

Power supply



File: power.kicad_sch

Microcontroller



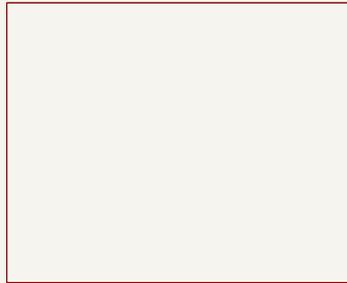
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I2C



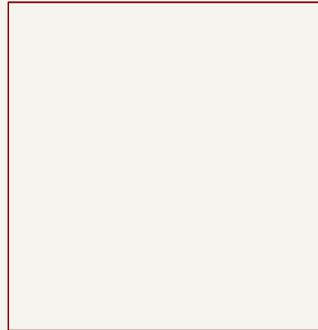
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Connections



File: connections.kicad_sch

Isolated Inputs Outputs



File: isolated.kicad_sch

Interface with the Masso/VFD and RS485

Sheet: /
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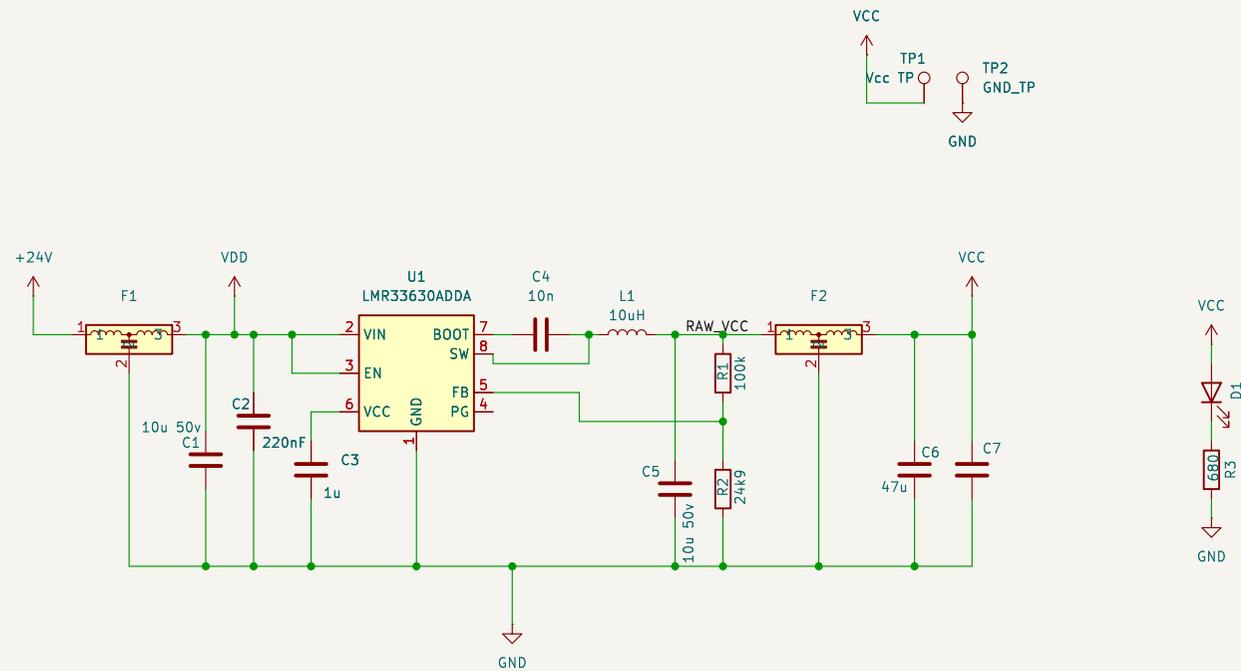
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Size: A4 Date: 2024-08-11

