

DBG_USB_5v

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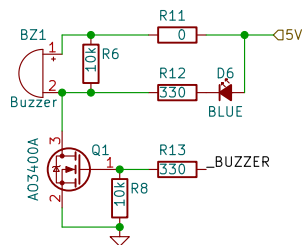
Sheet: /_DEBUG_USB_UART/
File: _debug_usb_uart.kicad_sch

Title: MagLock

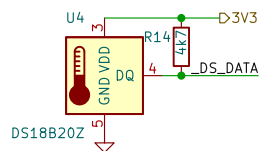
Size: A4 Date: 2022-11-01
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

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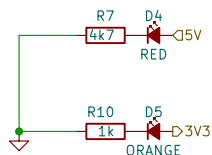
Buzzer



Thermometer



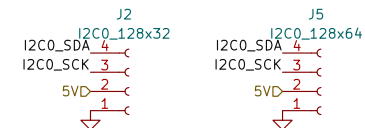
Power Indicators



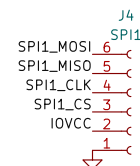
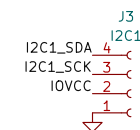
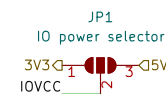
OPI connectors for BOM

- XJaA1 Conn_02x13_Female_2.54
- XJbA1 Conn_01x13_Female_2.54
- XJcA1 Conn_01x03_Female_2.54

Displays



GPIO Breakout



◇→3V3

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Sheet: /_MAIN_SOC/

File: _main_soc.kicad_sch

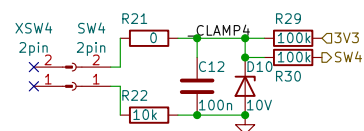
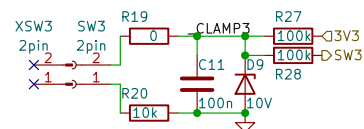
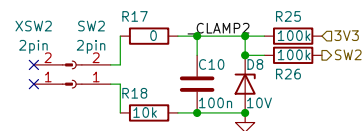
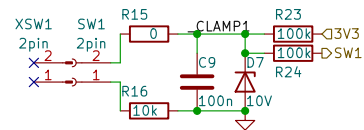
Title: MagLock

Size: A4 Date: 2022-11-01

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Sheet: /_INPUTS/
File: _inputs.kicad_sch

