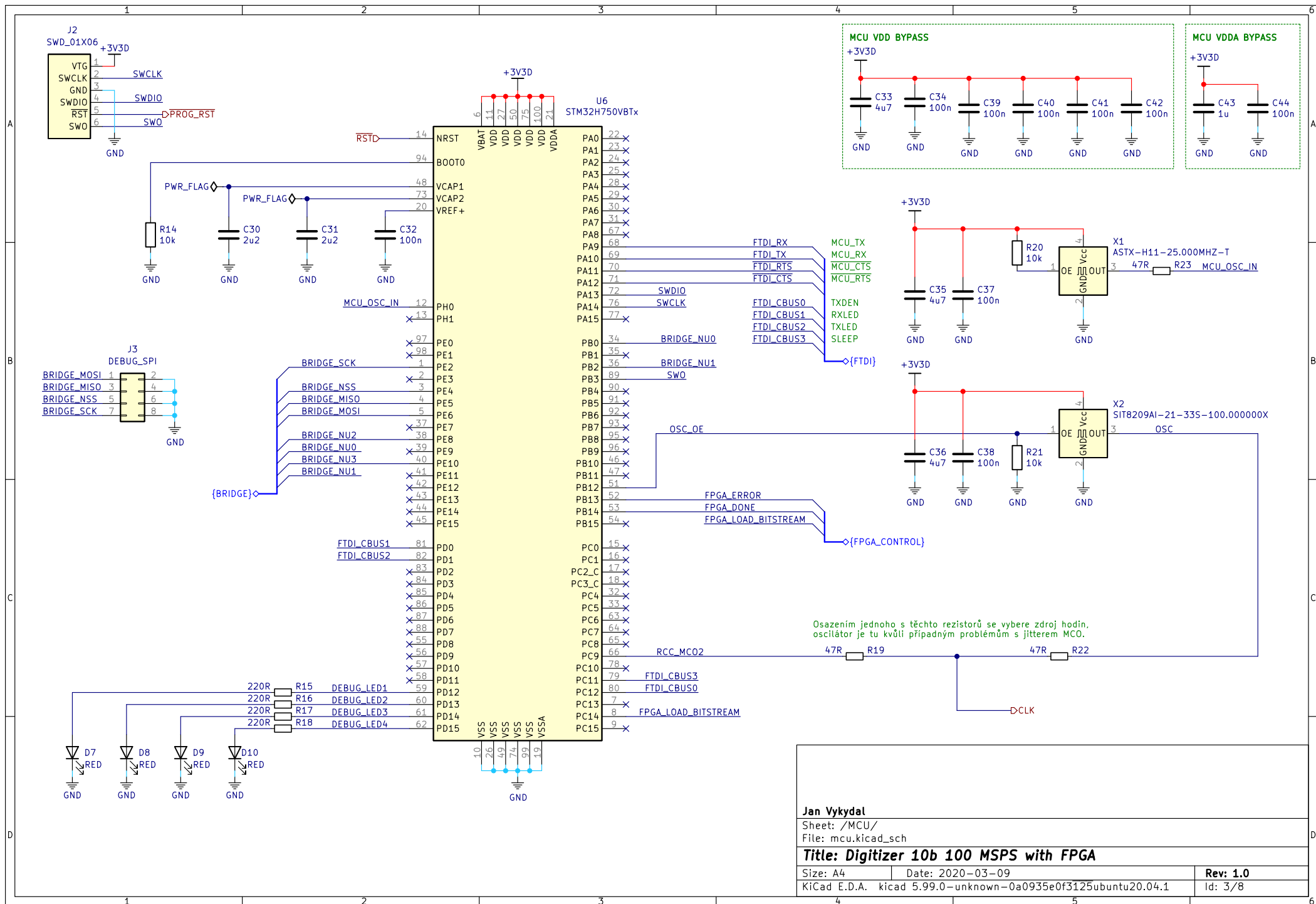


Jan Vykydal

Sheet: /Power/
File: power.kicad_sch

Title: Digitizer 10b 100 MSPS with FPGA

Size: A4	Date: 2020-03-09	Rev: 1.0
KiCad E.D.A.	kicad 5.99.0-unknown-0a0935e0f3125ubuntu20.04.1	Id: 2/8