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Rev: A

Id: 1/6



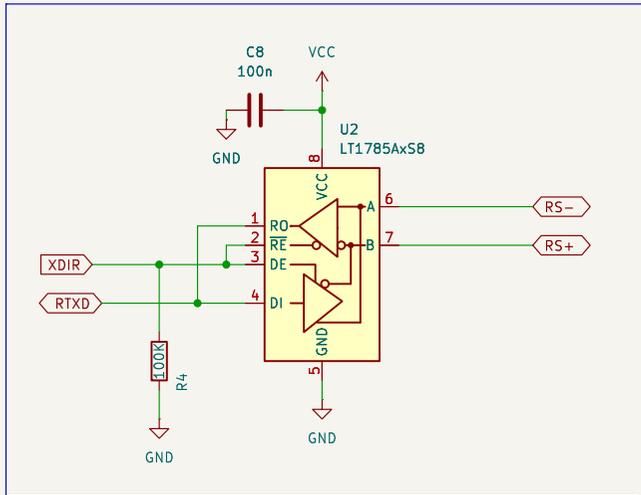
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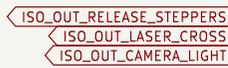
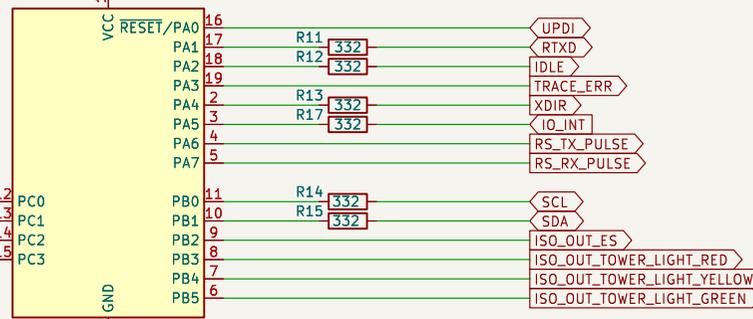
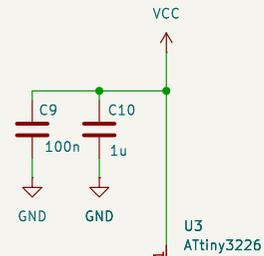
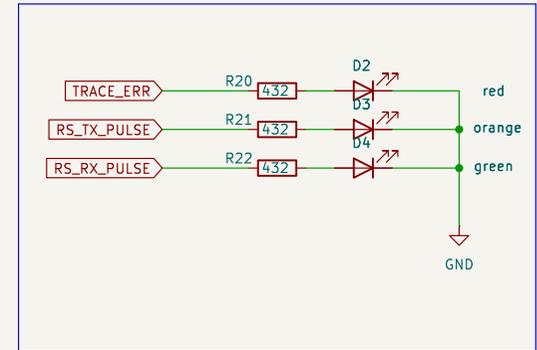
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 Id: 2/6

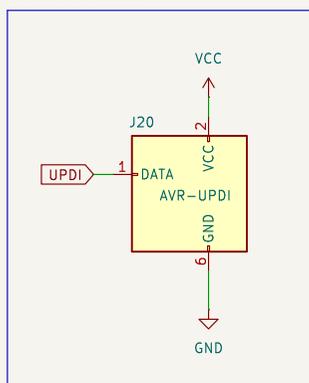
RS485



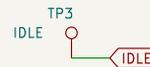
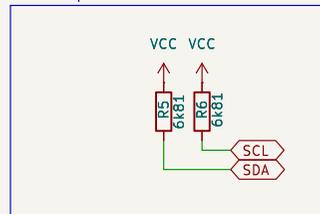
LEDs



