

USB



File: USB.kicad_sch
SFP



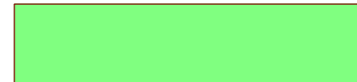
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Power



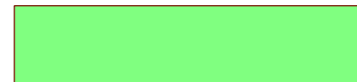
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Ethernet



File: Ethernet.kicad_sch

Clock-WR



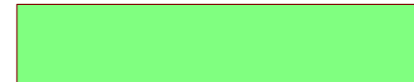
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FPGA



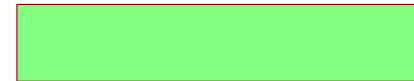
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MGT



File: MGT.kicad_sch

FPGA_PWR



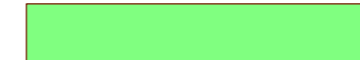
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FPGA_MISC



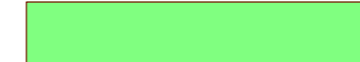
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DDR



File: DDR.kicad_sch

PMODs



File: PMODs.kicad_sch

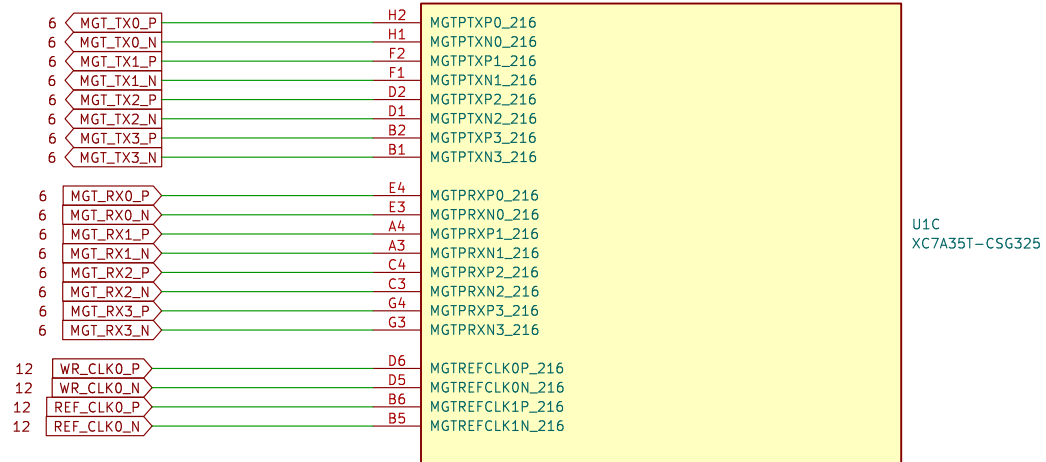
Arduino



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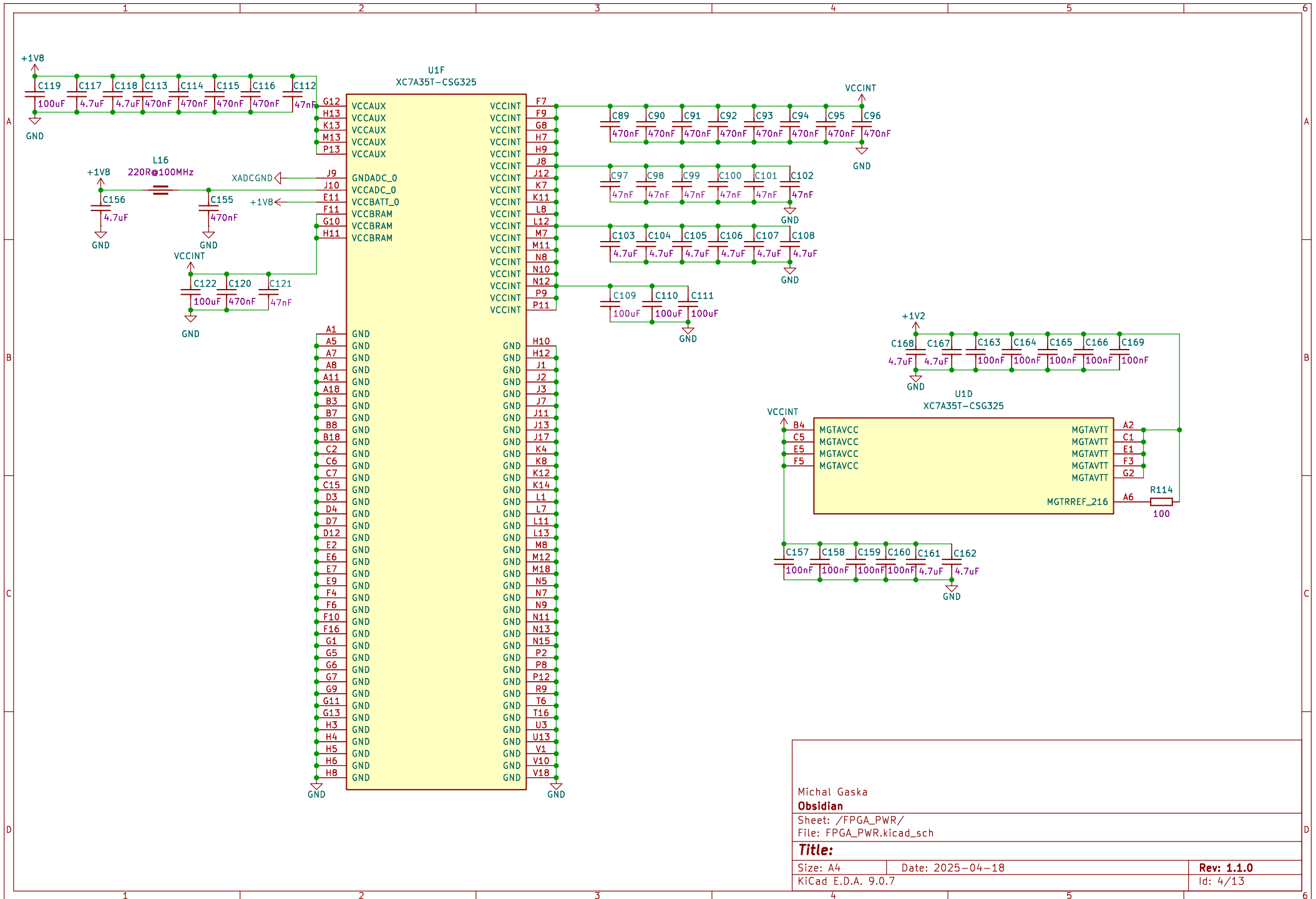
B1 B2 B3 B4
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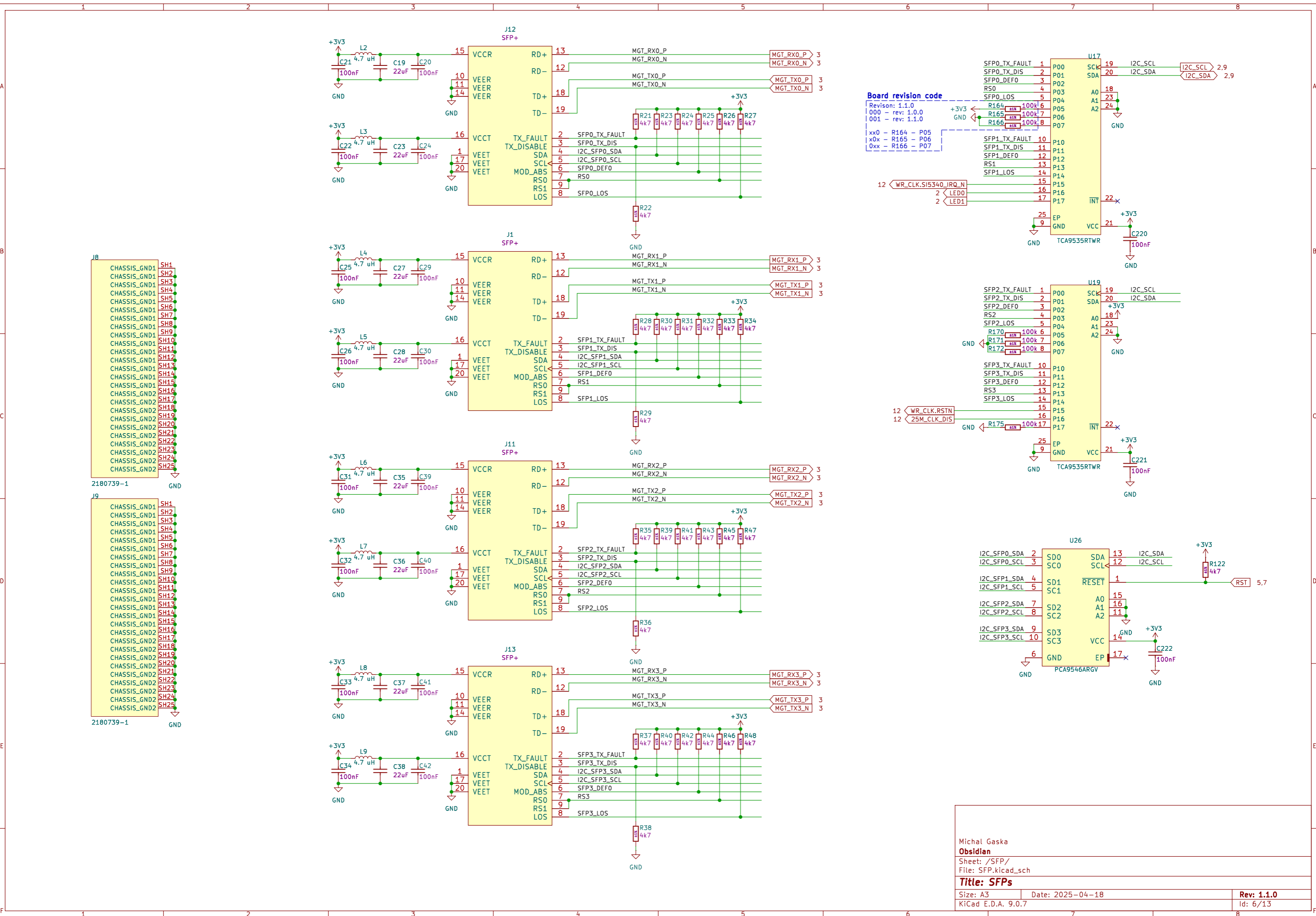
Michal Gaska		
Obsidian		
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File: Obsidian.kicad_sch		
Title:		
Size: A3	Date: 2025-04-18	Rev: 1.1.0
KiCad E.D.A. 9.0.7		Id: 1/13



