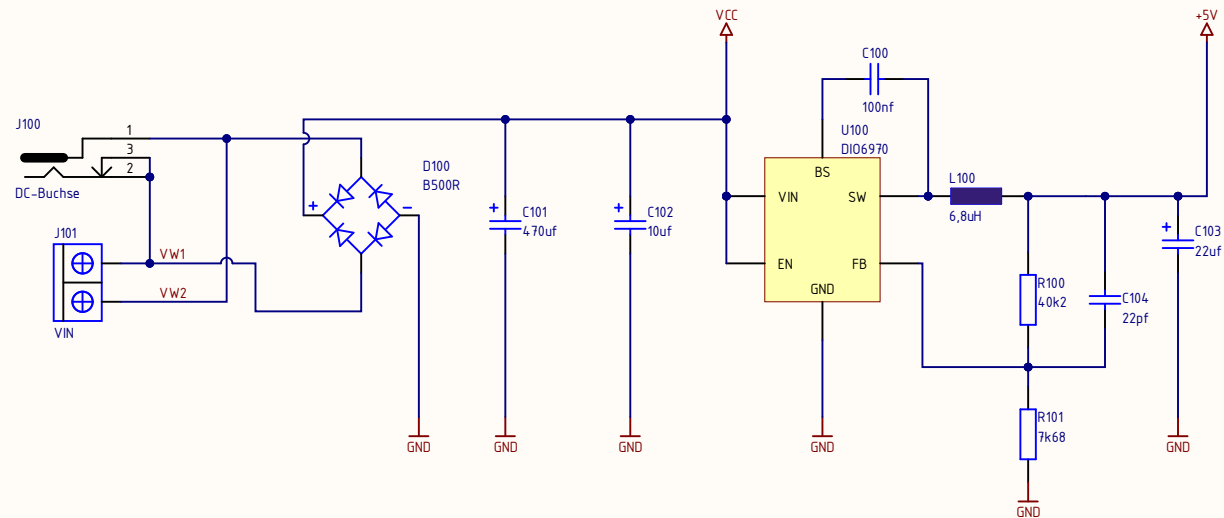
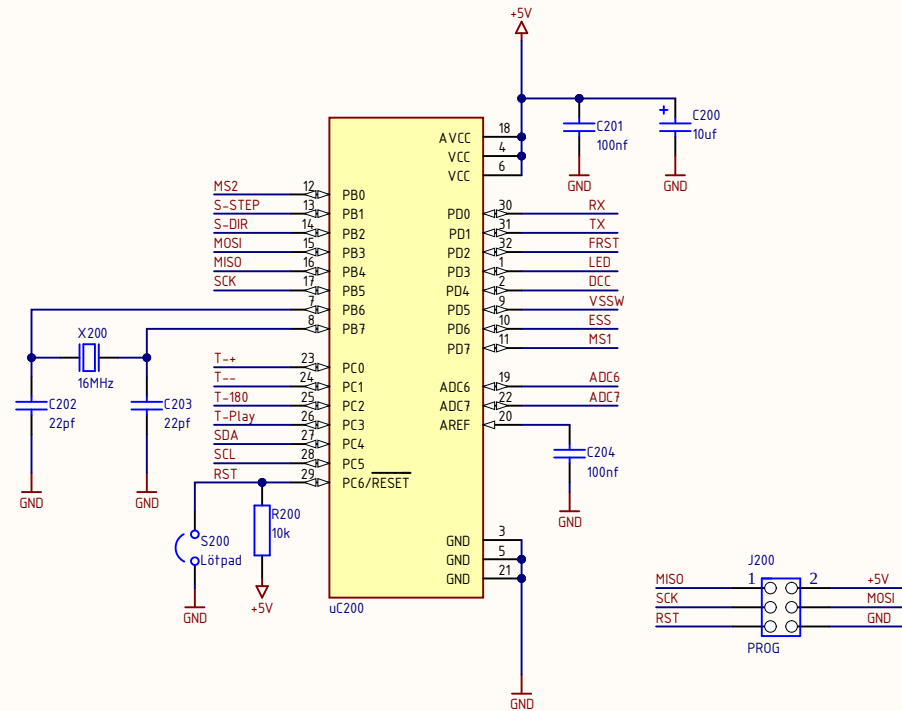


