Bill of Materials

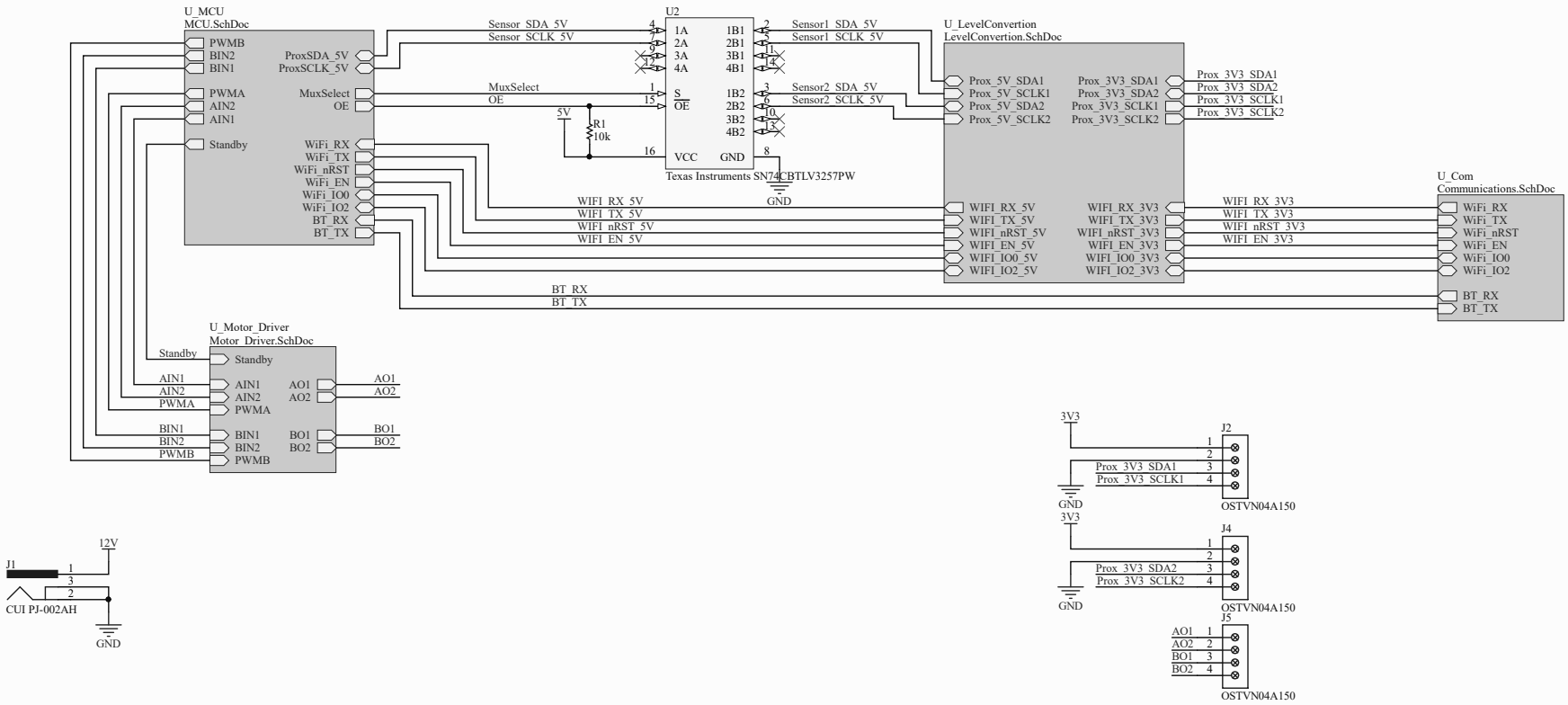
<Parameter Title not found>

Source Data From: Rullgardin.PrjPcb
Project: Rullgardin.PrjPcb
Variant: None

Creation Date: 08.02.2020 16.04.55
Print Date: 08-Feb-20 4:04:59 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
PCB-0e55m2lowdvgwfa8nbdo-1	0.1uF	CMP-9ca8572543d8436f-2	C1, C2	Cap Ceramic 0.001uF 100V Y5P 10% (5 X 4mm) Radial 5mm 85°C Bulk	2
PCB-0e55m2lowdvgwfa8nbdo-1	10uF	CMP-9ca8572543d8436f-2	C3	Cap Ceramic 0.001uF 100V Y5P 10% (5 X 4mm) Radial 5mm 85°C Bulk	1
PCB-0e55m2lowdvgwfa8nbdo-1	4.7uF	CMP-9ca8572543d8436f-2	C4, C5	Cap Ceramic 0.001uF 100V Y5P 10% (5 X 4mm) Radial 5mm 85°C Bulk	2
PCB-z73ilz2zi6klaqka9exw-1	RGB LED	CMP-73afba1d248aac68-11	D1	LED Tri-Color Blue/Green/Red 460nm/515nm/645nm 4-Pin T-1 3/4 Bag	1
PCB-0ty8amadexon1yj69y31-1	CUI PJ-002AH	CMP-0cf6c5f84932d331-8	J1	2 x 6.5 mm, 5.0 A, Horizontal, Through Hole, Dc Power Jack Connector	1
SCREW-TERMINAL-10POS-0.1	OSTVN04A150	CMP-4dbe8591ef2d9279-5	J2, J4, J5	Conn Terminal Block 4 POS 2.54mm Solder ST Thru-Hole 6A	3
PCB-zwzarwukgasku3amzi4v-1		CMP-e0a0285f90243f67-15	J3	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 4 pins	1
PCB-r8qoehg2tlf18v98zo8t-1	Würth Elektronik 61301221021	CMP-21bee941512bfe79-2	J6	Board-To-Board Connector, Right Angle, WR-PHD Series, Through Hole, Header, 12, 2.54 mm	1
