

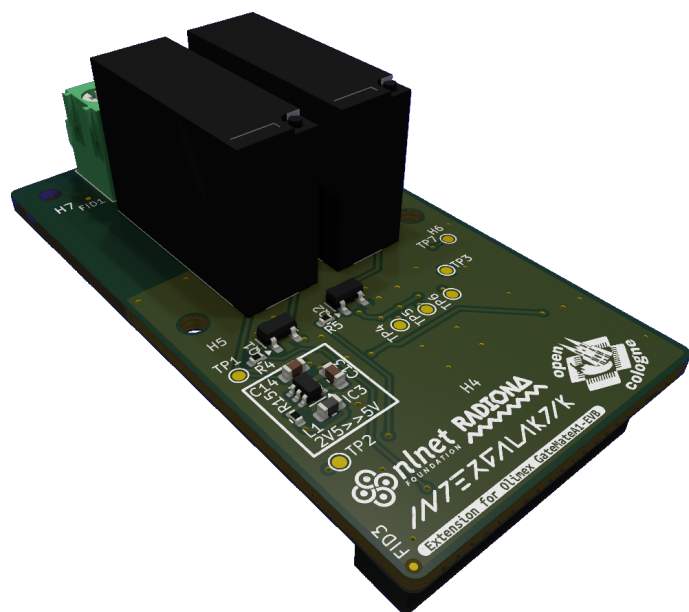
Extension for Olimex EVB – tmr10 v0.1

2025-04-07

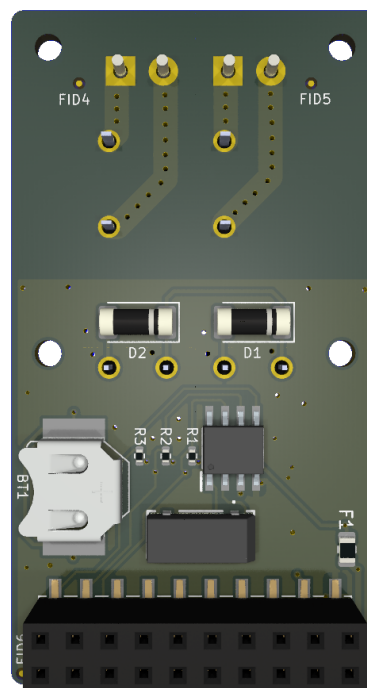
Intergalaktik d.o.o.
License: CERN-OHL-S v2
Year: 2024.

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TOP VIEW



BOTTOM VIEW



Main Sheet Dimensions sheet

File: main.kicad_sch File: dimensions.kicad_sch



CERN-OHL-S v2
Intergalaktik d.o.o.

Sheet: /
File: tmr10.kicad_sch

Title: Extension for Olimex EVB – tmrIO v0.1

Size: A4

Date: 2024-12-03

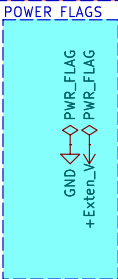
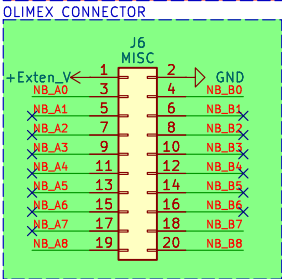
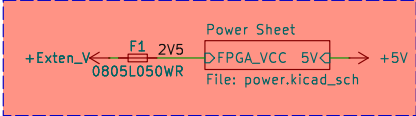
Rev: v0.1

Id: 1/6

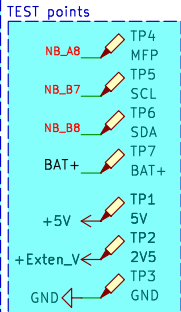
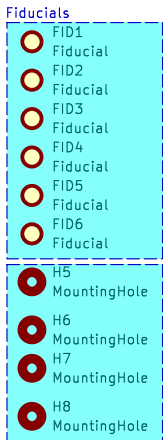
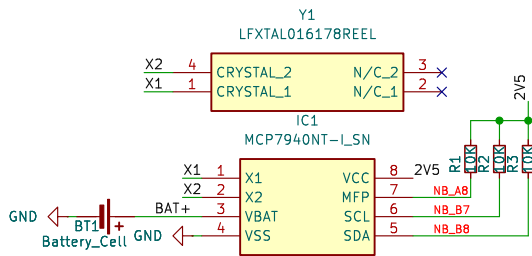
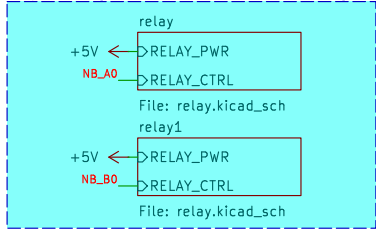
Main Page

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Olimex board is delivering MAX 2.5V on connector.
You can use 2.5V output signals for 3.3V.
Be carefull FPGA input only tolerate MAX 2.5V!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

2V5 over Resettable Fuses – PPTC 0.50A 6V 0805
5V step up can only go to 400mA

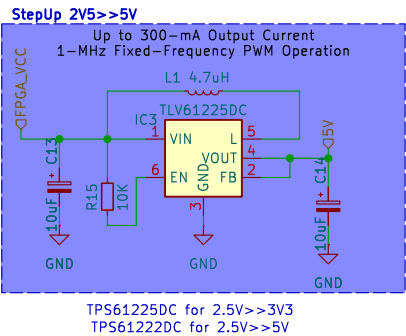


Those schematics are cloned.
If you change one sch, other will also change!