Drehscheibe Bedieneinheit



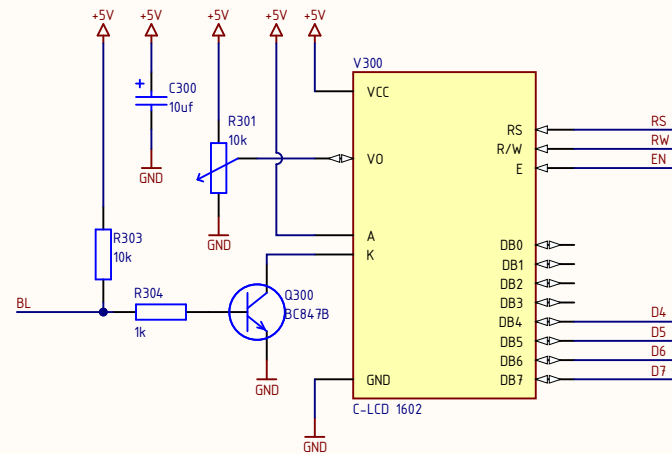
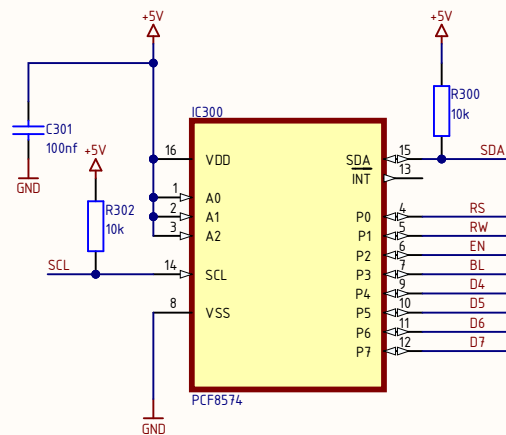
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Page Contents: 1.0 PSU.SchDoc			PCSG Hauptstraße 47 Neustift-Innermanzing A-3052 Austria 02774/29452	
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Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:50	Sheet 1 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at			Website: www.pcsbat	
File: O:\Paul & Leo\Drehscheibe v 1.0\1.0 PSU.SchDoc				

Drehscheibe Bedieneinheit



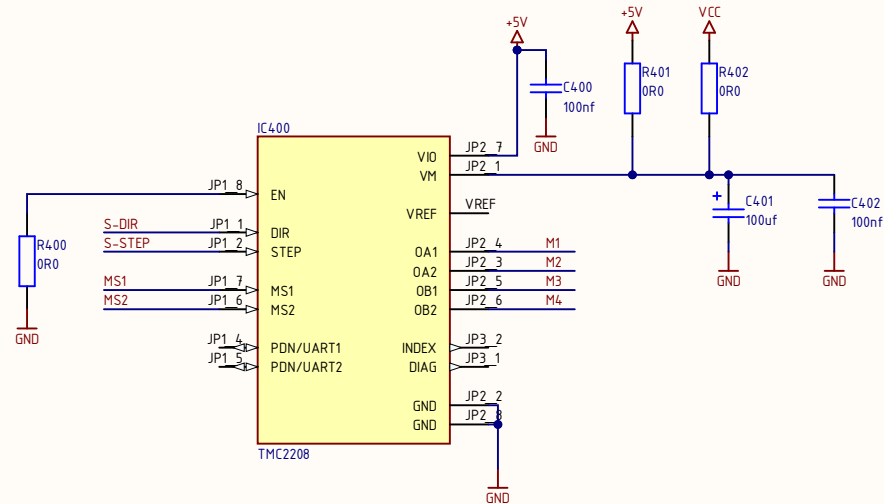
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Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:51	Sheet 2 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at			Website: www.pcsbat	
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Drehscheibe Bedieneinheit