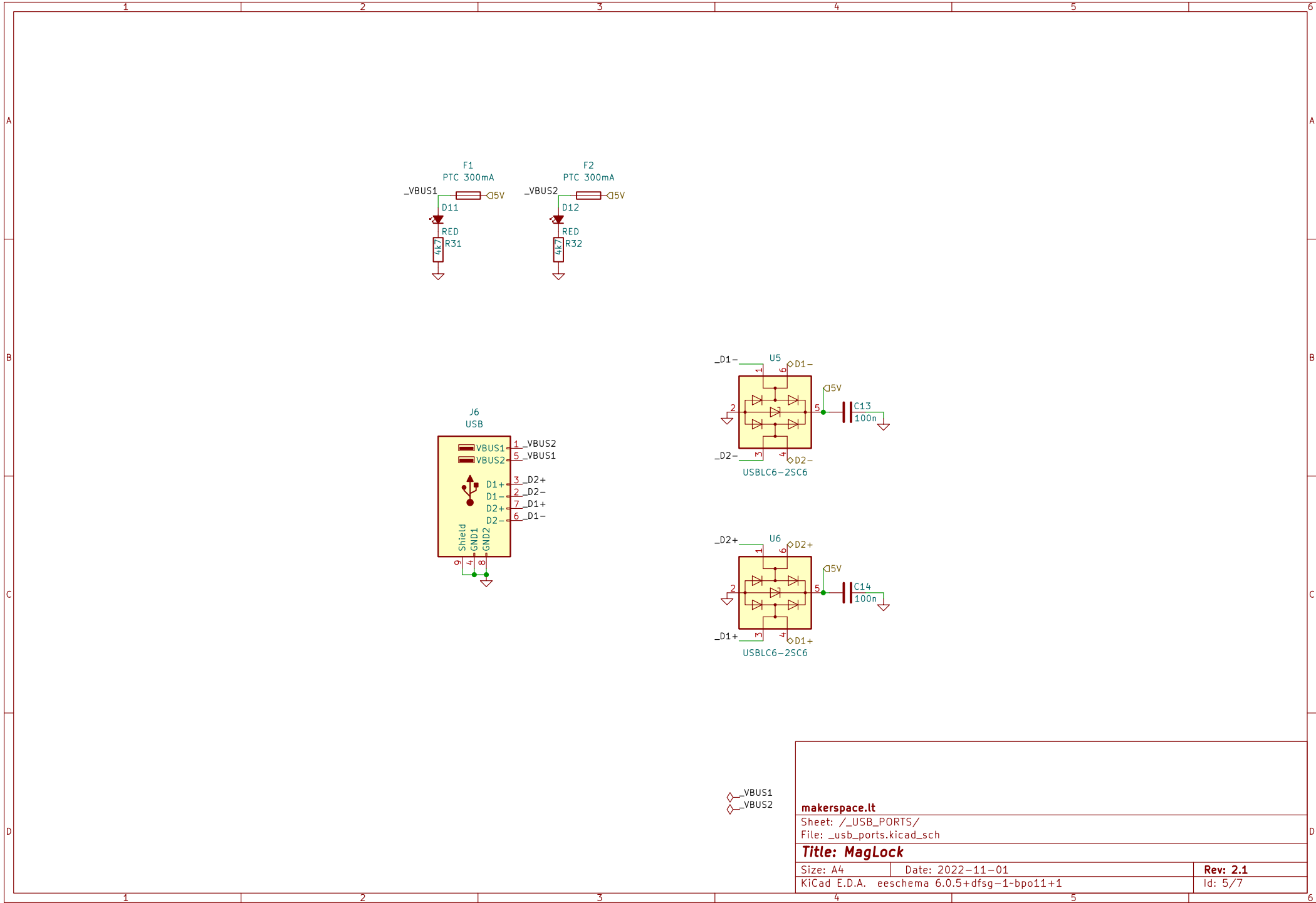
Title: MagLock

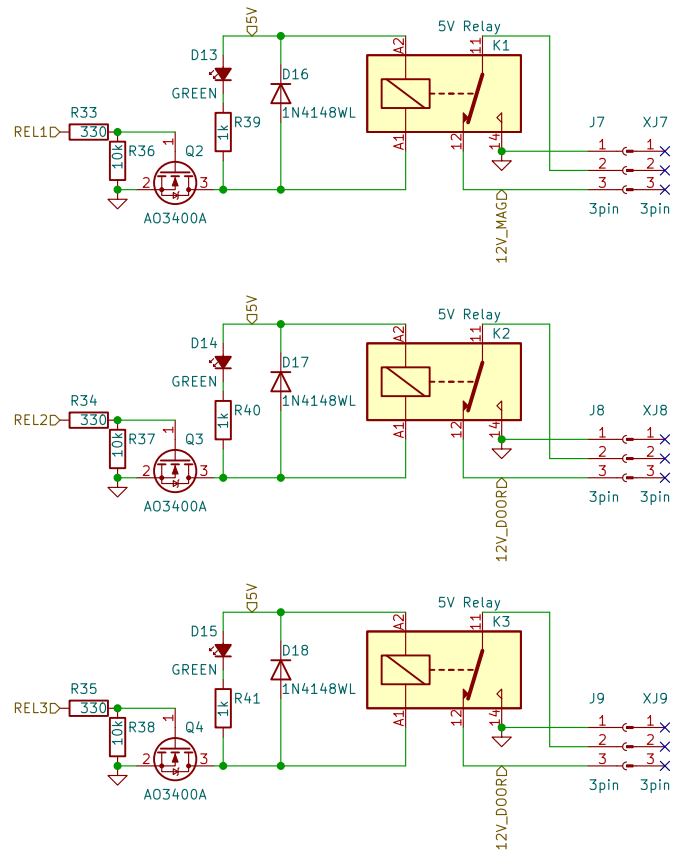
Size: A4	Date: 2022-11-01
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Size: 71	Date: 2022-11-01
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Sheet: /_RELAYS/
File: _relays.kicad_sch