PCB-dbhk9q13wds7exg38ggf-1	NEMOS-GSD-3	CMP-2868e1aa5c2af7af-8	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q12, Q13	Transistor NPN Mos BSS138 FAIRCHILD RoHS miliampere=220 V=50 SOt23	10
PCB-828082-1	FDN352AP	CMP-a09a6995a75c7f5d-1	Q9, Q10, Q11	FDN352AP Series 30 V 180 mOhm Single P-Channel PowerTrench Mosfet SSOT-3	3
PCB-h8byfae9iaxnn3vjg0ka-1	10k	CMP-3f5ef504e47fe099-1	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R21, R22, R23, R24	ERG Series 3 W 10 kOhm ±5% ±300 ppm/°C Axial Metal Oxide Film Resistor	21
PCB-h8byfae9iaxnn3vjg0ka-1	220R	CMP-3f5ef504e47fe099-1	R18, R19, R20	ERG Series 3 W 10 kOhm ±5% ±300 ppm/°C Axial Metal Oxide Film Resistor	3
PCB-fyppdawycyedc6r4zcju-1	Toshiba TB6612FNG,C,8,EL	CMP-19a5d1d8b246c662-10	U1	Brushed DC Motor Driver 2.7V to 5.5V 24-Pin SSOP Emboss T/R	1
PCB-50fvnlmj5rlotdvbdxi1-1	Texas Instruments SN74CBTLV3257PW	CMP-7b02b202ae27a4c5-1	U2	4-channel, 2: 1 analog switch with power-off protection 16-TSSOP -40 to 85	1
PCB-kcq4ssidua0wf3ce18dn-1	Arduino NANO	CMP-40a988ff651f9f6e-14	U3, U5	arduino nano	2
PCB-pr7ep0xgk71wl34p5oug-1	SparkFun WRL-13678	CMP-c24208b6f91d1d85-6	U4	Esp8266-01	1
					54

Approved	Notes	



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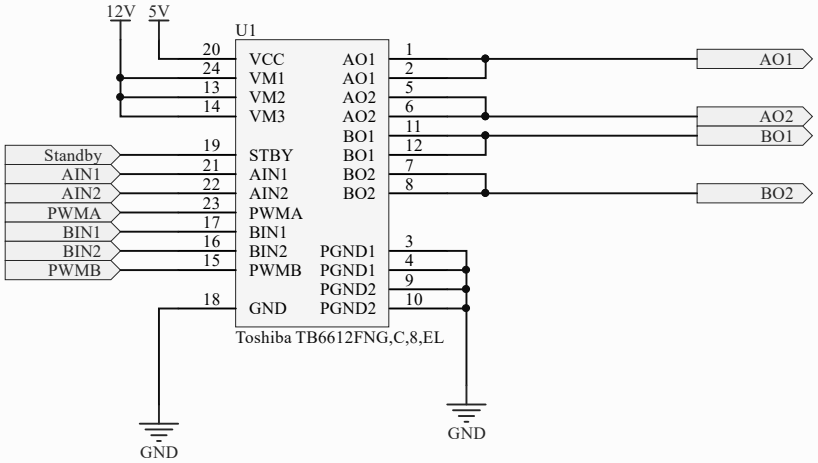

