

# ULX4M-LD v003

2025-04-04

Intergalaktik d.o.o.  
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Year: 2025

click on mouse pointer arrow on top of right toolbar  
and double-click on sheet to open

power BANK POWER 1V1/1V2 1V35 2V5 3V3 File: power.kicad_sch	usb BANK6 CLK25 JTAG USB File: usb.kicad_sch
blinky 3X BTN 8X LED File: blinky.kicad_sch	ram BANK2 BANK3 DDR3 GPDIO File: ram.kicad_sch
serdes BANK 50 BANK 51 SERDES File: serdes.kicad_sch	gpio BANK0 BANK7 CM4 connector File: gpio.kicad_sch
gpdI BANK1 DSI SD GPDIO File: gpdI.kicad_sch	ethernet Ethernet-KSZ9031RXCA File: ethernet.kicad_sch
DDR3 DDR3-AS4C256M16D3 File: ddr3.kicad_sch	flash BANK8 FLASH-IS25LP128F File: flash.kicad_sch
drawings File: drawings.kicad_sch	

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GPIO  
USB  
GPDIO  
Blinkey  
Ethernet  
DDR3 FPGA  
DDR3  
SerDes  
Flash  
MechanicalDrawing

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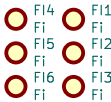
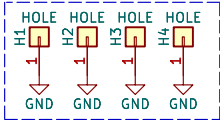
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## Blender render top side



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Sheet: /  
File: ulx4m-ld.kicad\_sch

