

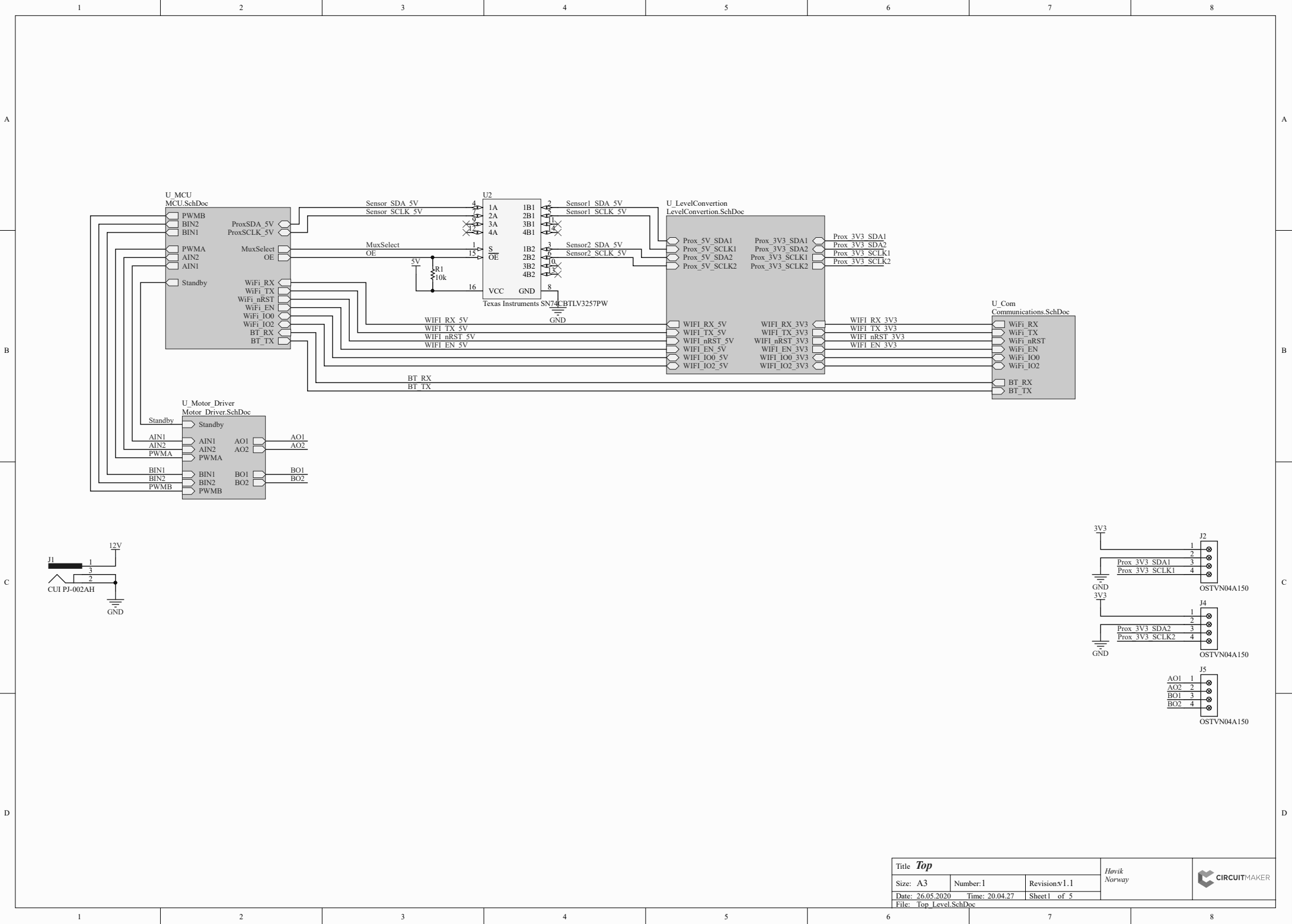
Bill of Materials

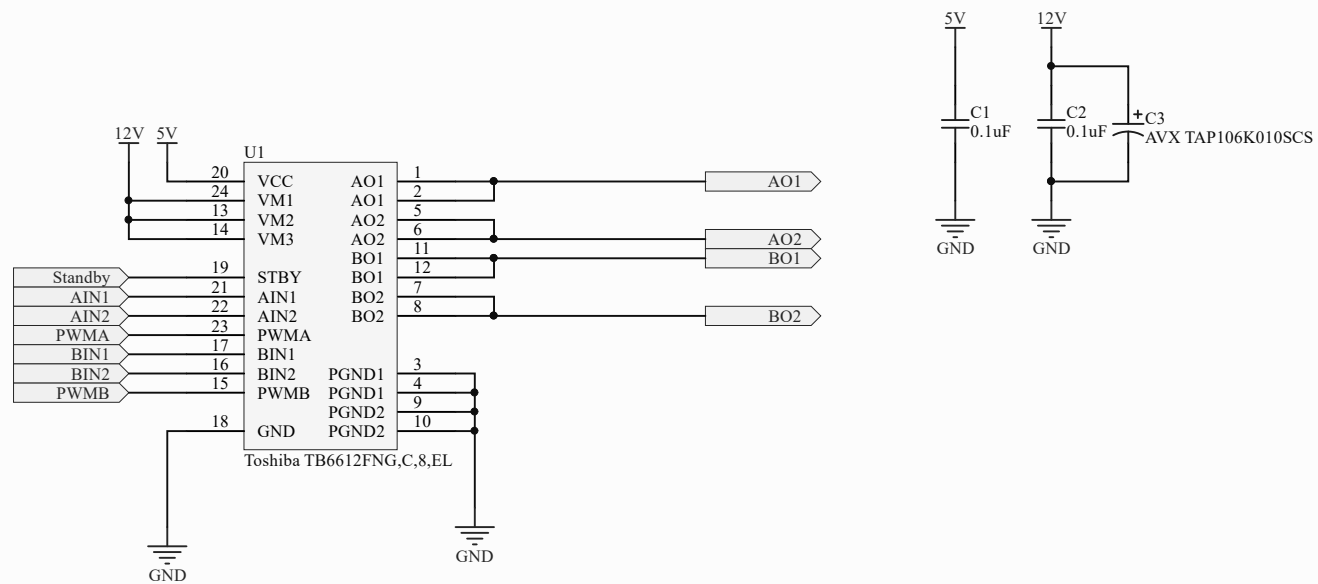