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Obsidian
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 File: MGT.kicad_sch

Title:	
Size: A4	Date: 2025-04-18
KiCad E.D.A. 9.0.7	Rev: 1.1.0
	Id: 3/13





J8

CHASSIS_GND1	SH1
CHASSIS_GND1	SH2
CHASSIS_GND1	SH3
CHASSIS_GND1	SH4
CHASSIS_GND1	SH5
CHASSIS_GND1	SH6
CHASSIS_GND1	SH7
CHASSIS_GND1	SH8
CHASSIS_GND1	SH9
CHASSIS_GND1	SH10
CHASSIS_GND1	SH11
CHASSIS_GND1	SH12
CHASSIS_GND1	SH13
CHASSIS_GND1	SH14
CHASSIS_GND1	SH15
CHASSIS_GND2	SH16
CHASSIS_GND2	SH17
CHASSIS_GND2	SH18
CHASSIS_GND2	SH19
CHASSIS_GND2	SH20
CHASSIS_GND2	SH21
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CHASSIS_GND2	SH25

2180739-1

J9

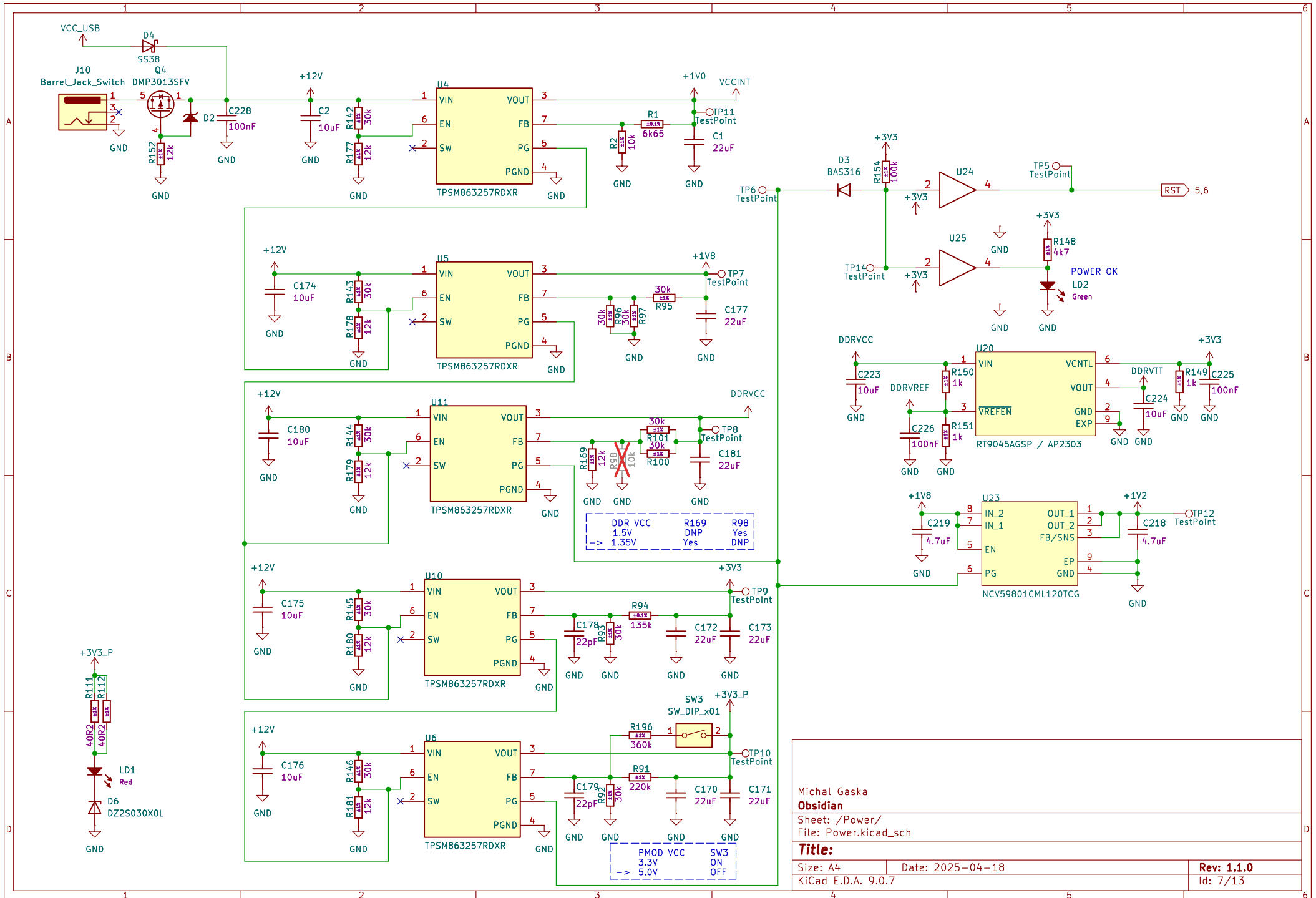
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CHASSIS_GND1	SH7
CHASSIS_GND1	SH8
CHASSIS_GND1	SH9
CHASSIS_GND1	SH10
CHASSIS_GND1	SH11
CHASSIS_GND1	SH12
CHASSIS_GND1	SH13
CHASSIS_GND1	SH14
CHASSIS_GND1	SH15
CHASSIS_GND1	SH16
CHASSIS_GND2	SH17
CHASSIS_GND2	SH18
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CHASSIS_GND2	SH25