OneWire Interface



i2c Pullups



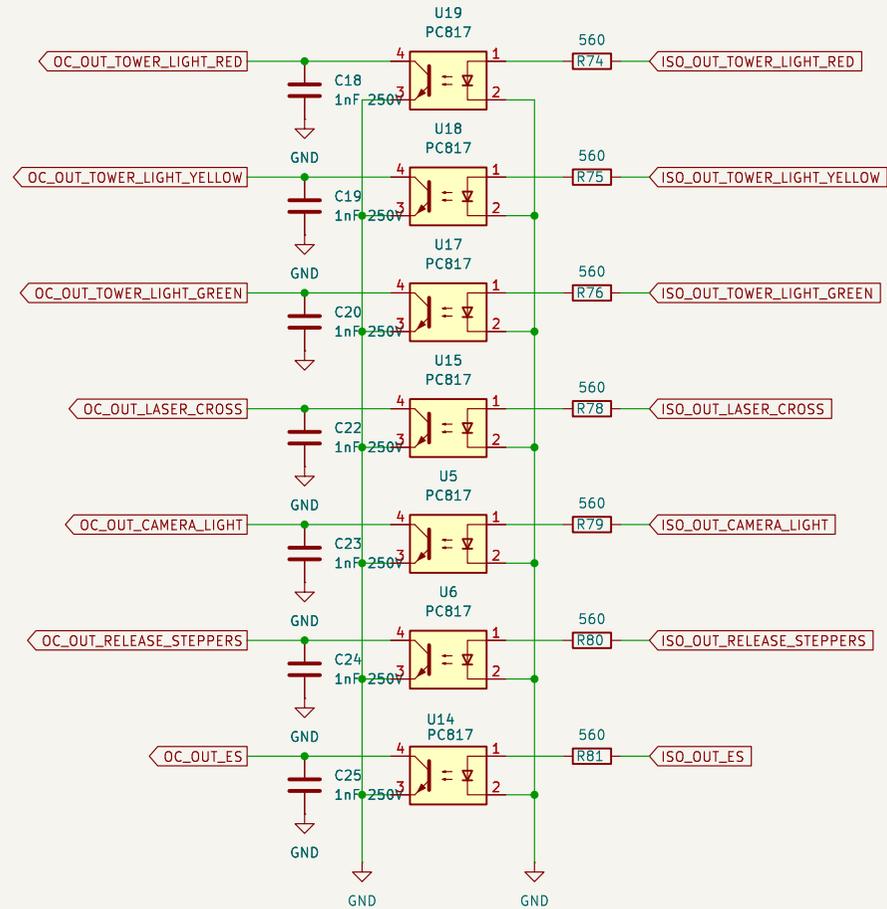
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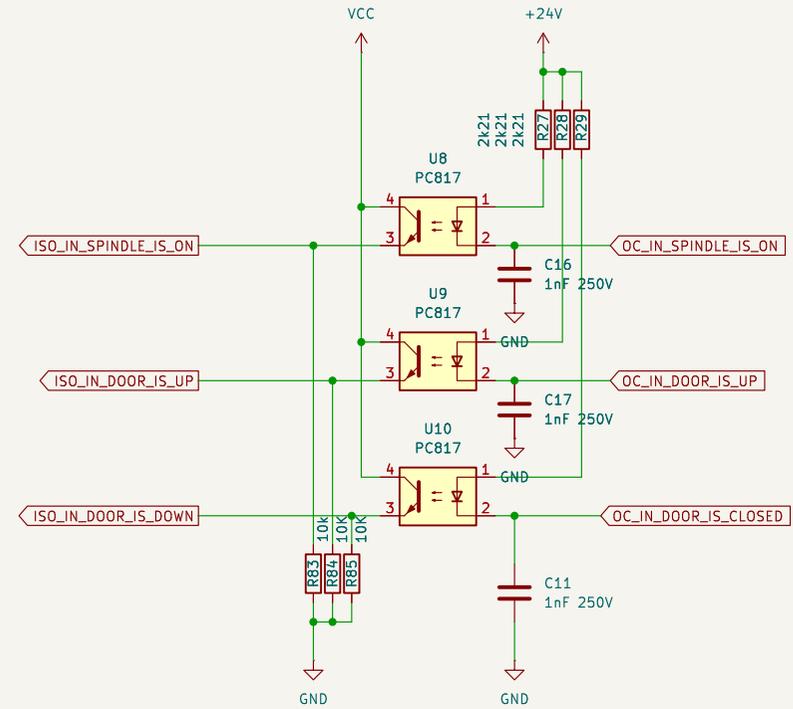
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Id: 3/6

