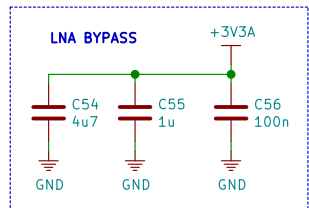


figure 50  
input 2VPP

**Jan Vykydal**

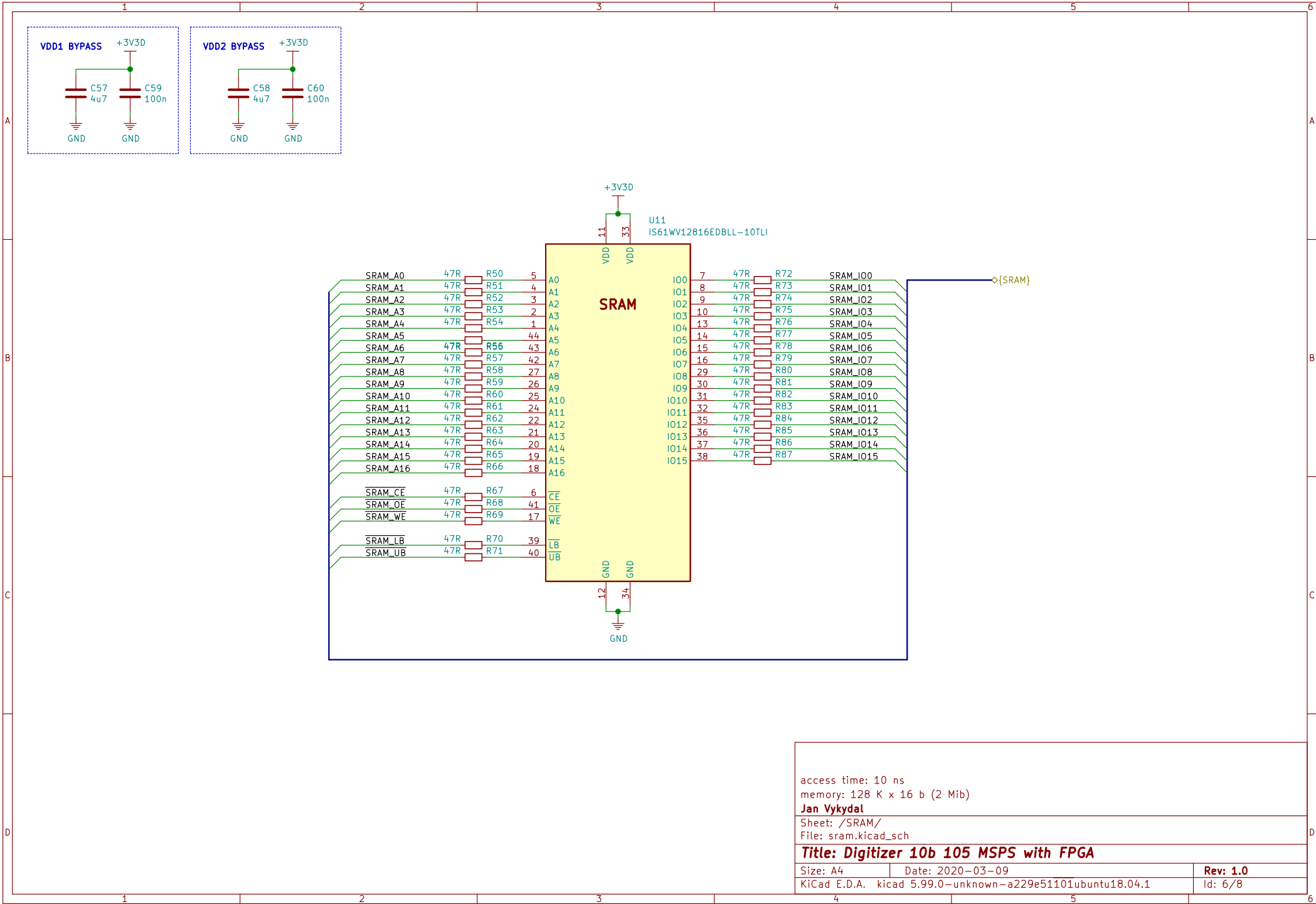
Sheet: /LNA/

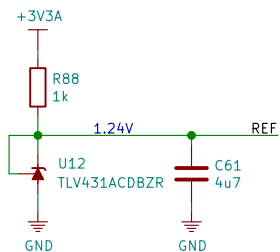
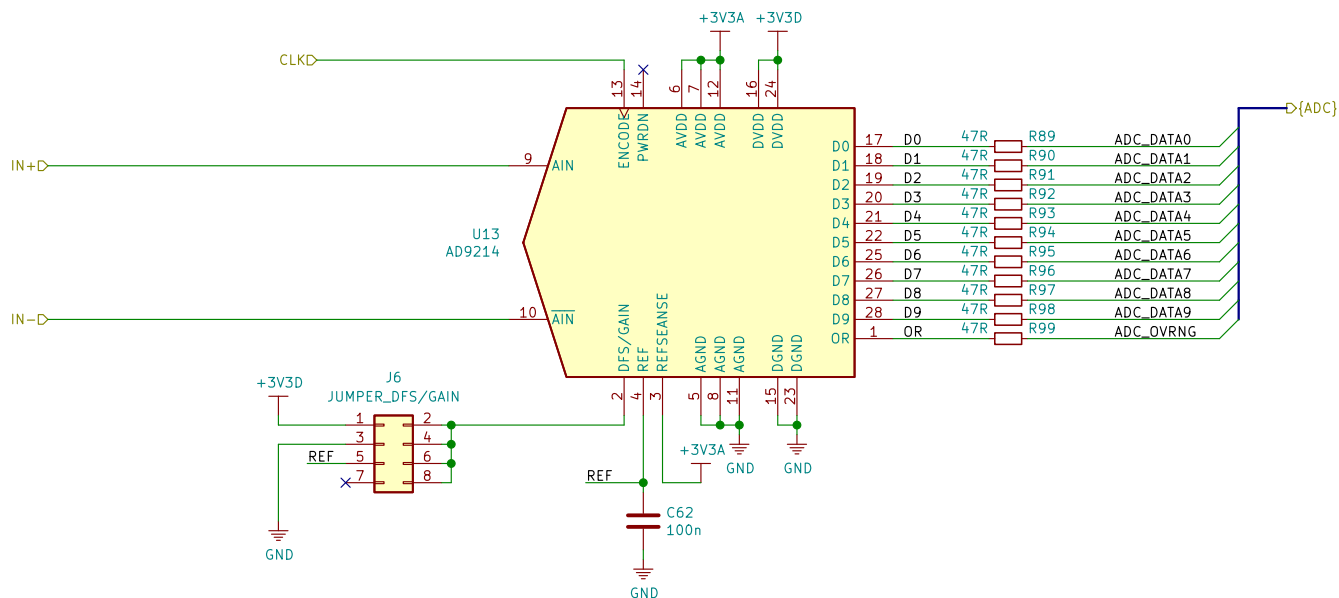
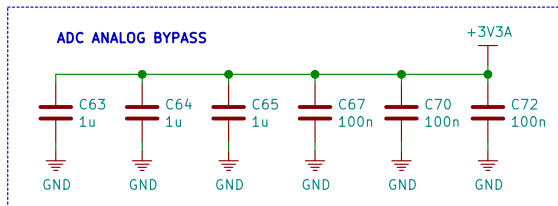
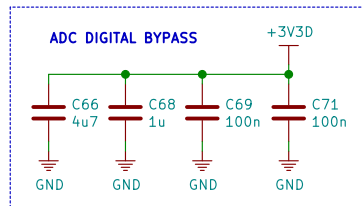
File: lna.kicad\_sch

**Title: Digitizer 10b 105 MSPS with FPGA**

Size: A4 Date: 2020-03-09  
KiCad E.D.A. kicad 5.99.0-unknown-a229e51101ubuntu18.04.1

Rev: 1.0  
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#### DFS/GAIN:

- AVDD - for two's complement data format and 1  $V_{pp}$  analog input range
- AGND - for Offset Binary data format and 1  $V_{pp}$  analog input range
- REF - for two's complement data format and 2  $V_{pp}$  analog input range
- NC - for Offset Binary data format and a 2  $V_{pp}$  analog input range

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Sheet: /ADC/

File: adc.kicad\_sch

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Size: A4

Date: 2020-03-09

Rev: 1.0

KiCad E.D.A. kicad 5.99.0-unknown-a229e51101ubuntu18.04.1

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