# Olimex Extension DVI v0.1

Intergalaktik d.o.o.

License: CERN-OHL-S v2 Year: 2024.

Change project informations under.
File>>Schamatic Setup>>Text Variables

### ......

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! 

#### 

2.5V input is connected over 500mA resetable fuse! Maximum current for 2.5V is set to 500mA. It may be possible to drain more current but you will need add different FUSE and use it at your own risk! 3.3V step up is limited to 300mA Idea behind limits is that you can use all 3 extensions slots at once without any risk od draining to much!

#### 

There is same pinout part for 5V step up. So you can have 5V with just one IC change. For more details check Power page.

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## TOP VIEW



Dimension

Main Sheet

2025-04-07

File: dimension.kicad\_sch File: main.kicad\_sch

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Sheet: / File: dvi.kicad sch

Title: Olimex Extension DVI v0.1

Size: A4 Date: 2024-12-02 Rev: v0.1 KiCad E.D.A. 9.0.0 ld: 1/4