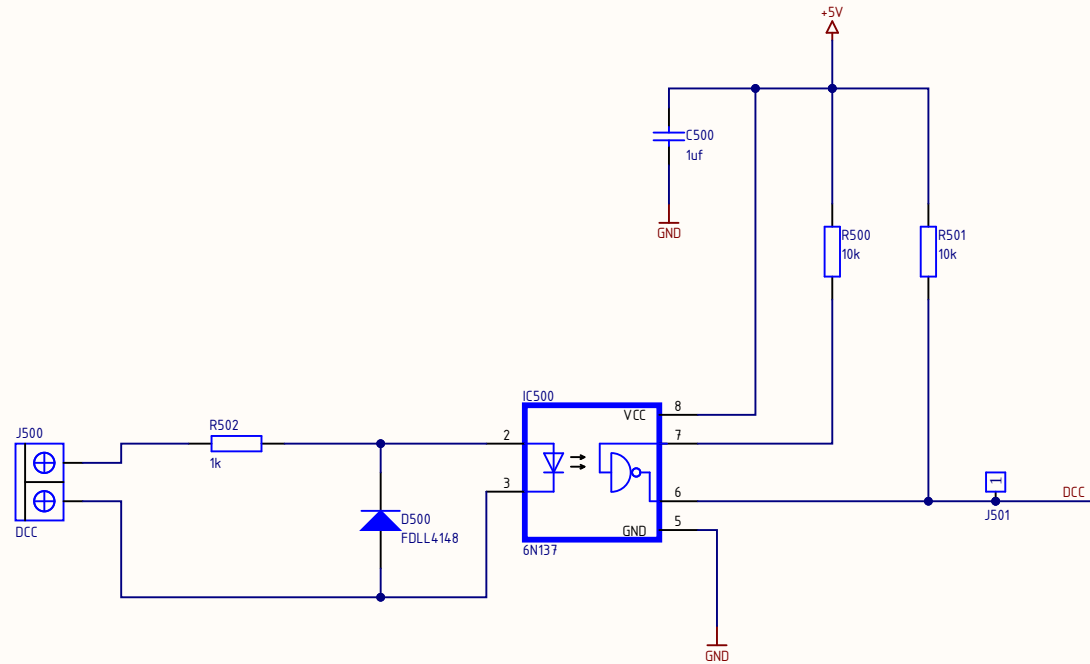
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Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:51	Sheet 3 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsbat		Website: www.pcsbat		
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Drehscheibe Bedieneinheit

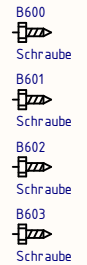


Title: Drehscheibe Bedieneinheit				
Page Contents: 4.0 Steppermotor & Peripheral.SchDoc			PCSG Hauptstraße 47 Neustift-Innermanzing A-3052 Austria 02774/29452	
Drawn By (1): BRAL		Drawn By (2): SONP		
Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:52	Sheet 4 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at			Website: www.pcsb.at	
File: O:\Paul & Leo\Drehscheibe v 1.0\4.0 Steppermotor & Peripheral.SchDoc				

