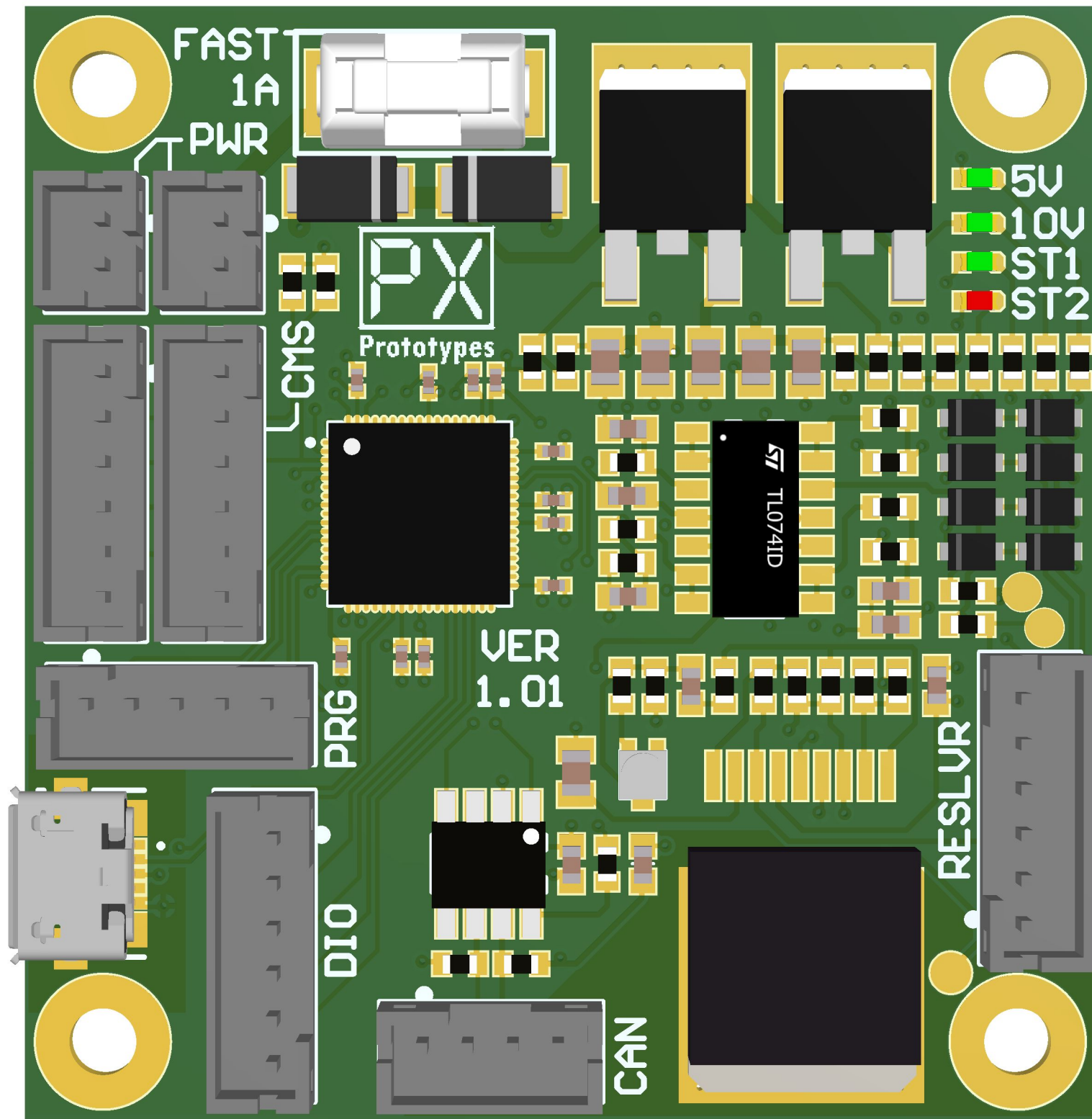