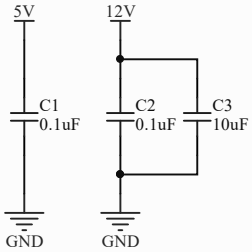

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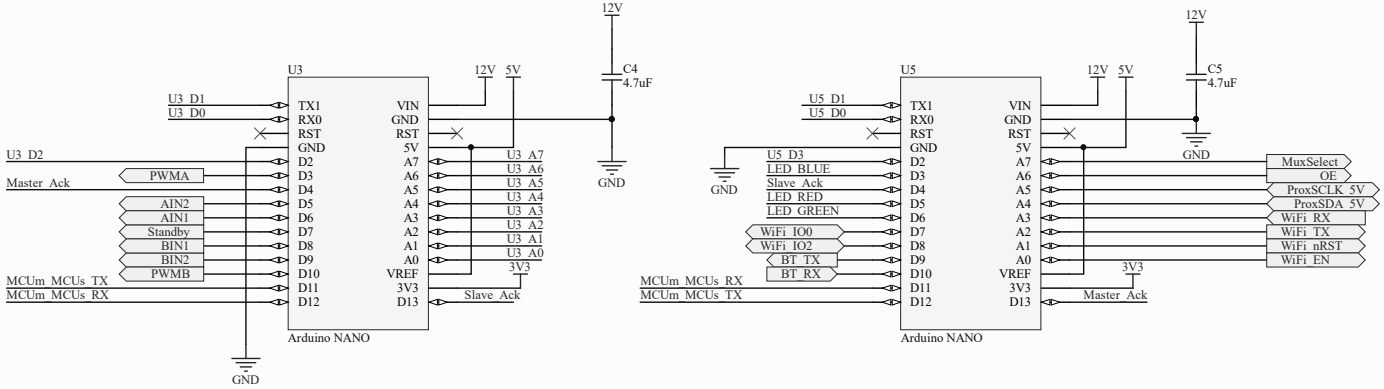

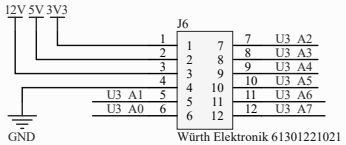

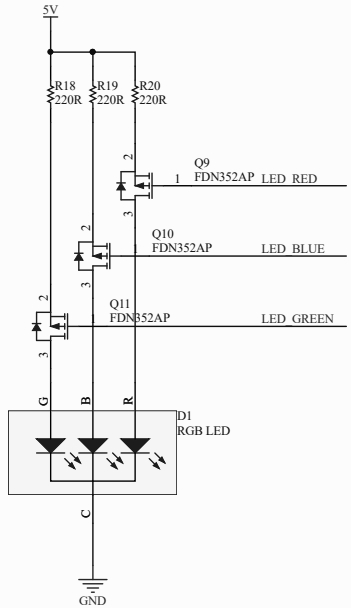

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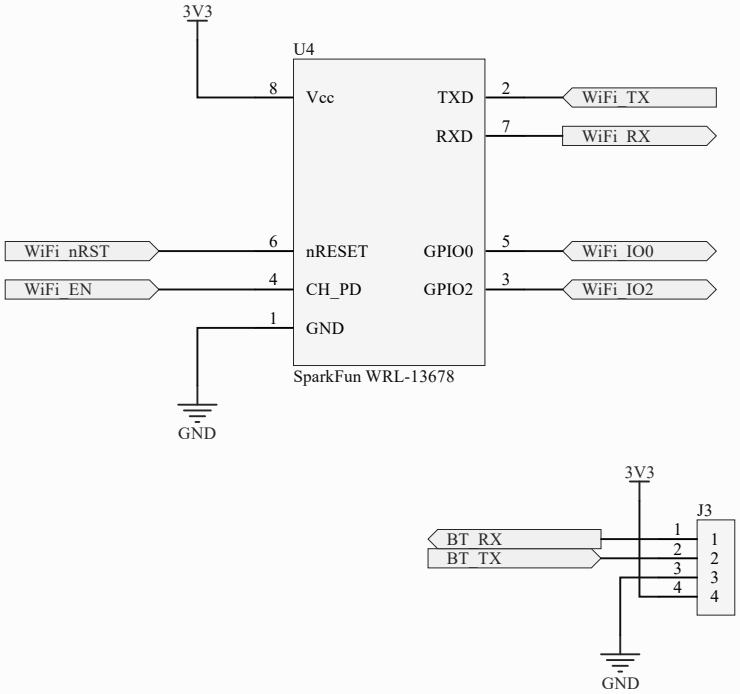