Top


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

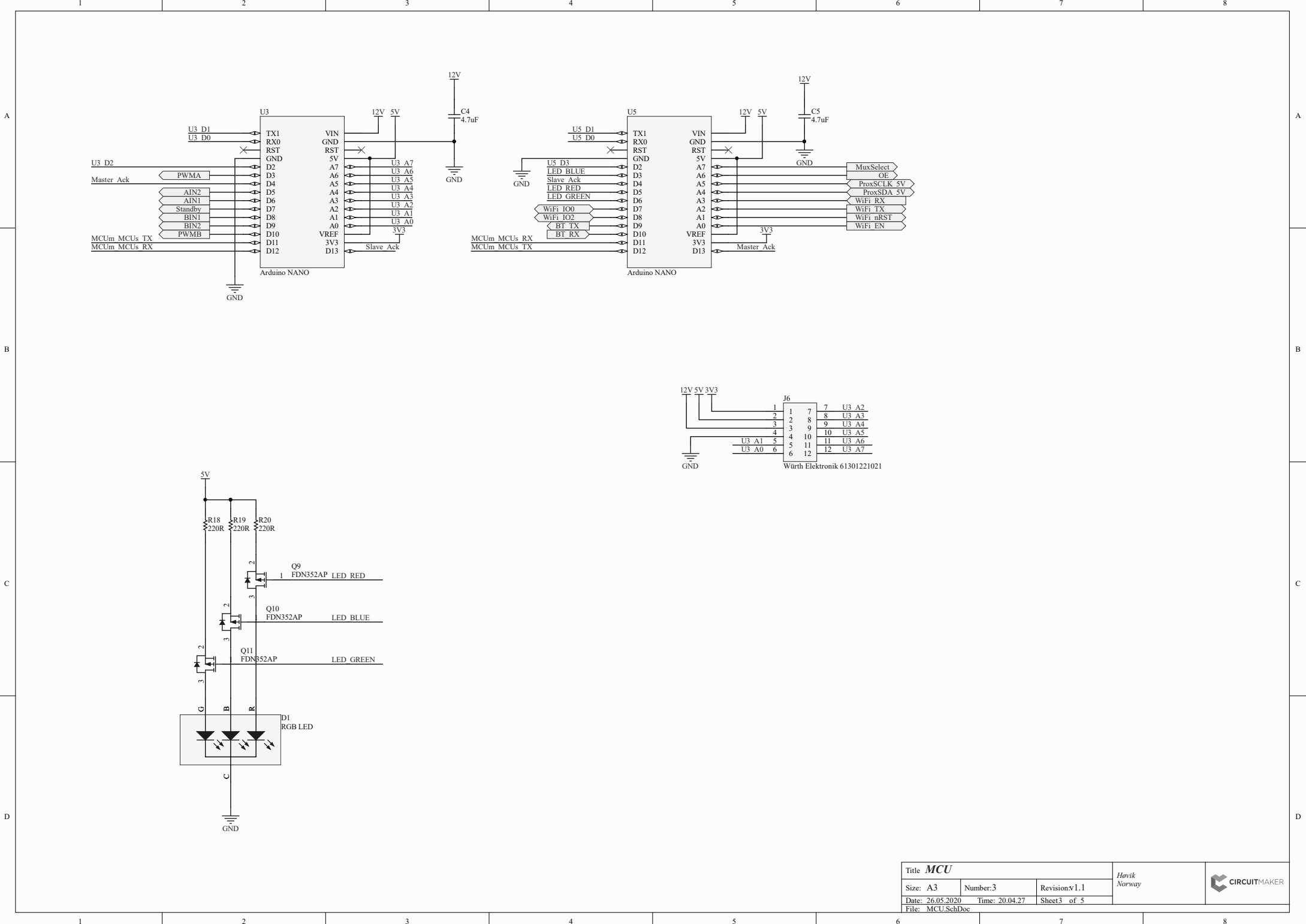
Creation Date:	26.05.2020	20.04.09
Print Date:	26-May-20	8:04:13 PM