2180739-1

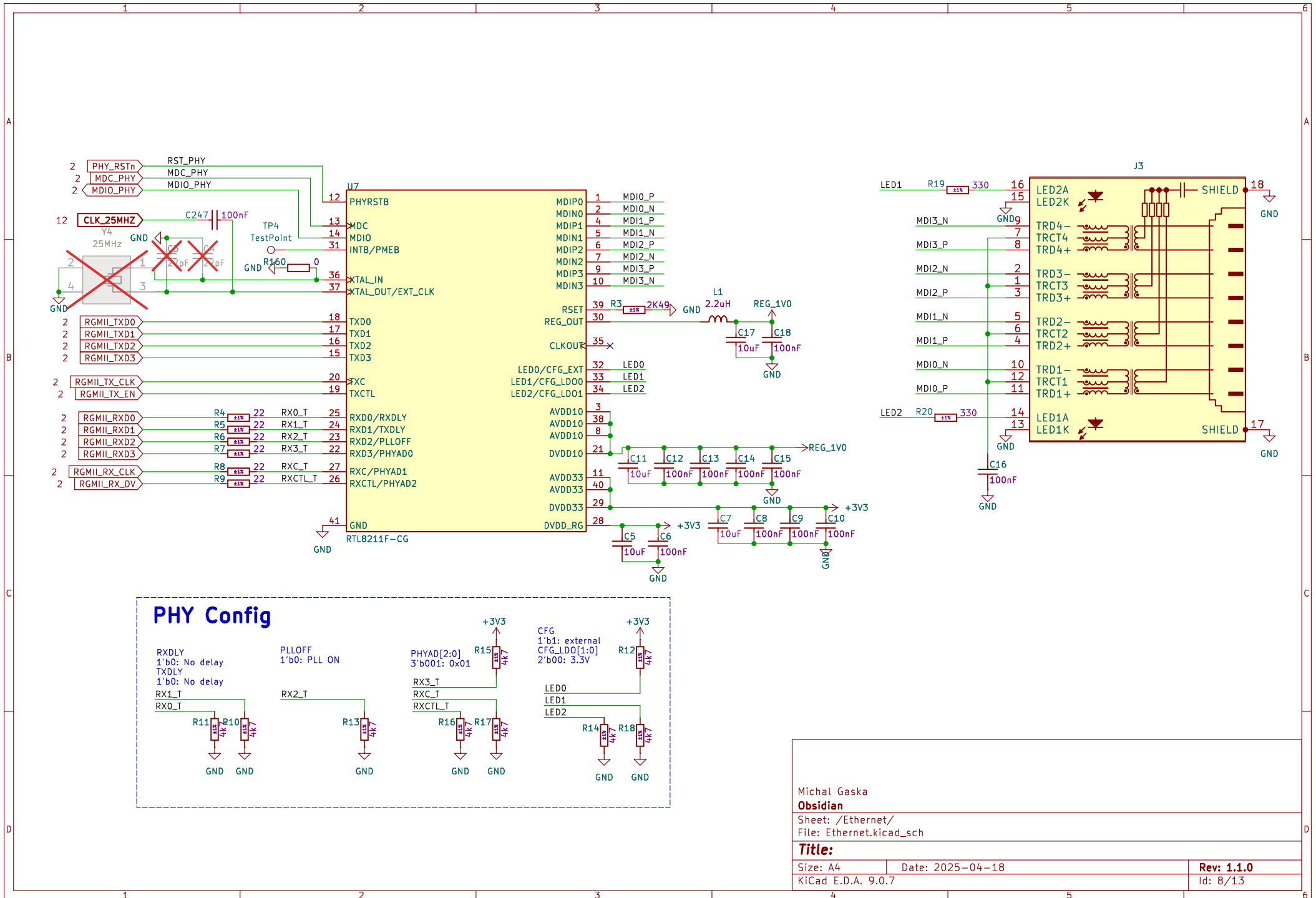
Board revision code

Revision: 1.1.0
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 001 - rev: 1.1.0

xx0 - R164 - P05
 x0x - R165 - P06
 0xx - R166 - P07



Michal Gaska Obsidian Sheet: /Power/ File: Power.kicad_sch	
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KiCad E.D.A. 9.0.7	Rev: 1.1.0 Id: 7/13