Title: ULX4M-LD

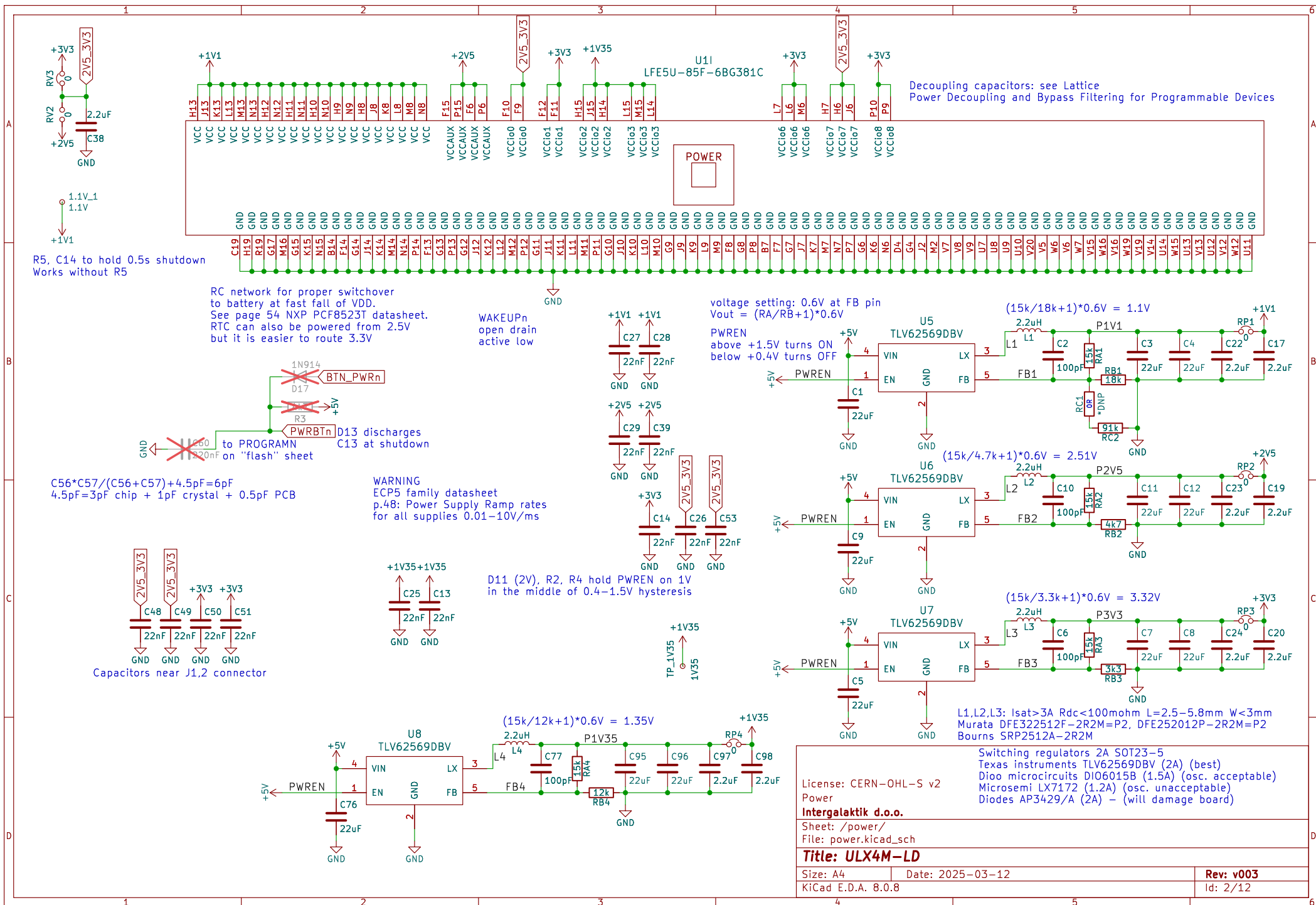
Size: A4

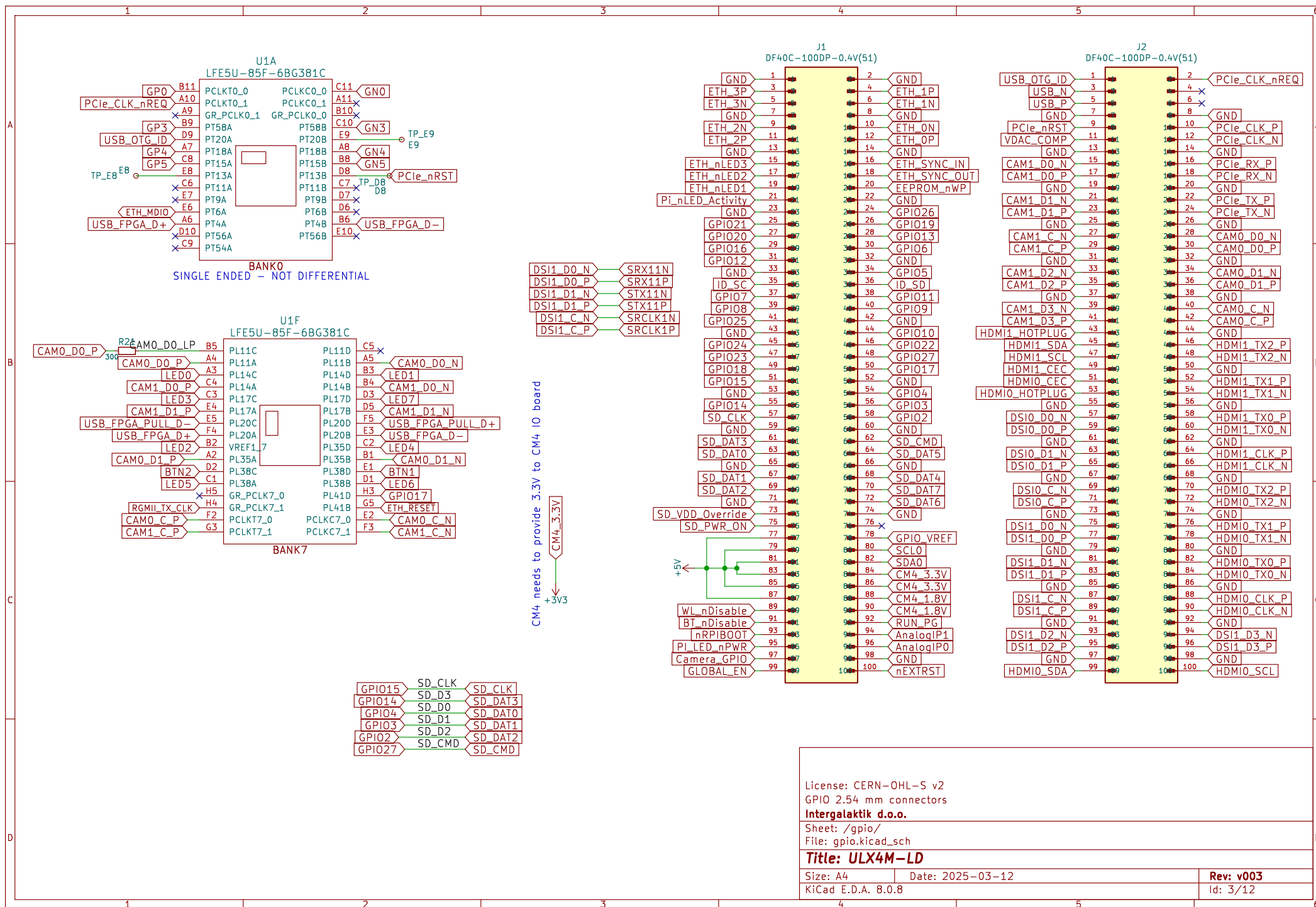
Date: 2025-03-12

KiCad E.D.A. 8.0.8

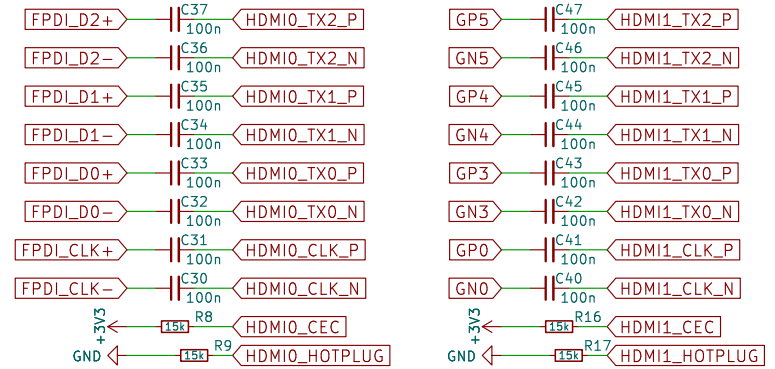
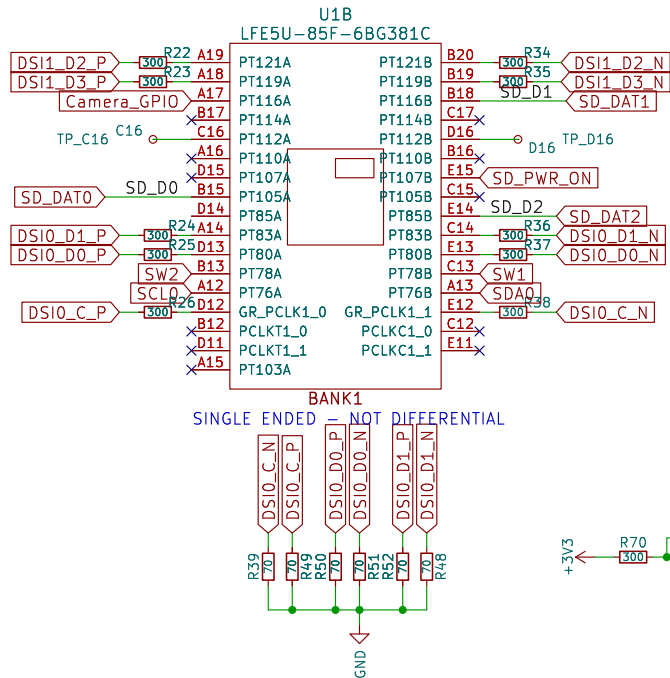
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General Purpose Differential Interface  
**Intergalaktik d.o.o.**

Sheet: /gpd/  
File: gpd.kicad\_sch

**Title: ULX4M-LD**

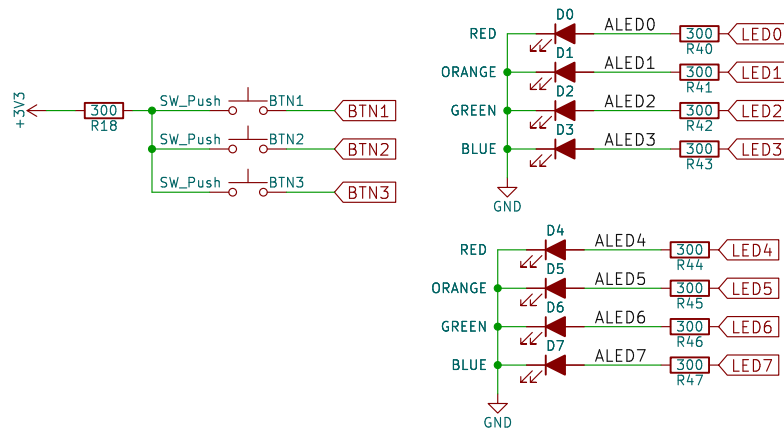
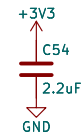
Size: A4 Date: 2025-03-12

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ST7789/SSD1331/SSD1351/SSD1306  
compatible LCD/OLED 0.96/1.3/1.54" PCB  
14x14 units  
1 unit = 2.54 mm



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Buttons, LEDs, OLED display  
**Intergalaktik d.o.o.**

Sheet: /blinky/  
File: blinky.kicad\_sch

**Title: ULX4M-LD**

Size: A4 Date: 2025-03-12  
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