Drehscheibe Bedieneinheit

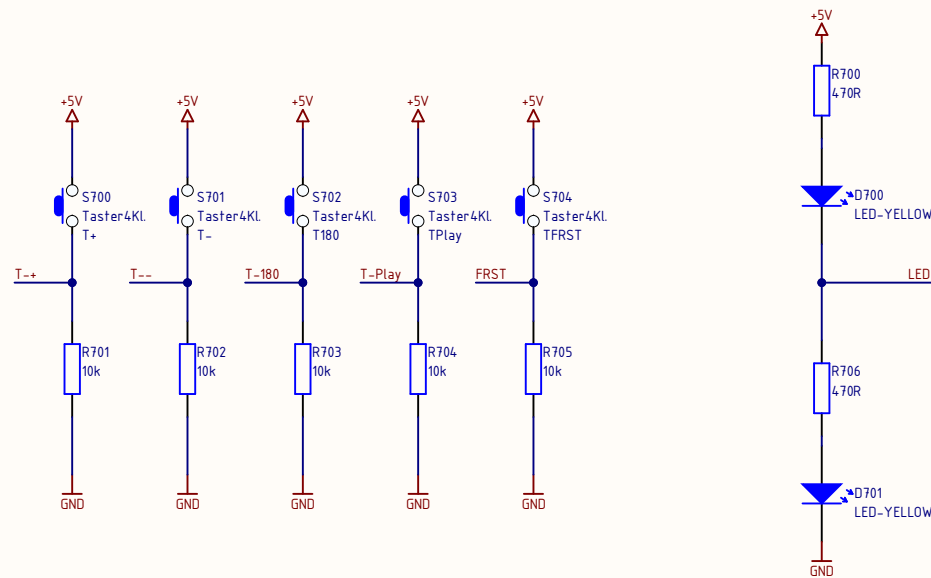


Title: Drehscheibe Bedieneinheit				
Page Contents: 5.0 Demodulation.SchDoc			PCSG Hauptstraße 47 Neustift-Innenmanzing A-3052 Austria 02774/29452	
Drawn By (1): BRAL		Drawn By (2): SONP		
Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:52	Sheet 5 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at		Website: www.pcsbat		
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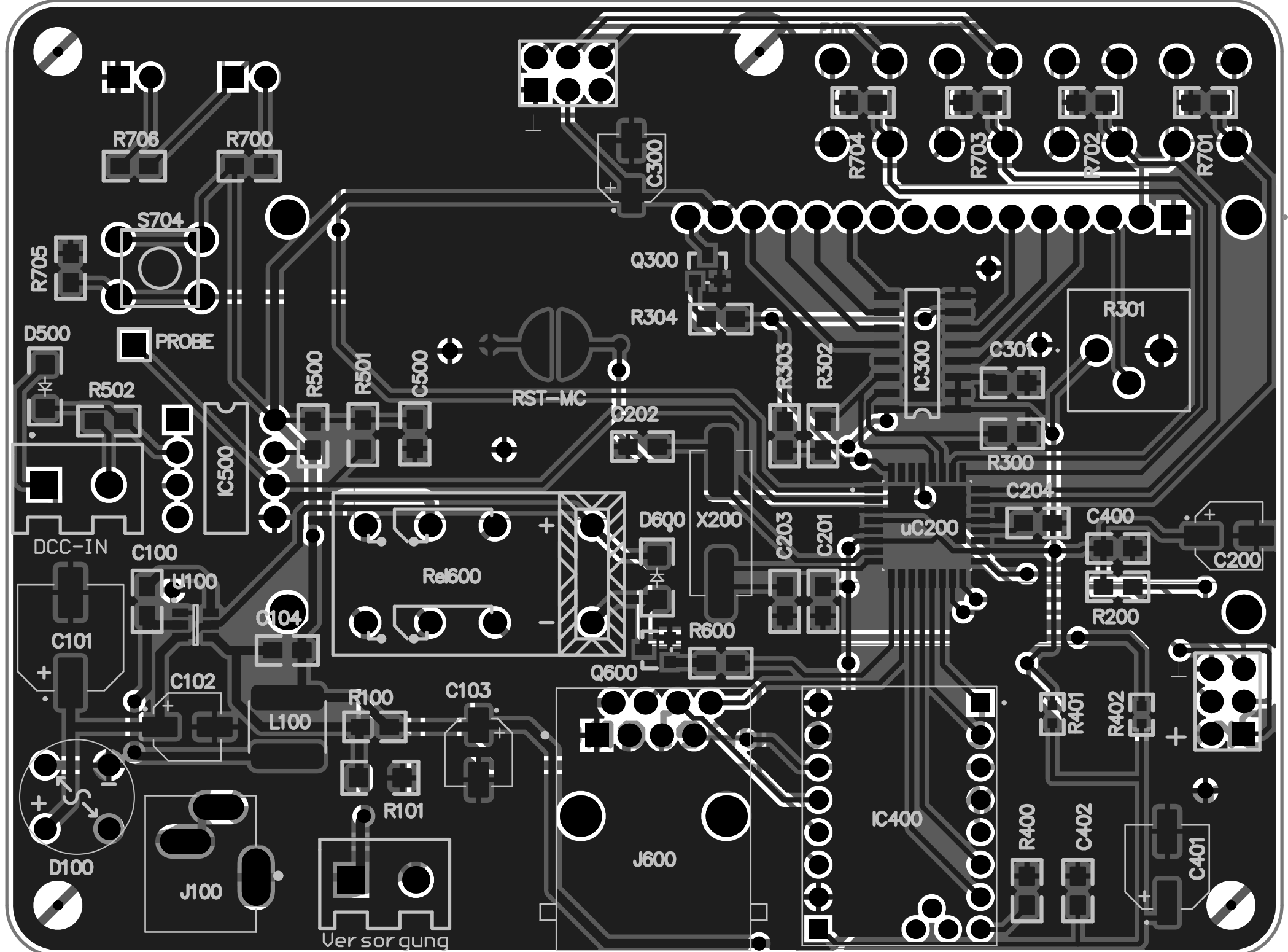


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Page Contents: 6.0 Relais und Connector.SchDoc			PCSG Hauptstraße 47 Neustift-Innermanzing A-3052 Austria 02774/29452	
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Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:52	Sheet 6 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at		Website: www.pcsb.at		
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Drehzscheibe Bedieneinheit



Title: Drehzscheibe Bedieneinheit				
Page Contents: 7.0 Bedieneinheit.SchDoc			PCSG Hauptstraße 47 Neustift-Innermanzing A-3052 Austria 02774/29452	
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Size: A4	Number: 1	Revision: v1.0		
Date: 09.01.2025	Time: 00:20:53	Sheet 7 of 7		
Client: Wolfgang Paris, Gerhard Abraham				
Email: office@pcsb.at			Website: www.pcsb.at	
File: O:\Paul & Leo\Drehzscheibe v 1.0\7.0 Bedieneinheit.SchDoc				