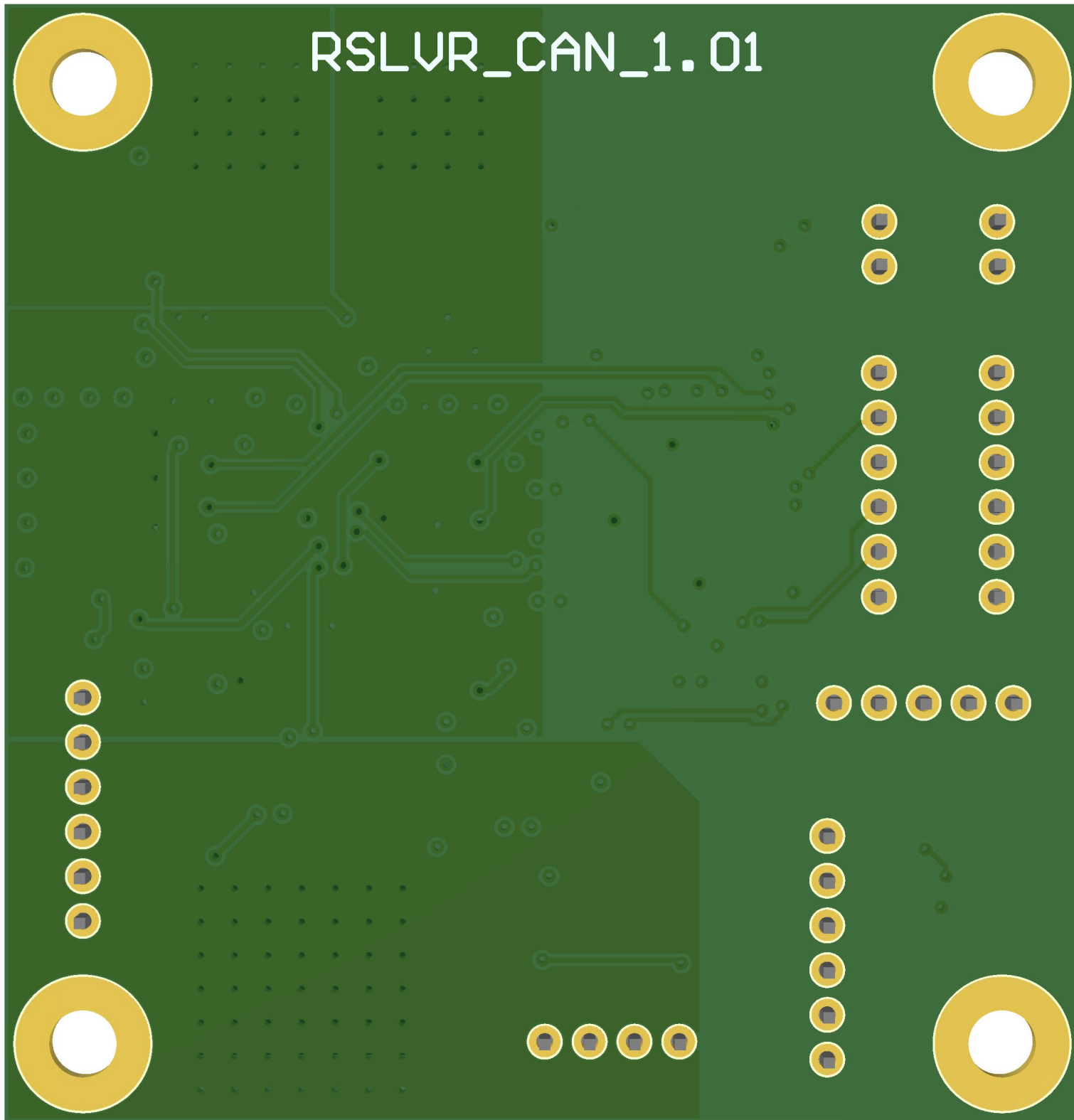
