Olimex Extension Template v0.1

Project creator: Intergalaktik d.o.o. Project 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! 2.5V input is connected over 500mA resetable Tuse!

Maximum current for 2.5V is set to 500mA.

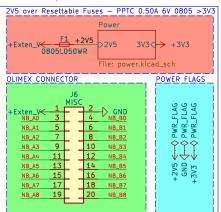
It may be possible to drain more current but

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.



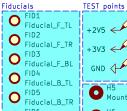
Replace bottom 3D images with your PCB **Bottom View** Top View

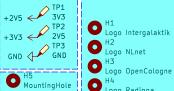






Dimensions









Sheet: /

File: extension_template.kicad_sch

i i	litle: Ulimex Extension Template VU.1				
	Size: A4	Date: 2024-12-02			Rev: v0.1
_ }	KiCad E.D.A. 8.0.4				ld: 1/2
4			5		