Name	Description	Designator	LibRef	Footprint	Quantity
Schraube	Schraubenloch für M3 Schrauben	B600, B601, B602, B603	B_Schraube	B_Schraube-M3	4
100nf	Kondensator SMD Universal, Keramik, Folie, usw.	C100, C201, C204, C301, C400, C402	C_SMD_KO	C_SMD_0805	6
470uf	SMD Elektrolytkondensator	C101	C_SMD_ELK	C_SMD_F-TYP	1
10uf	SMD Elektrolytkondensator	C102, C200, C300	C_SMD_ELK	C_SMD_C-TYP	3
22uf	SMD Elektrolytkondensator	C103	C_SMD_ELK	C_SMD_C-TYP	1
22pf	Kondensator SMD Universal, Keramik, Folie, usw.	C104, C202, C203	C_SMD_KO	C_SMD_0805	3
100uf	SMD Elektrolytkondensator	C401	C_SMD_ELK	C_SMD_D-TYP	1
1uf	Kondensator SMD Universal, Keramik, Folie, usw.	C500	C_SMD_KO	C_SMD_0805	1
B500R	Brückengleichrichter	D100	D_THT_Brückengleichrichter	D_THT_FBR-R	1
FDL4148	Diode SMD Silizium	D500, D600	D_SMD_Silizium	D_SMD_1206	2
LED-YELLOW	Diode THT LED	D700, D701	D_THT_LED	D_THT_LED-5	2
PCF8574	I/O Expander	IC300	IC_PCF8574	SO-16	1
TMC2208	Schrittmotortreiber	IC400	IC_TMC2208	IC_TMC2208	1
6N137	Optokoppler	IC500	IC_6N137	DIP-8	1
DC-Buchse	DC-Buchse	J100	J_THT_Hohlstecker	J_THT_CUI_PJ-006A	1
VIN	Printklemme	J101	J_THT_Printklemme 2x	J_THT_Printklemme 2x	1
PROG	Stecker	J200	J_THT_IDC 2x3	J_2x3	1
DCC	Printklemme	J500	J_THT_Printklemme 2x	J_THT_Printklemme 2x	1
#Wert	Stecker	J501	J_THT_CON1	SIP-1	1
RJ45 Buchse	Connector	J600	J_RJ45	J_TE-RJ45-8L-B	1
CON 2x3	Stecker	J602	J_THT_IDC 2x3	J_2x3	1
6,8uH	Spule SMD	L100	L_SMD_Spule	L_SMD_BWVS00606045	1
BC847B	NPN Transistor	Q300	Q_SMD_NPN	SOT-23	1
BC848B	NPN Transistor	Q600	Q_SMD_NPN	SOT-23	1
40k2	Widerstand SMD	R100	R_SMD_Widerstand	R_SMD_0805	1
7k68	Widerstand SMD	R101	R_SMD_Widerstand	R_SMD_1206	1
10k	Widerstand SMD	R200, R300, R302, R303, R500, R501, R701, R702, R703, R704, R705	R_SMD_Widerstand	R_SMD_0805	11
10k	Potentiometer	R301	R_THT_Potentiometer	R_THT_POT-TP-2/.1	1
1k	Widerstand SMD	R304, R502, R600	R_SMD_Widerstand	R_SMD_0805	3
0R0	Widerstand SMD	R400, R401, R402	R_SMD_Widerstand	R_SMD_0805, R_SMD_0603	3
470R	Widerstand SMD	R700, R706	R_SMD_Widerstand	R_SMD_0805	2
Nais Relais	Nais DS2Y-S-DC12V	Rel600	Rel_THT_Nais	Rel_THT_Nais	1
Lötpad	Lötverbinder	S200	S_SMD_Jumper	S_SMD_Pad-NO	1
Taster4Kl.	Taster	S700, S701, S702, S703, S704	S_THT_Taster	S_THT_Taster4kl.	5
DIO6970	Buckconverter	U100	U_DIO6970	SOT23-6	1
ATMega328(p)-AU	Microcontroller	uC200	UC_ATMega328P-AU	TQFP-32	1
C-LCD 1602	LC-Display	V300	V_C-LCD-1602	V_MODULE_LCD-16X2	1
16MHz	Quarz SMD	X200	X_SMD_Quarz	X_SMD_XTAL	1