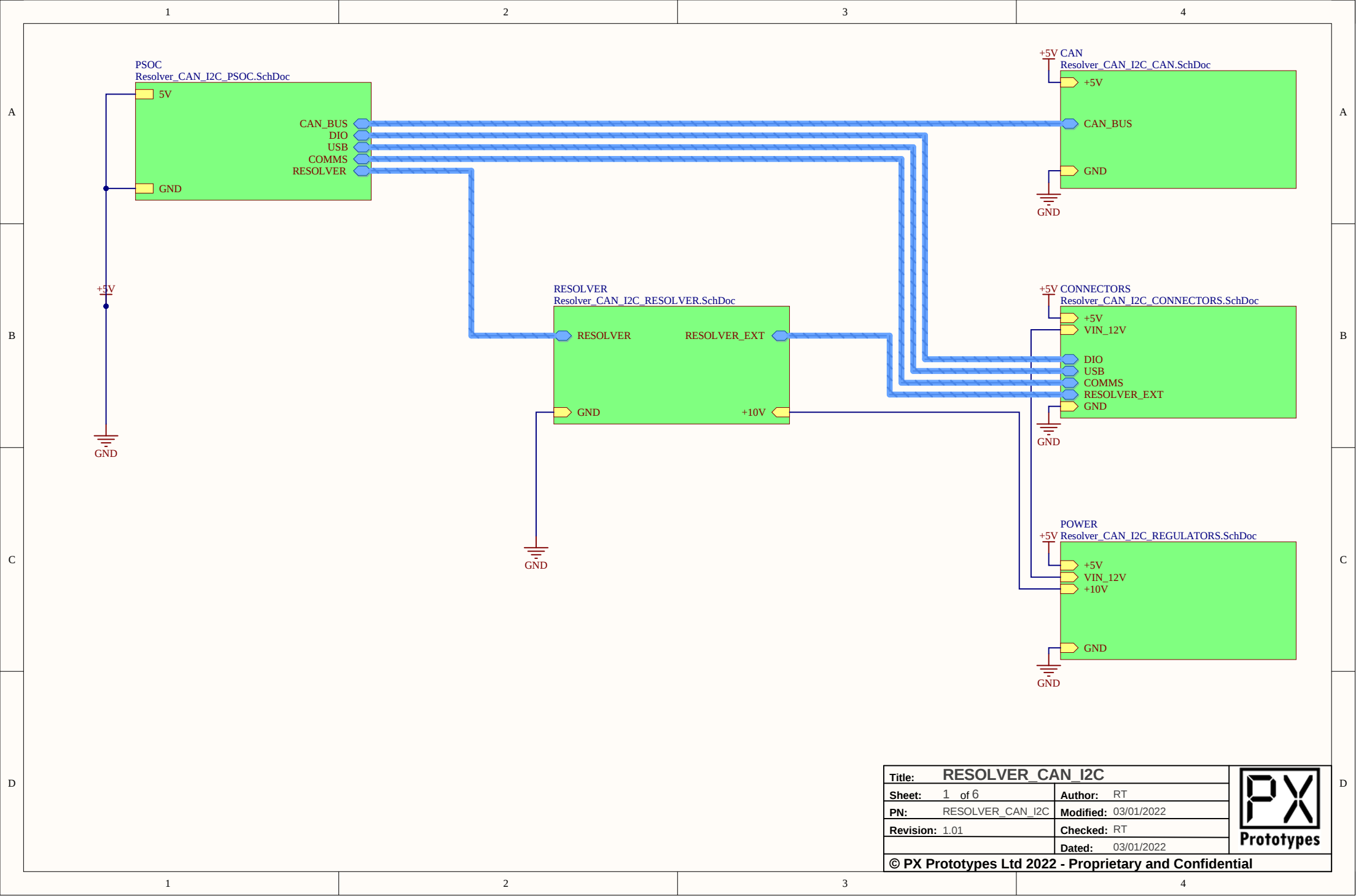