Title: MagLock

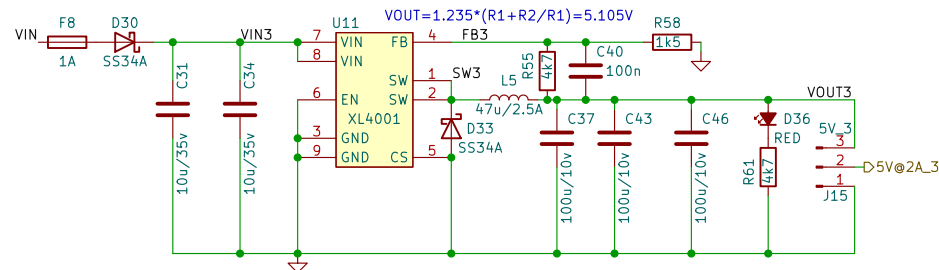
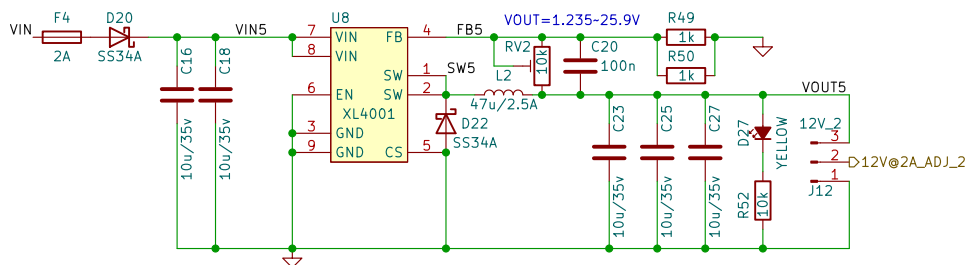
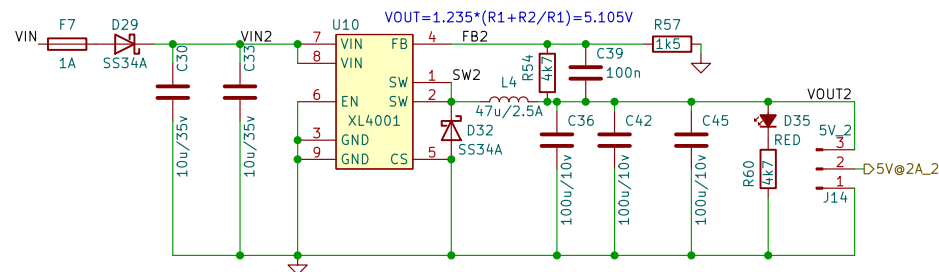
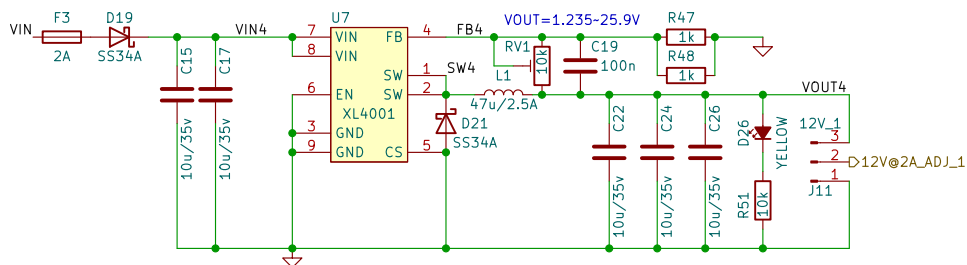
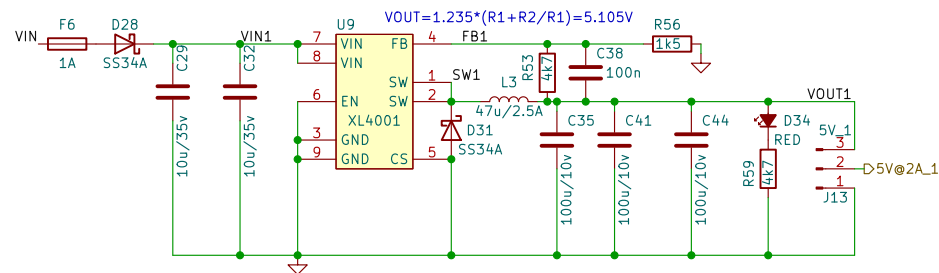
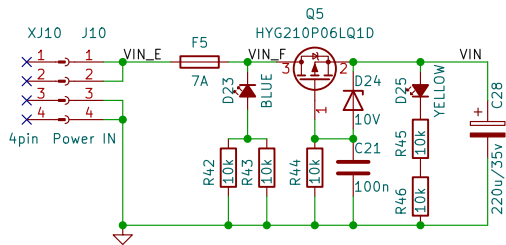
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Power Distribution

VIN=12-30V @ 6.5A - 60W

Magnet - 12V@1A ADJ - 12W
Door - 12V@2A ADJ - 24W
Orange - 5.1V@2A - 10W
USB - 5.1V@1A - 5W
In/Rel - 5.1V@1A - 5W



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Sheet: /_POWER/
File: _power.kicad_sch

Title: MagLock

Size: A4 Date: 2022-11-01

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