Outputs / Control



Inputs / Aquisition



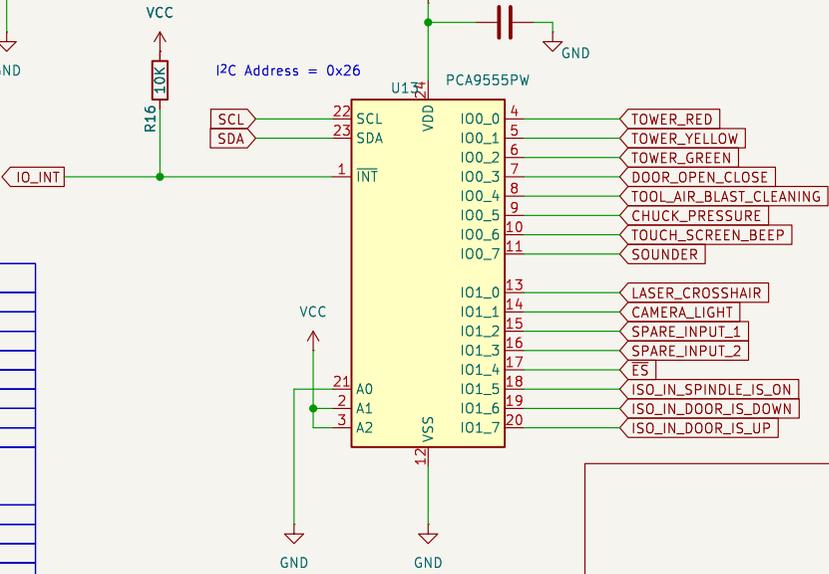
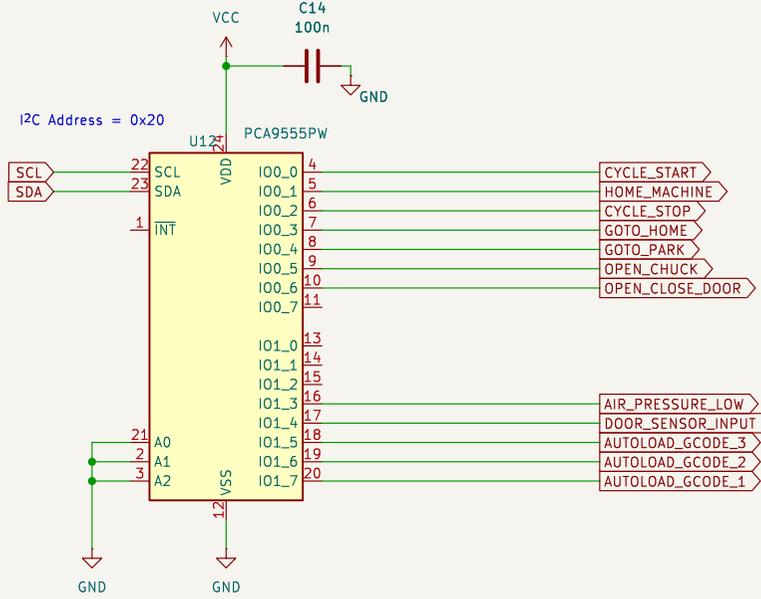
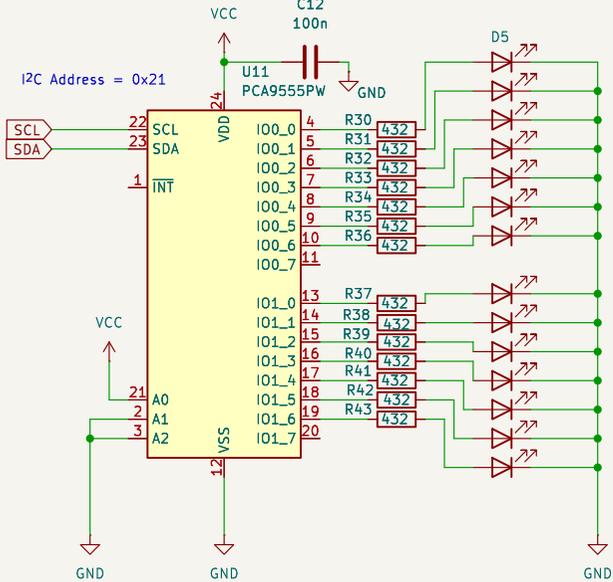
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Title:

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D#	Color	Function	
1	green	OC in door opened	
2	green	OC in door closed	
3	green	OC in spindle is on	
4	green	OC in spare	
5	yellow	OC out release steppers	
6	yellow	OC out spare 0	
8	green	Comm stat relay	on=ok blink=error
9	green	Comm stat Hub	off=down
10	green	Comm stat Console	
11	red	Low pressure	
12	orange	Air Blast	
13	orange	Spindle clean	
14	green	Door opening status	blink=opening
15	orange	Door closing status	on=error

Sheet: /I2C/
File: i2c.kicad_sch

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