Jan Vykýdal

Sheet: /MCU/
File: mcu.kicad_sch

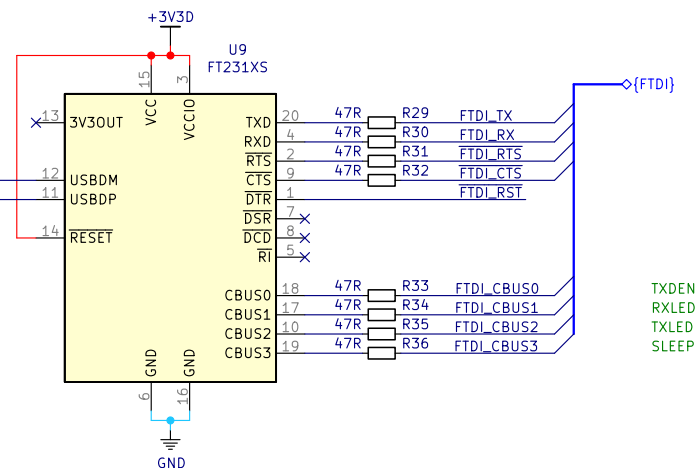
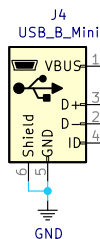
Title: Digitizer 10b 100 MSPS with FPGA

Size: A4
KiCad E.D.A. kicad 5.99.0-unknown-0a0935e0f3125ubuntu20.04.1

Date: 2020-03-09

Rev: 1.0

Id: 3/8



Id: 4/8

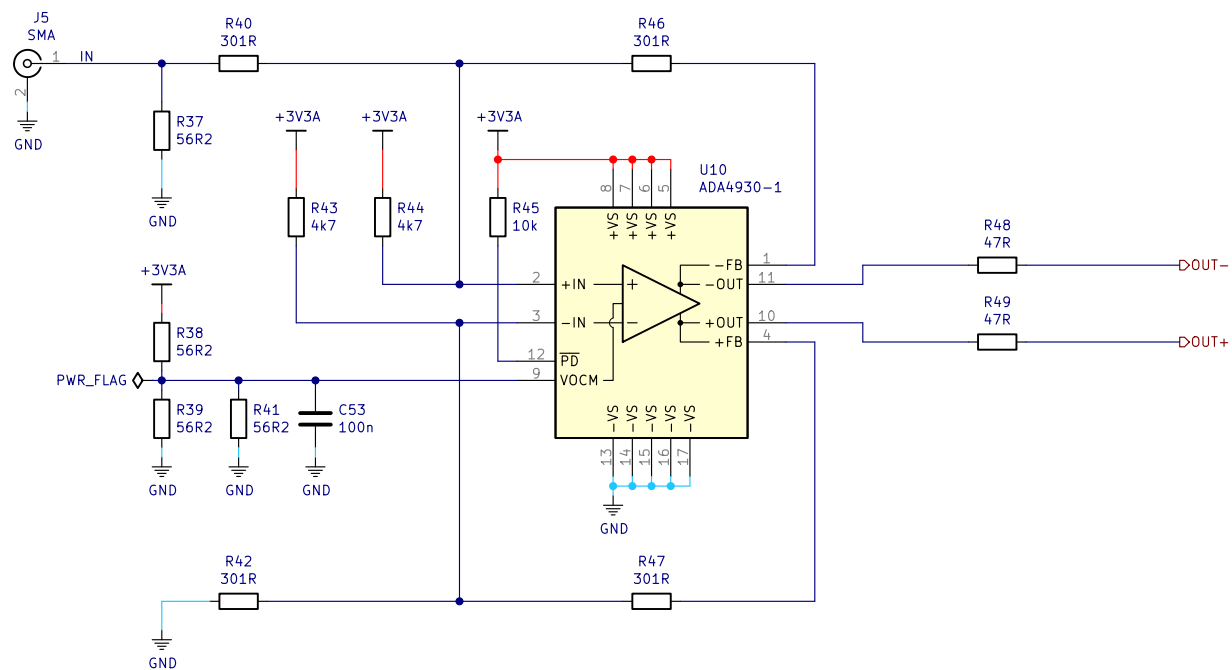
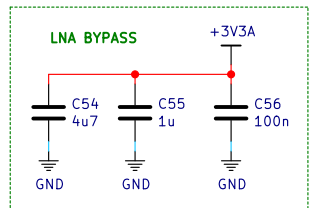