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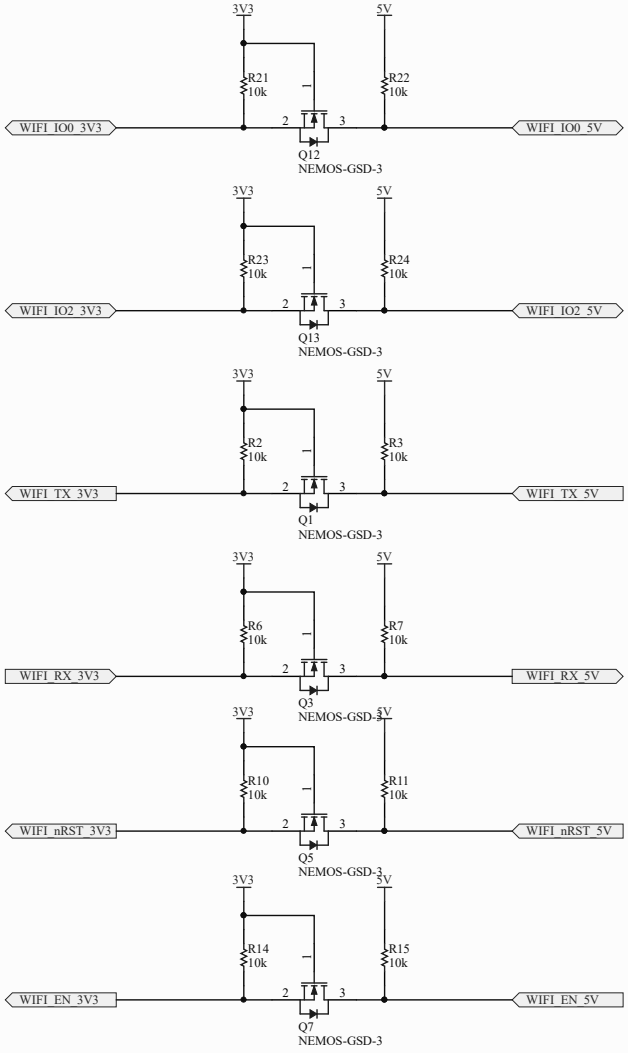