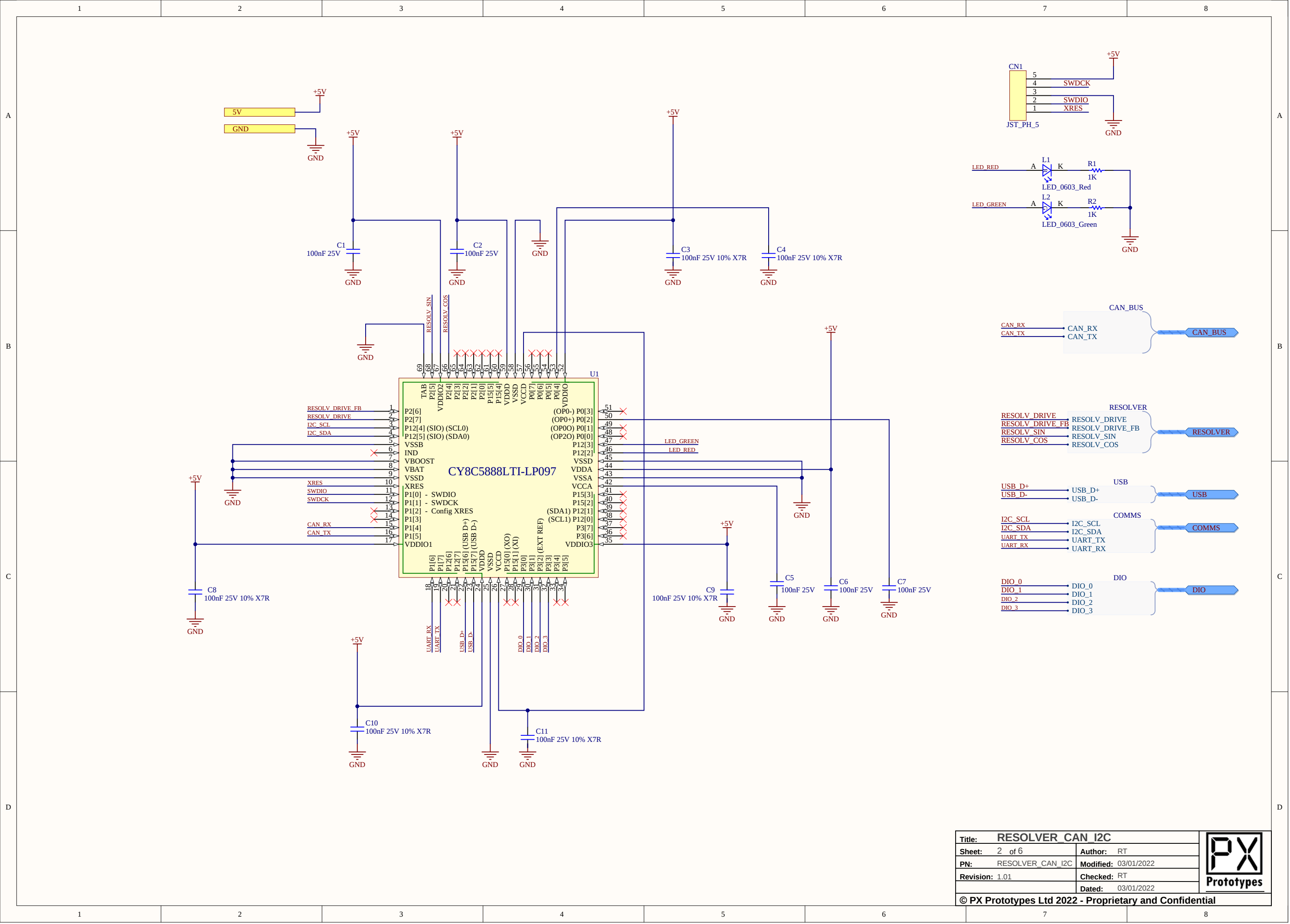


RSLVR_CAN_1.01





Title: RESOLVER_CAN_I2C			 Prototypes
Sheet: 1 of 6	Author: RT		
PN: RESOLVER_CAN_I2C	Modified: 03/01/2022		
Revision: 1.01	Checked: RT		
	Dated: 03/01/2022		
© PX Prototypes Ltd 2022 - Proprietary and Confidential			