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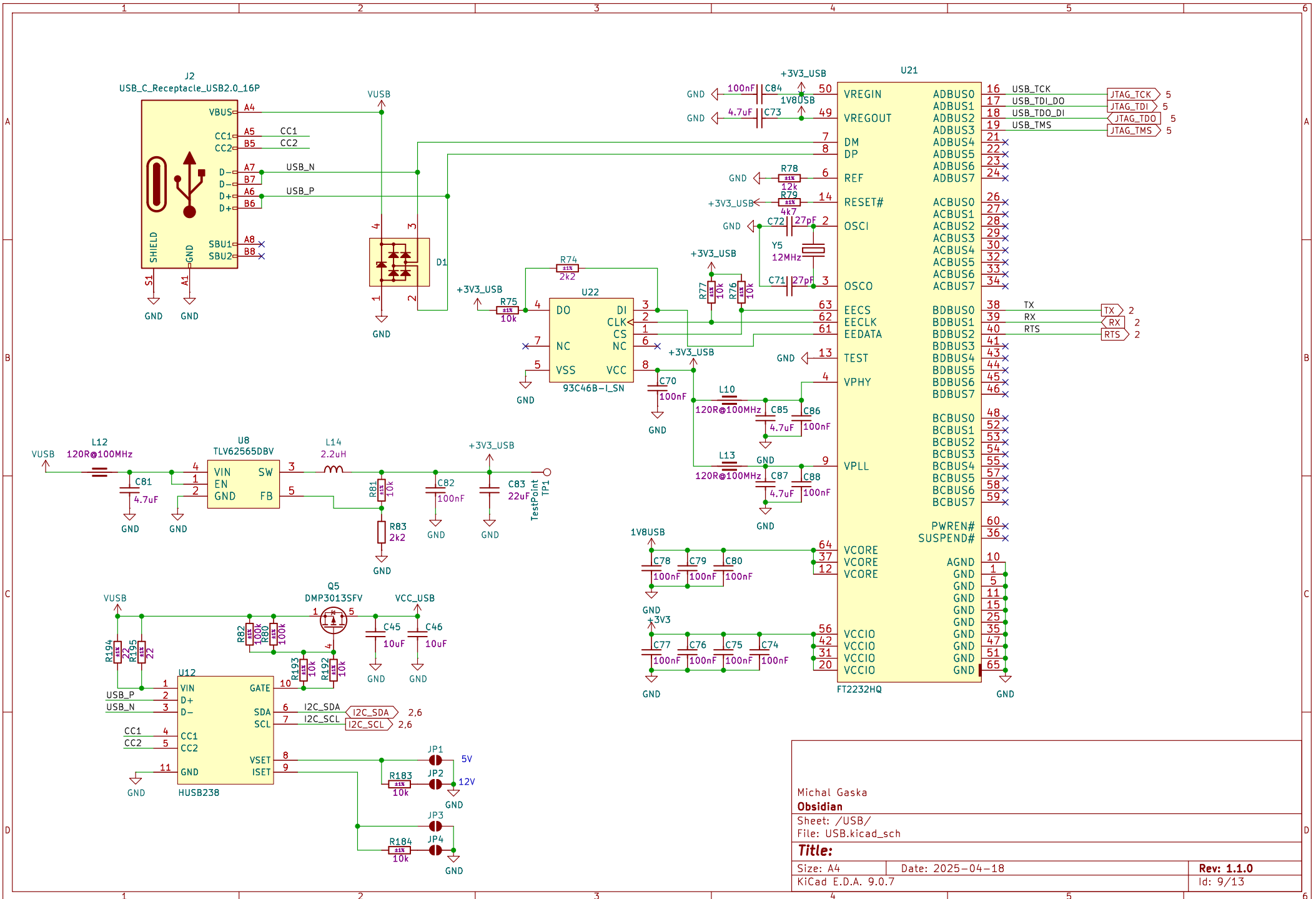
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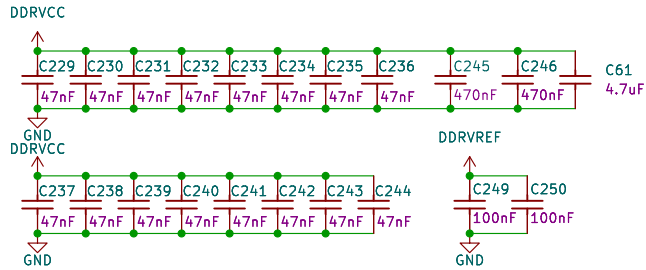
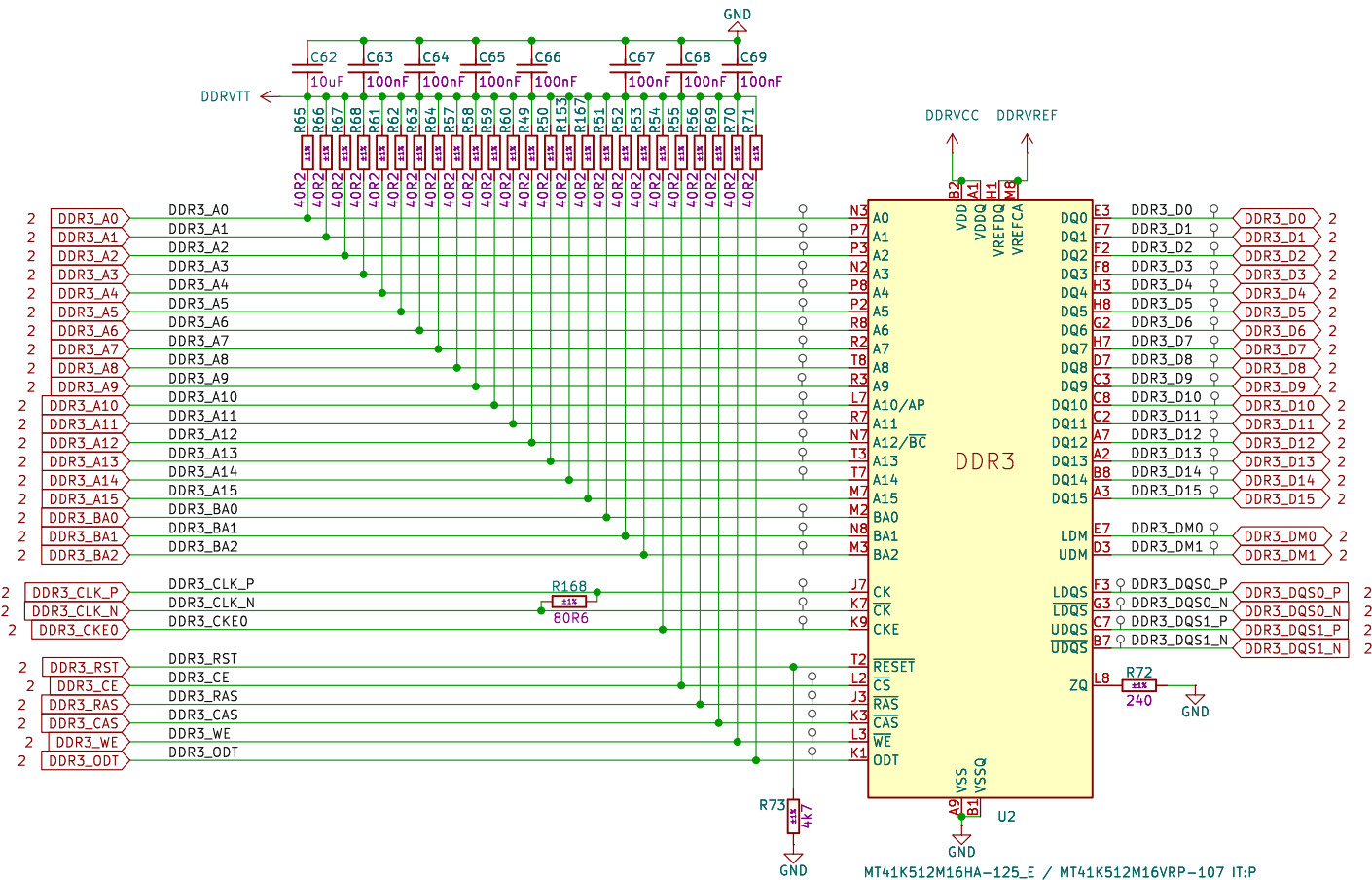
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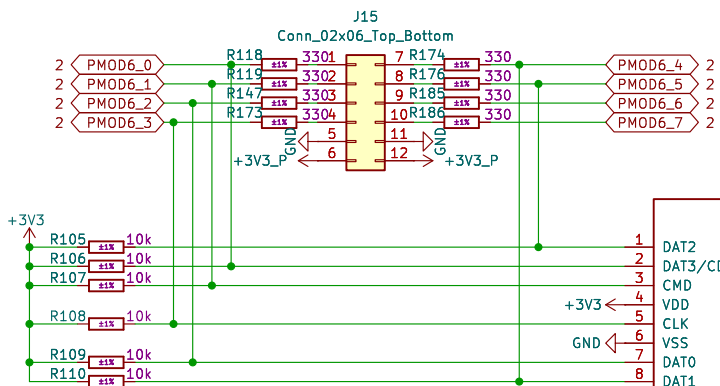