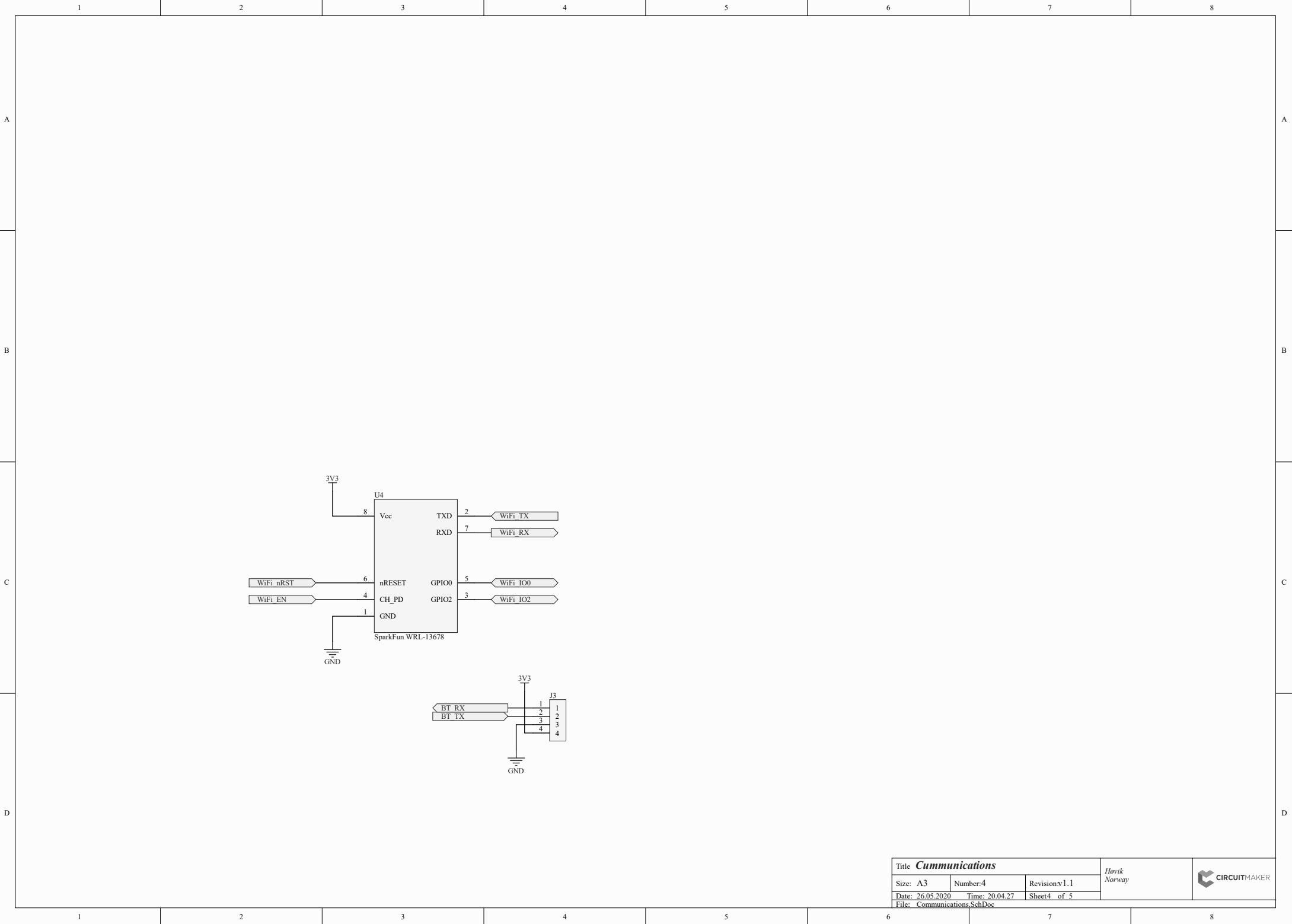
#Column Name	Comment	#Column Name E	Designator	Description	Quantity
	0.1uF		C1, C2	Cap Ceramic 0.001uF 100V Y5P 10% (5 X 4mm) Radial 5mm 85°C Bulk	2
	AVX TAP106K010SC S		C3	Capacitor; Tantalum; 10uF; Tap Series; Radial; Case C; 10%; 10V; 13VDC; 5 Ohms ESR; 0	1
	4.7uF		C4, C5	Cap Ceramic 0.001uF 100V Y5P 10% (5 X 4mm) Radial 5mm 85°C Bulk	2
	RGB LED		D1	LED Tri-Color Blue/Green/Red 460nm/515nm/645nm 4-Pin T-1 3/4 Bag	1
	CUI PJ-002AH		J1	2 x 6.5 mm, 5.0 A, Horizontal, Through Hole, Dc Power Jack Connector	1
	OSTVN04A150		J2, J4, J5	Conn Terminal Block 4 POS 2.54mm Solder ST Thru-Hole 6A	3
			J3	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 4 pins	1
	Würth Elektronik 61301221021 NEMOS-GSD-3		J6	Board-To-Board Connector, Right Angle, WR-PHD Series, Through Hole, Header, 12, 2.54 mm	1
			Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q12, Q13	Transistor NPN Mos BSS138 FAIRCHILD RoHS miliampere=220 V=50 Sot23	10
	FDN352AP		Q9, Q10, Q11	FDN352AP Series 30 V 180 mOhm Single P-Channel PowerTrench Mosfet SSOT-3	3
	10k		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
	220R		R18, R19, R20	ERG Series 3 W 10 kOhm ±5% ±300 ppm/°C Axial Metal Oxide Film Resistor	3
	Toshiba TB6612FNG,C,8 ,EL		U1	Brushed DC Motor Driver 2.7V to 5.5V 24-Pin SSOP Emboss T/R	1
	Texas Instruments SN74CBTLV325 7PW		U2	4-channel, 2: 1 analog switch with power-off protection 16-TSSOP -40 to 85	1
	Arduino NANO		U3, U5	arduino nano	2
	SparkFun WRL-13678		U4	Esp8266-01	1
					54
Approved		Notes			