Title: RESOLVER_CAN_I2C			
Sheet: 2 of 6	Author: RT		
PN: RESOLVER_CAN_I2C	Modified: 03/01/2022		
Revision: 1.01	Checked: RT		
	Dated: 03/01/2022		
© PX Prototypes Ltd 2022 - Proprietary and Confidential			

A

B

C

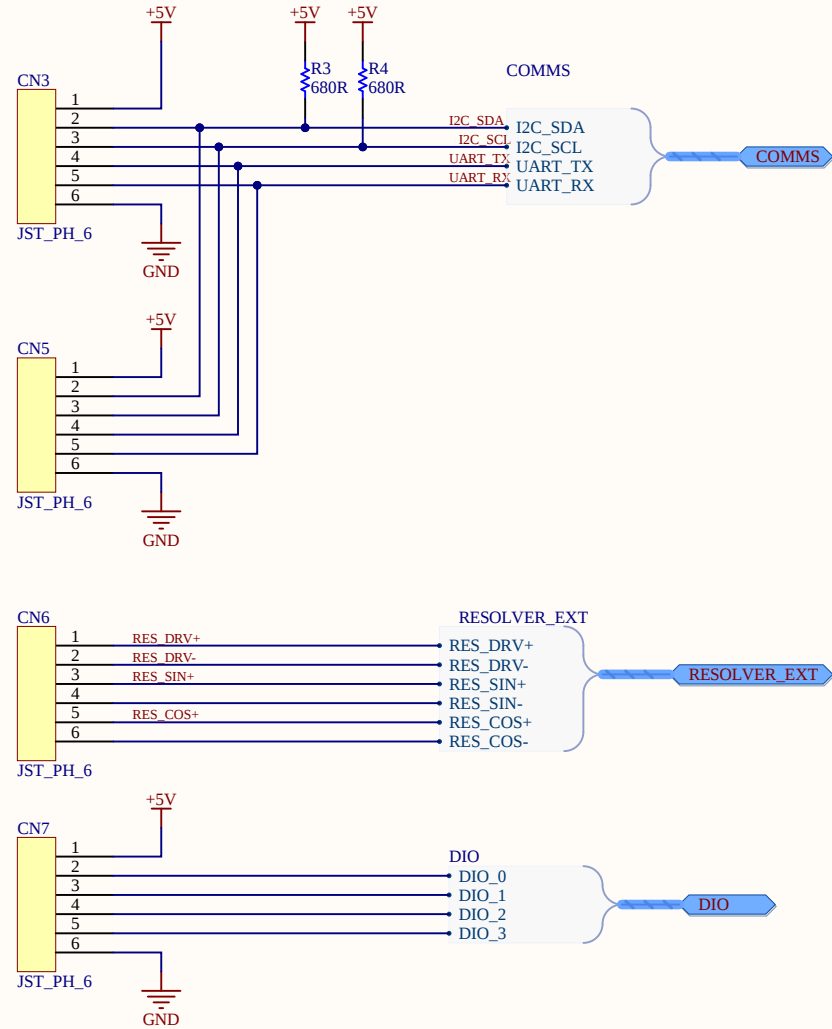
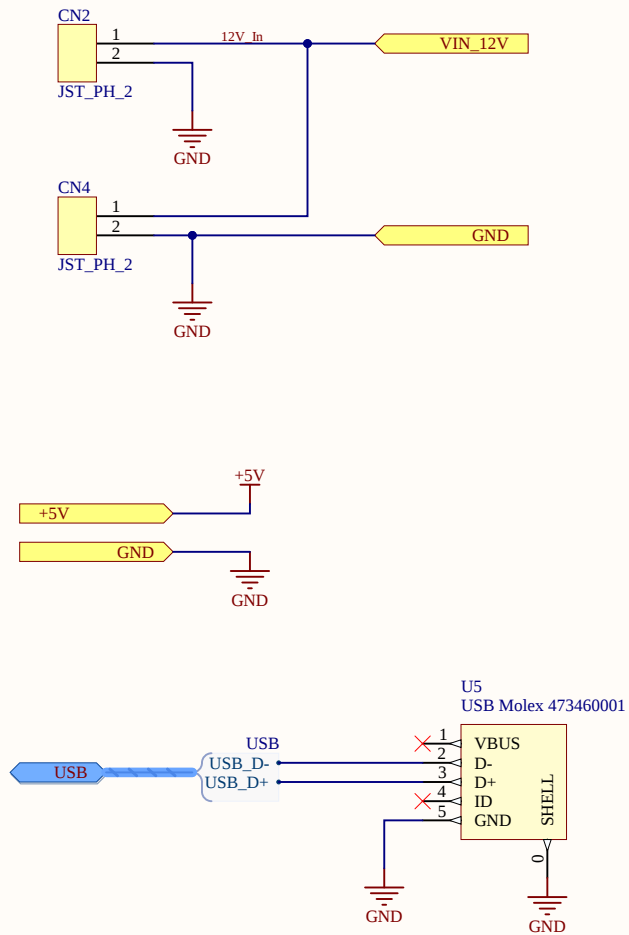
D