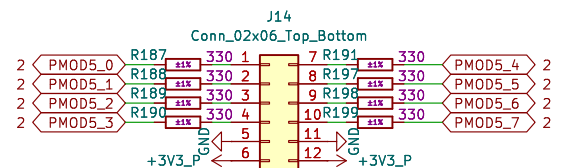
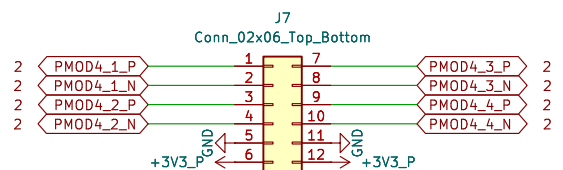
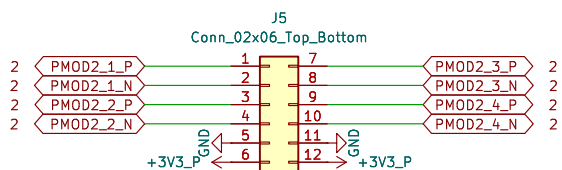
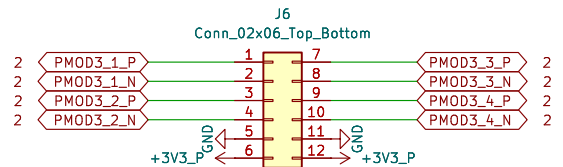
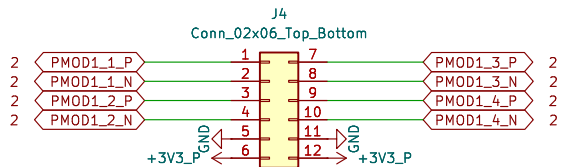
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Id: 8/13