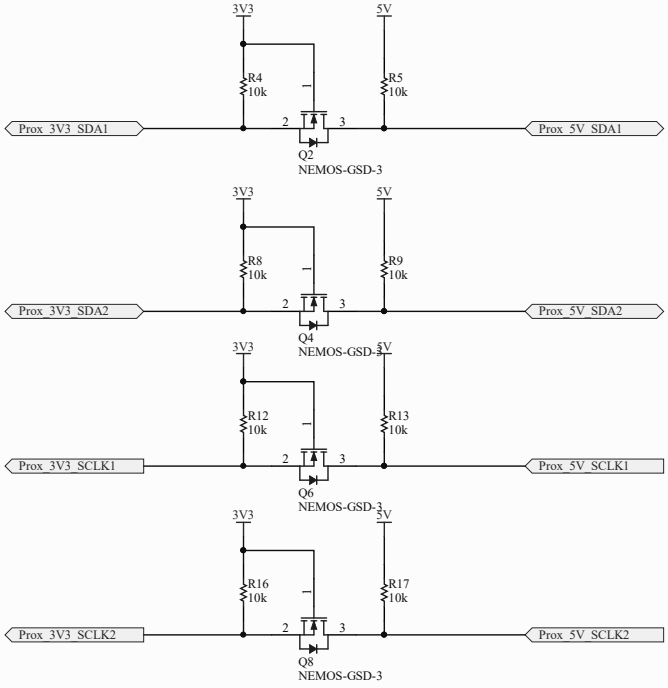

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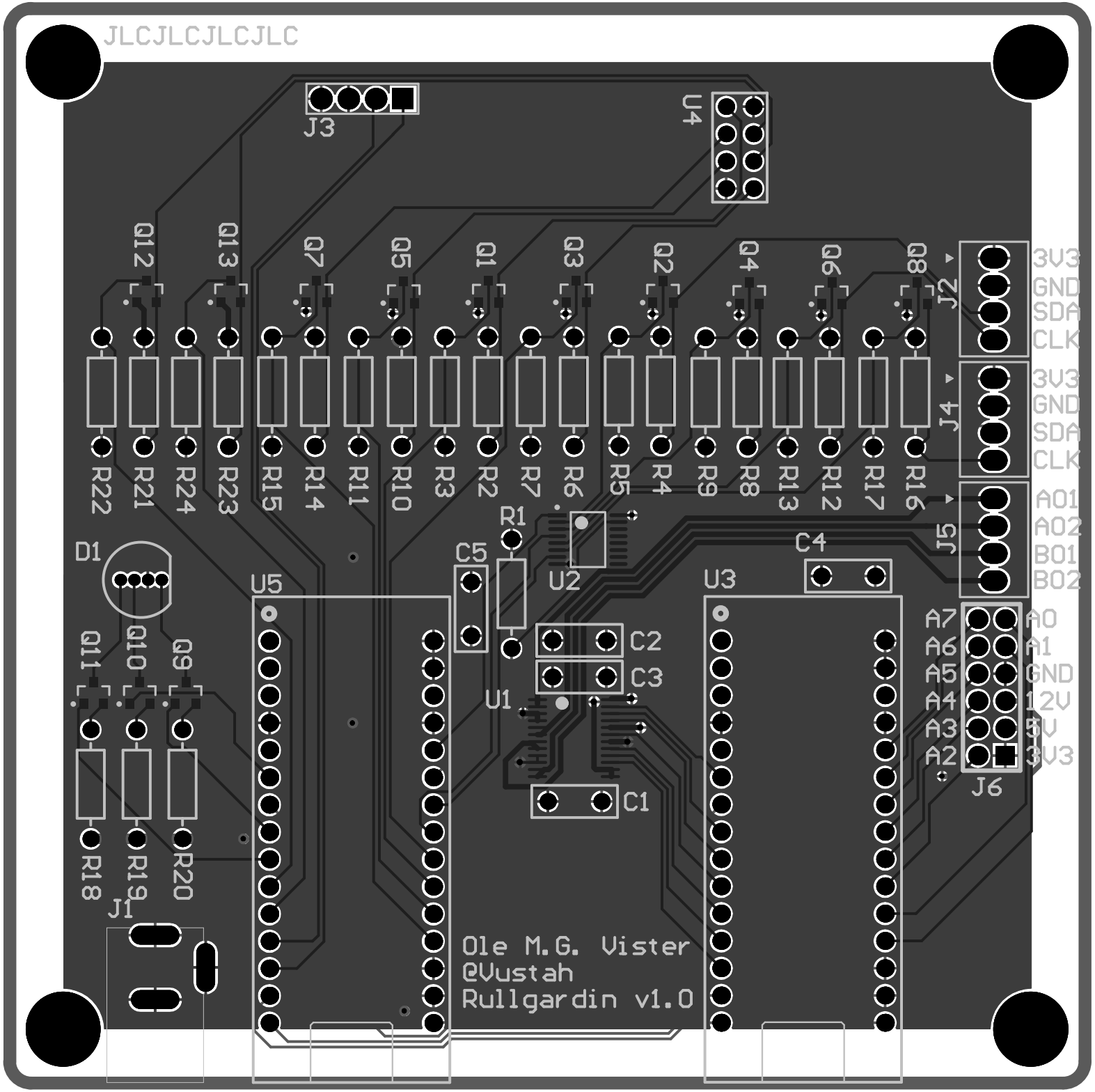
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CLK
J5
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AO2
BO1
BO2
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R21
R24
R23
R15
R14
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@Vustah
Rullgardin v1.0