A

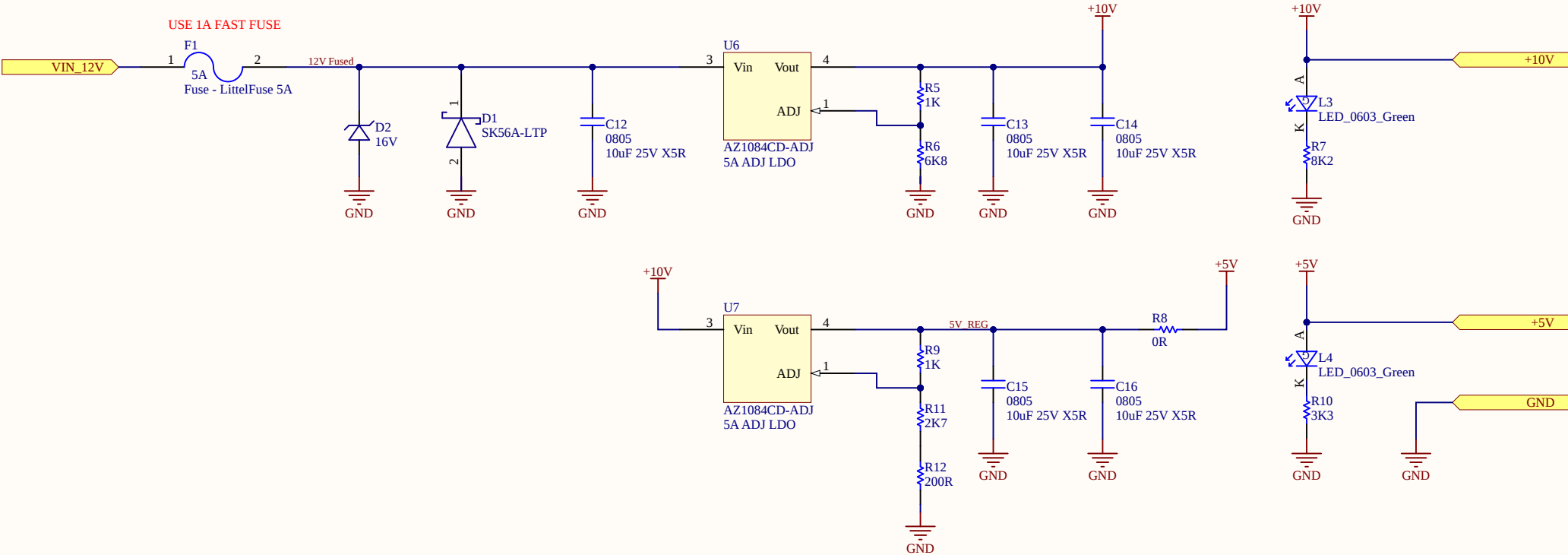
B

C

D

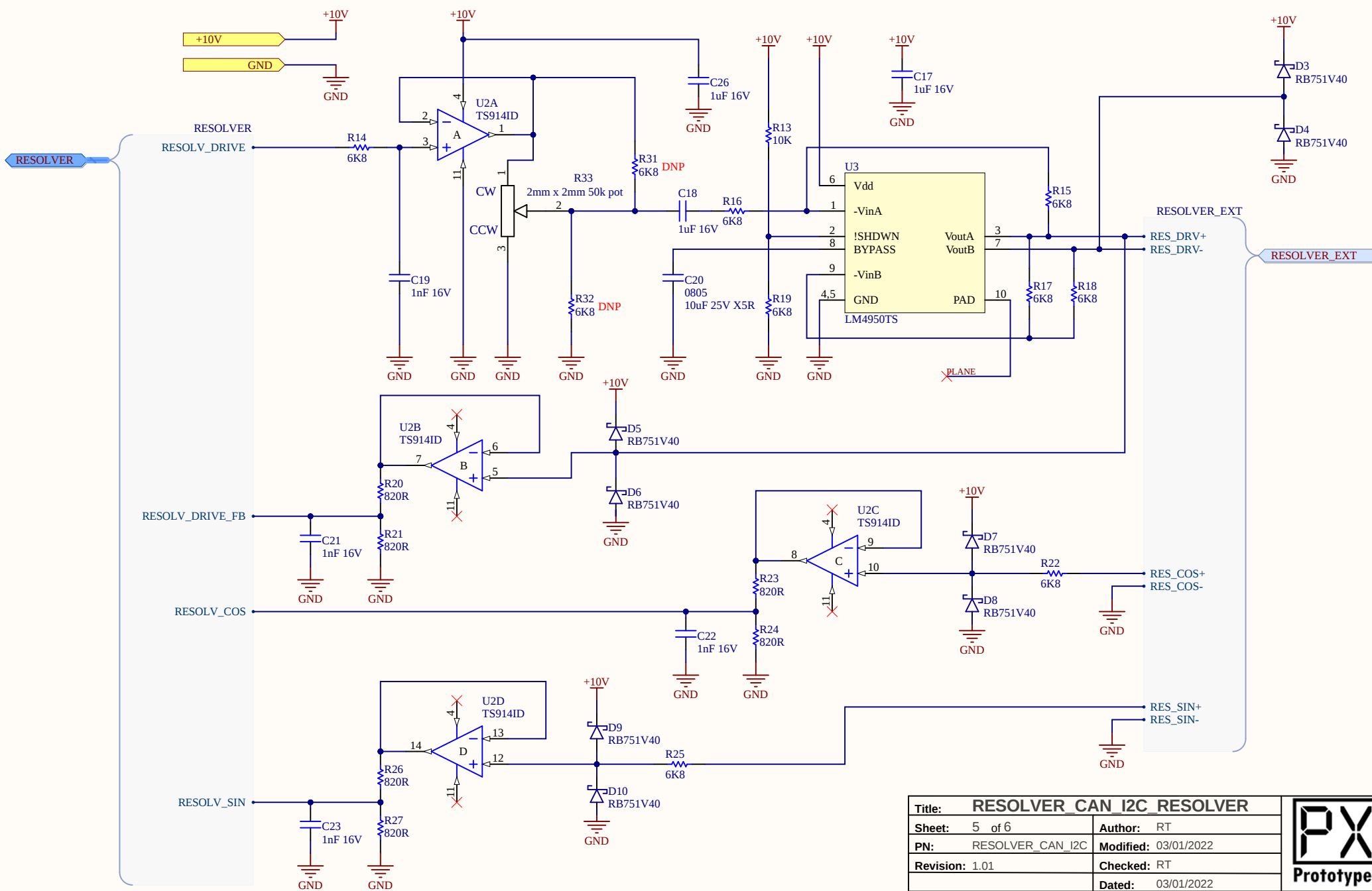


Title: RESOLVER_CAN_I2C		
Sheet: 3 of 6	Author: RT	
PN: RESOLVER_CAN_I2C	Modified: 03/01/2022	
Revision: 1.01	Checked: RT	
	Dated: 03/01/2022	
© PX Prototypes Ltd 2022 - Proprietary and Confidential		