Michal Gaska		
Obsidian		
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Size: A4	Date: 2025-04-18	Rev: 1.1.0
KiCad E.D.A. 9.0.7		Id: 9/13



Michal Gaska		Obsidian	
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KiCad E.D.A. 9.0.7			Id: 10/13



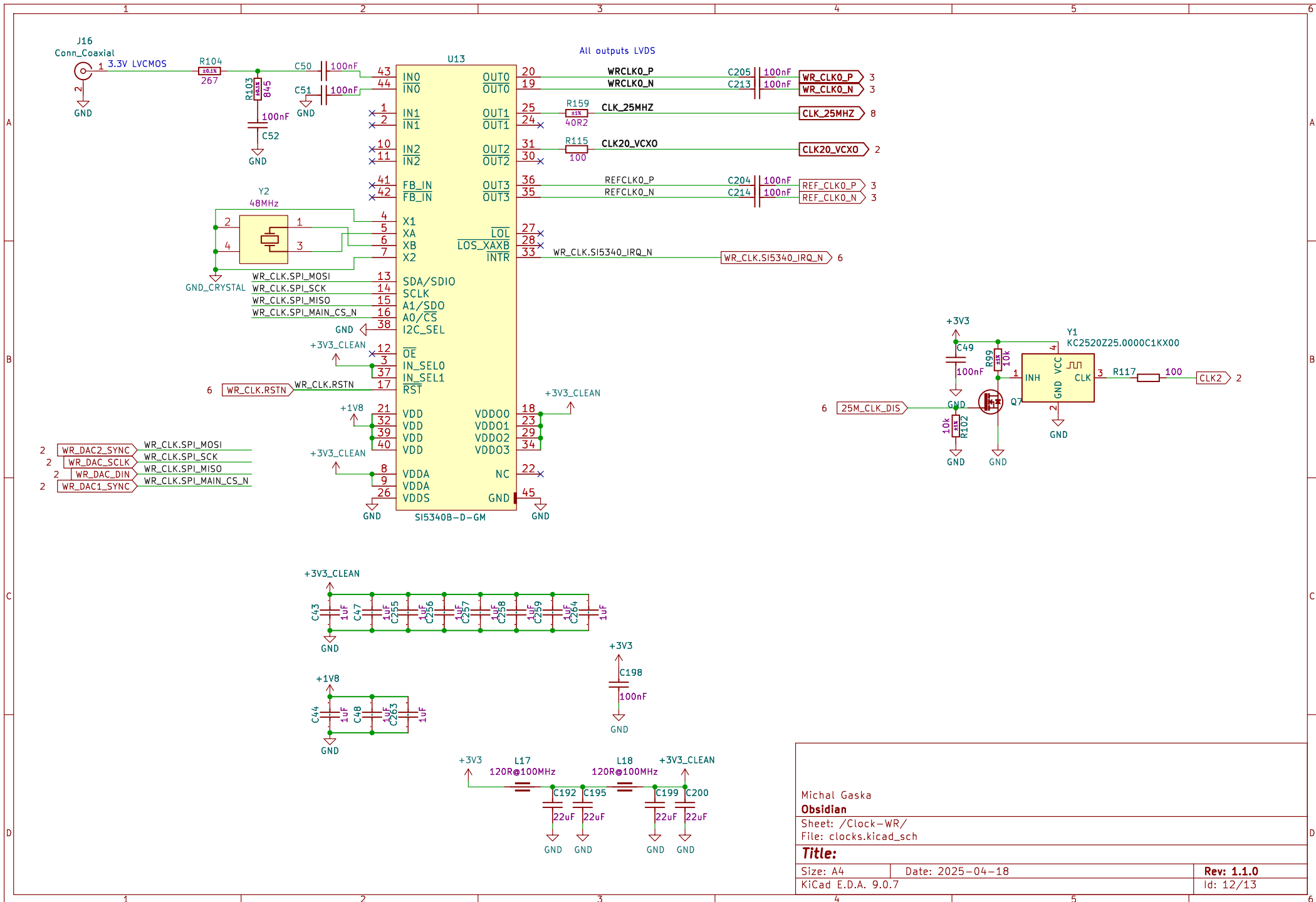
Michal Gaska
Obsidian

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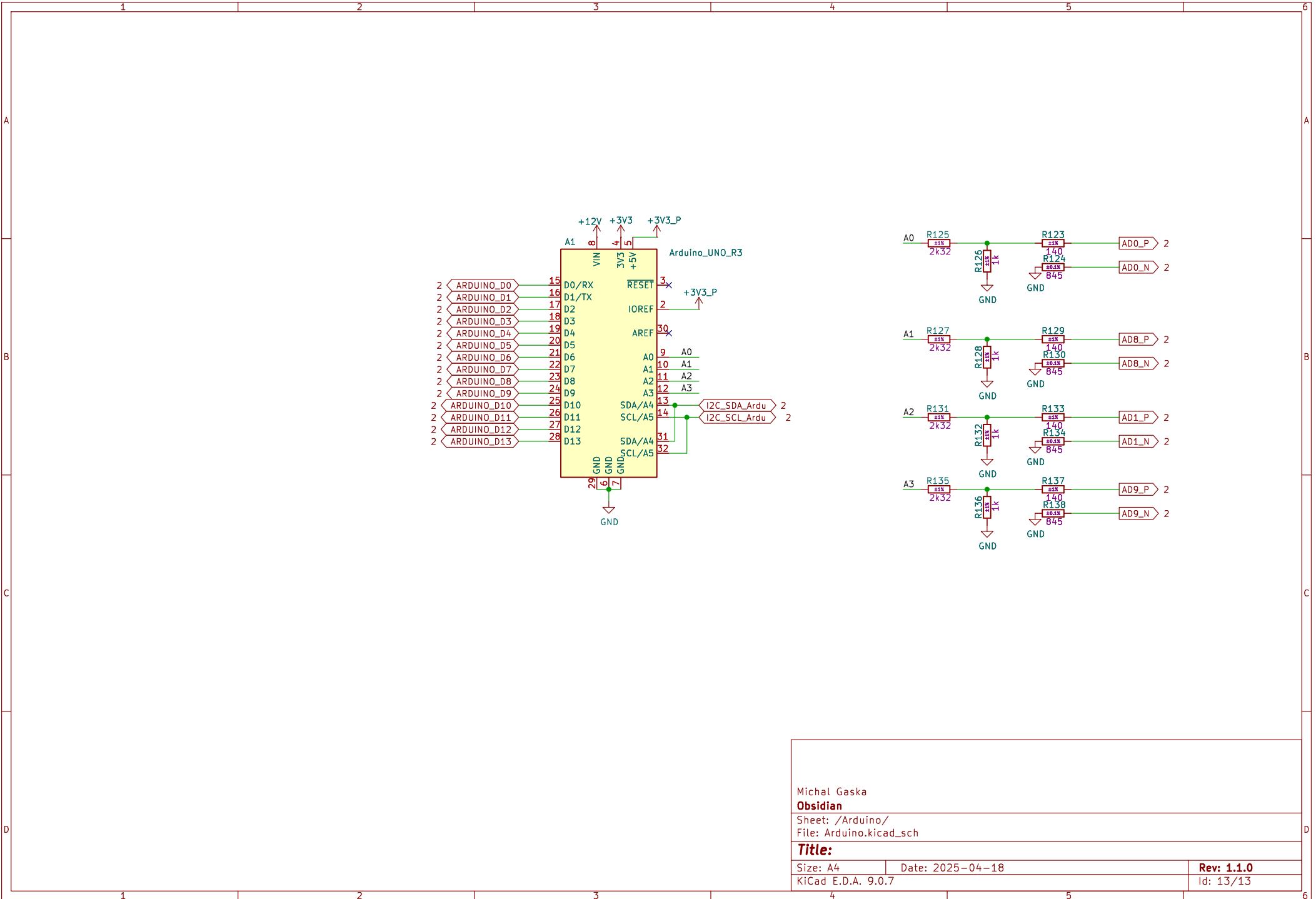
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Rev: 1.1.0
Id: 11/13



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Obsidian	
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Size: A4	Date: 2025-04-18
KiCad E.D.A. 9.0.7	Rev: 1.1.0
	Id: 12/13



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Sheet: /Arduino/
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Title:

Size: A4 Date: 2025-04-18
 KiCad E.D.A. 9.0.7

Rev: 1.1.0
 Id: 13/13