Title <i>Motor Driver</i>			<i>Høvik Norway</i>	
Size: A4	Number:2	Revision:v1.1		
Date: 26.05.2020	Time: 20.04.27	Sheet2 of 5		
File: Motor Driver.SchDoc				





A

B

C

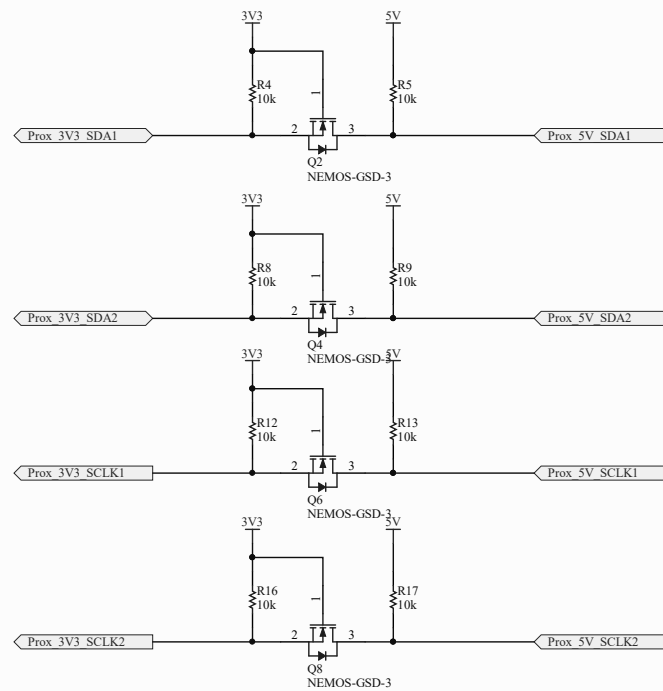
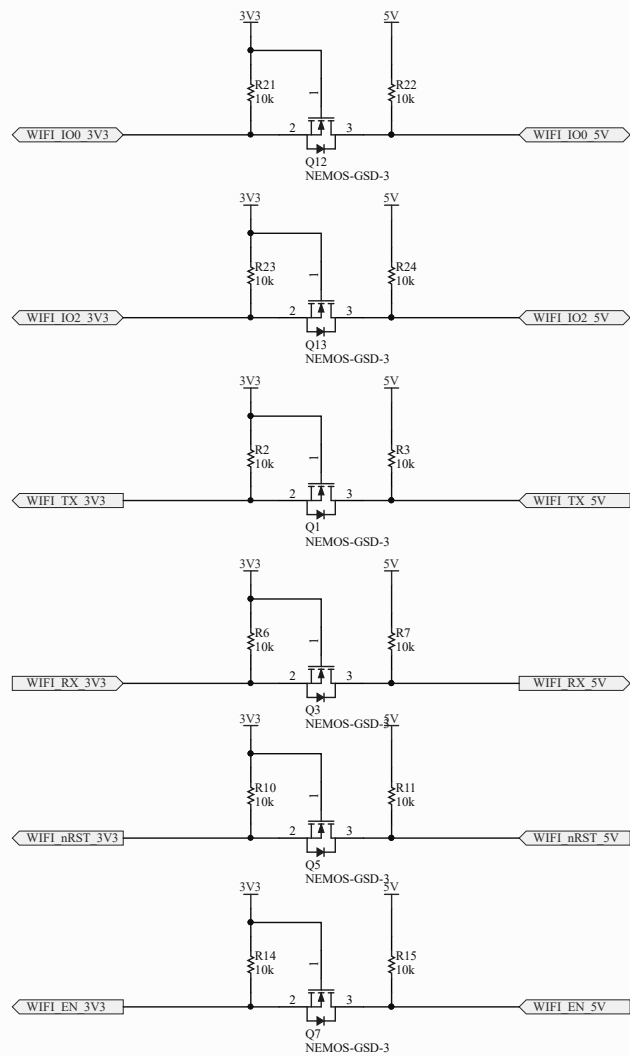
D

A

B

C

D



JLCJLCJLCJLC