Title: RESOLVER_CAN_I2C_REGULATORS	
Sheet: 4 of 6	Author: RT
PN: RESOLVER_CAN_I2C	Modified: 03/01/2022
Revision: 1.01	Checked: RT
	Dated: 03/01/2022





Title: RESOLVER_CAN_I2C_RESOLVER		
Sheet: 5 of 6	Author: RT	
PN: RESOLVER_CAN_I2C	Modified: 03/01/2022	
Revision: 1.01	Checked: RT	
	Dated: 03/01/2022	
© PX Prototypes Ltd 2022 - Proprietary and Confidential		

Description	Designator	Quantity	Price	Supplier	Value	Manufacturer	Package	Manufacturer PN	Supplier PN
SM Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	11		Farnell	100nF		0402		1867948
Capacitor	C12, C13, C14, C15, C16, C20	6			10uF 25V X5R		0805	CL21A106KAFN3N	
Capacitor	C17, C18, C25, C26	4			1uF 16V		0603		
Capacitor	C19, C21, C22, C23	4			1nF 16V		0603		
Capacitor	C24	1			100nF 16V X5R		0603		
2mm Pitch JST	CN1	1			JST_PH_5		TH		
2mm Pitch JST	CN2, CN4	2			JST_PH_2		TH		
2mm Pitch JST	CN3, CN5, CN6, CN7	4			JST_PH_6		TH		
JST_PH_4	CN8	1			JST_PH_4	JST	TH	JST_PH_4	
Schottky 5A 60V	D1	1	0.28			MCCSemi		SK56A-LTP	
3W Zenner	D2	1			16V	MCCSemi		3SMAJ5930B	
Schottky 40V SOD-323	D3, D4, D5, D6, D7, D8, D9, D10	8		Farnell		Nexperia			2844901
5A Fuse in SMD Socket	F1	1	1.85	Farnell	1A Fuse + Holder	Littelfuse			9943668
Red LED	L1	1	0.102	Farnell	LED Red	Osram	0603		1226389
Green LED	L2, L3, L4	3	0.061	Farnell	LED Green	Osram	0603		1226372
Resistor	R1, R2, R5, R9	4			1K		0603		
Resistor	R3, R4	2			680R		0603		
Resistor	R6, R14, R15, R16, R17, R18, R19, R22, R25	9			6K8		0603		
Resistor	R7	1			8K2		0603		
Resistor	R8	1			0R		0603		
Resistor	R10	1			3K3		0603		
Resistor	R11	1			2K7		0603		
Resistor	R12	1			200R		0603		
Resistor	R13	1			10K		0603		
Resistor	R20, R21, R23, R24, R26, R27	6			820R		0603		
Resistor	R28, R29	2			60R 0603		0603		
Resistor	R30	1			4K7 0603		0603		
2mm 50k Potentiometer	R33	1	0.135	Farnell	50k	Murata		PVZ2A473C04B00	1771727
CY8C5888LTI-LP097 QFN68	U1	1	13.20	Farnell		Cypress Semiconductor	QFN-68	CY8C5888LTI-LP097	2630759
Low-Noise J-FET Quad Operational Amplifier	U2	1	1.59	Farnell		ST Microelectronics		TS914ID	
Audio Power Amplifier Series 7.5W Mono-BTL or 3.1W Stereo Audio Power Amplifier	U3	1		Farnell		TI		LM4950TS	3116882
CAN Transceiver	U4	1	1.02	Farnell		Microchip		MCP2551	
Micro USB Type-B Receptacle	U5	1	0.899	Farnell		Molex		473460001	1568026
5A ADJ LDO	U6, U7	2	6.64	Farnell		DIODES INC	TO-263-5	AZ1084CD-ADJ	3483061