CERN-OHL-S v2		
Intergalaktik d.o.o.		
Sheet: /Main Sheet/		
File: main.kicad_sch		
Title: Extension for Olimex EVB – tmrIO v0.1		
Size: A4	Date: 2024-12-03	Rev: v0.1
KiCad E.D.A. 9.0.0		Id: 2/6

Power Page



CERN-OHL-S v2

Intergalaktik d.o.o.

Sheet: /Main Sheet/Power Sheet/

File: power.kicad_sch

Title: Extension for Olimex EVB – tmlrIO v0.1

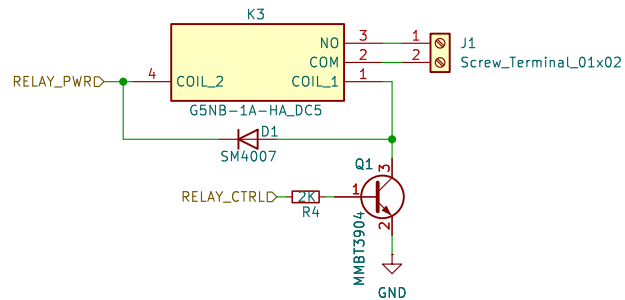
Size: A5

Date: 2024-12-03

Rev: v0.1

KiCad E.D.A. 9.0.0

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Intergalaktik d.o.o.

Sheet: /Main Sheet/relay/

File: relay.kicad_sch

Title: Extension for Olimex EVB – tmrIO v0.1

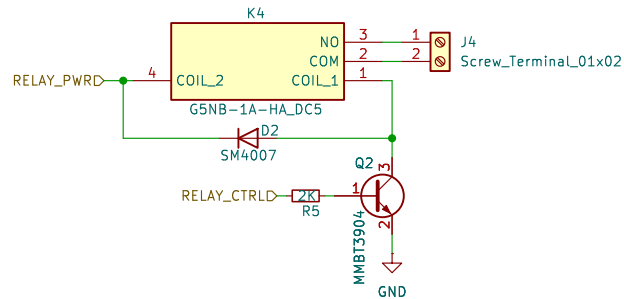
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Date: 2024-12-03

Rev: v0.1

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Intergalaktik d.o.o.

Sheet: /Main Sheet/relay1/

File: relay.kicad_sch

Title: Extension for Olimex EVB – tmrIO v0.1

Size: A5

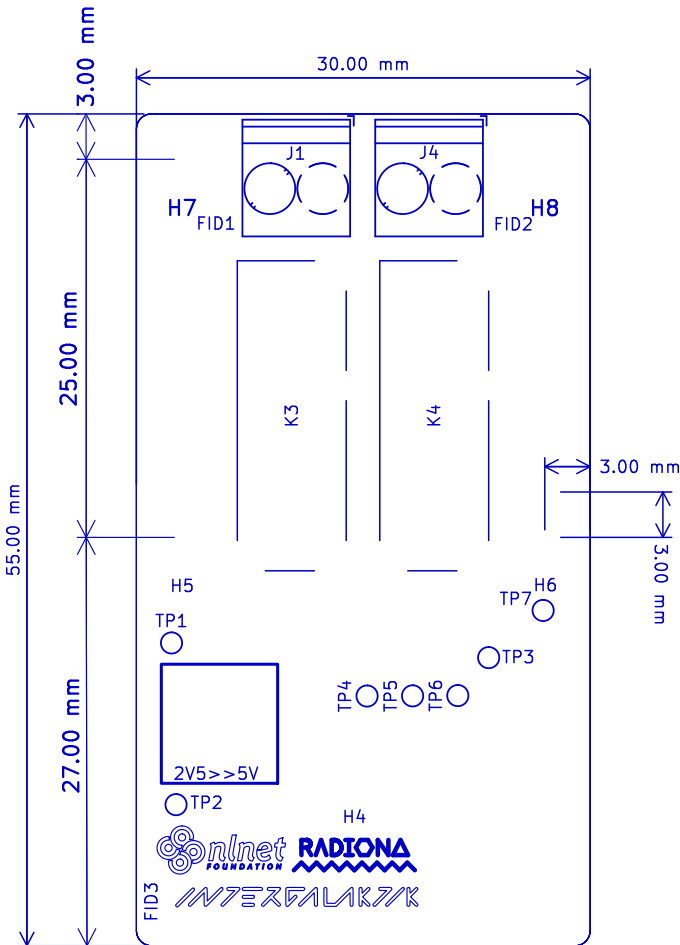
Date: 2024-12-03

Rev: v0.1

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Dimension Page



CERN-OHL-S v2		
Intergalaktik d.o.o.		
Sheet: /Dimensions sheet/ File: dimensions.kicad_sch		
Title: Extension for Olimex EVB – tmrIO v0.1		
Size: A4	Date: 2024-12-03	Rev: v0.1
KiCad E.D.A. 9.0.0	Id: 6/6	