figure 50
input 2VPP

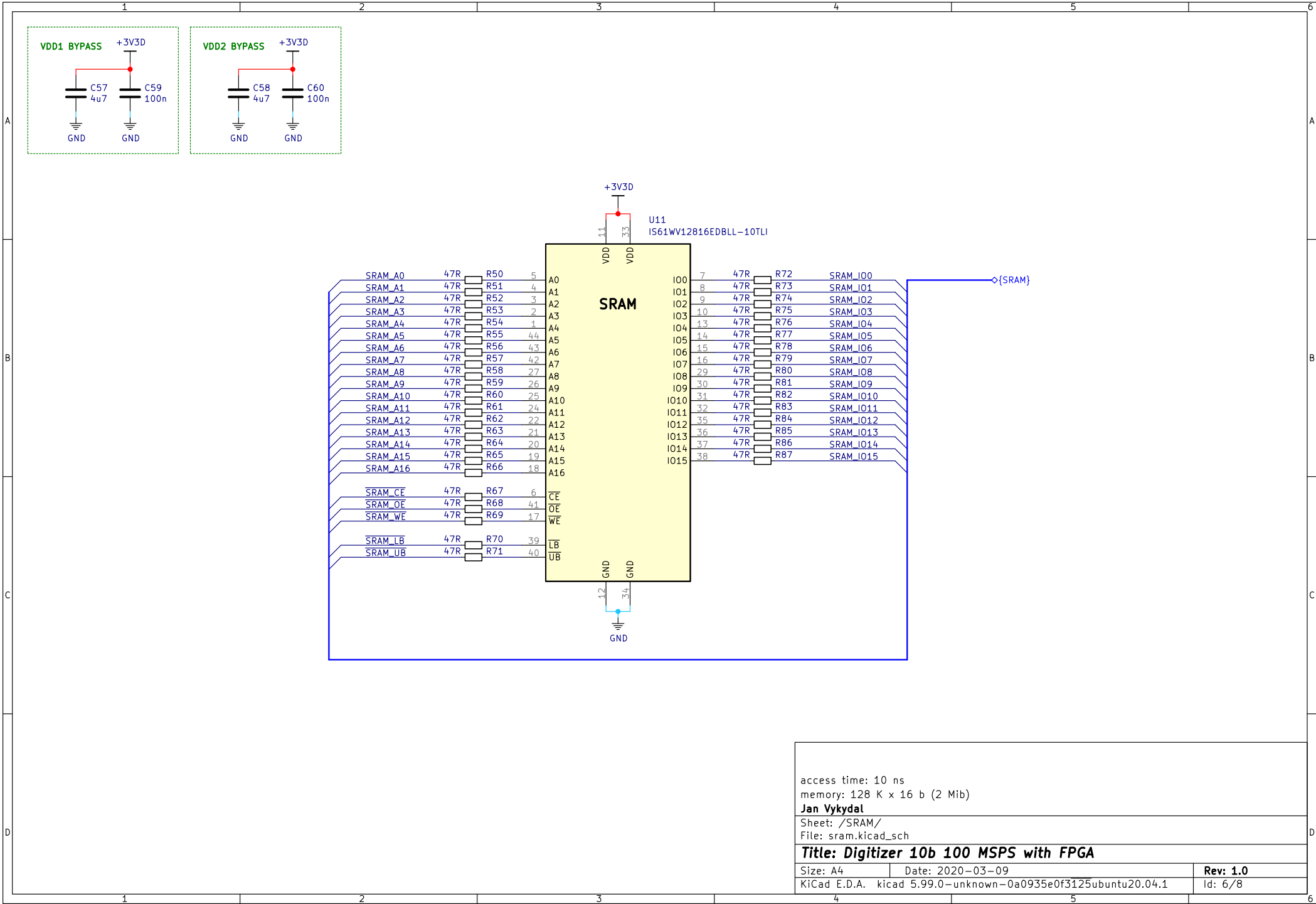
Jan Vykdyal

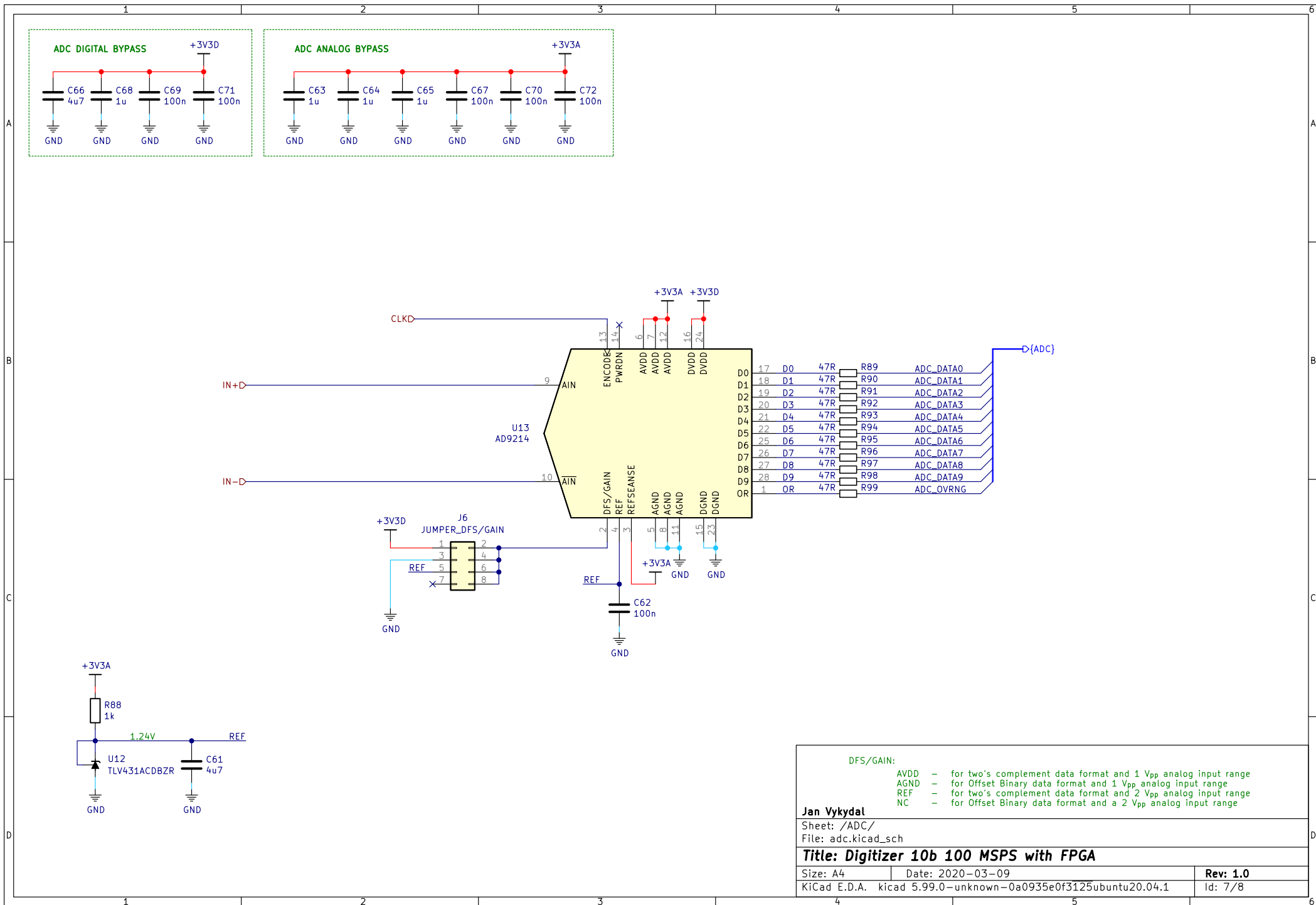
Sheet: /LNA/
File: lna.kicad_sch

Title: Digitizer 10b 100 MSPS with FPGA

Size: A4 Date: 2020-03-09
KiCad E.D.A. kicad 5.99.0-unknown-0a0935e0f3125ubuntu20.04.1

Rev: 1.0
Id: 5/8





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
Jan Vykýdal	
Sheet: /ADC/	
File: adc.kicad_sch	
Title: Digitizer 10b 100 MSPS with FPGA	
Size: A4	Date: 2020-03-09
KiCad E.D.A. kicad 5.99.0-unknown-0a0935e0f3125ubuntu20.04.1	Rev: 1.0
	Id: 7/8

