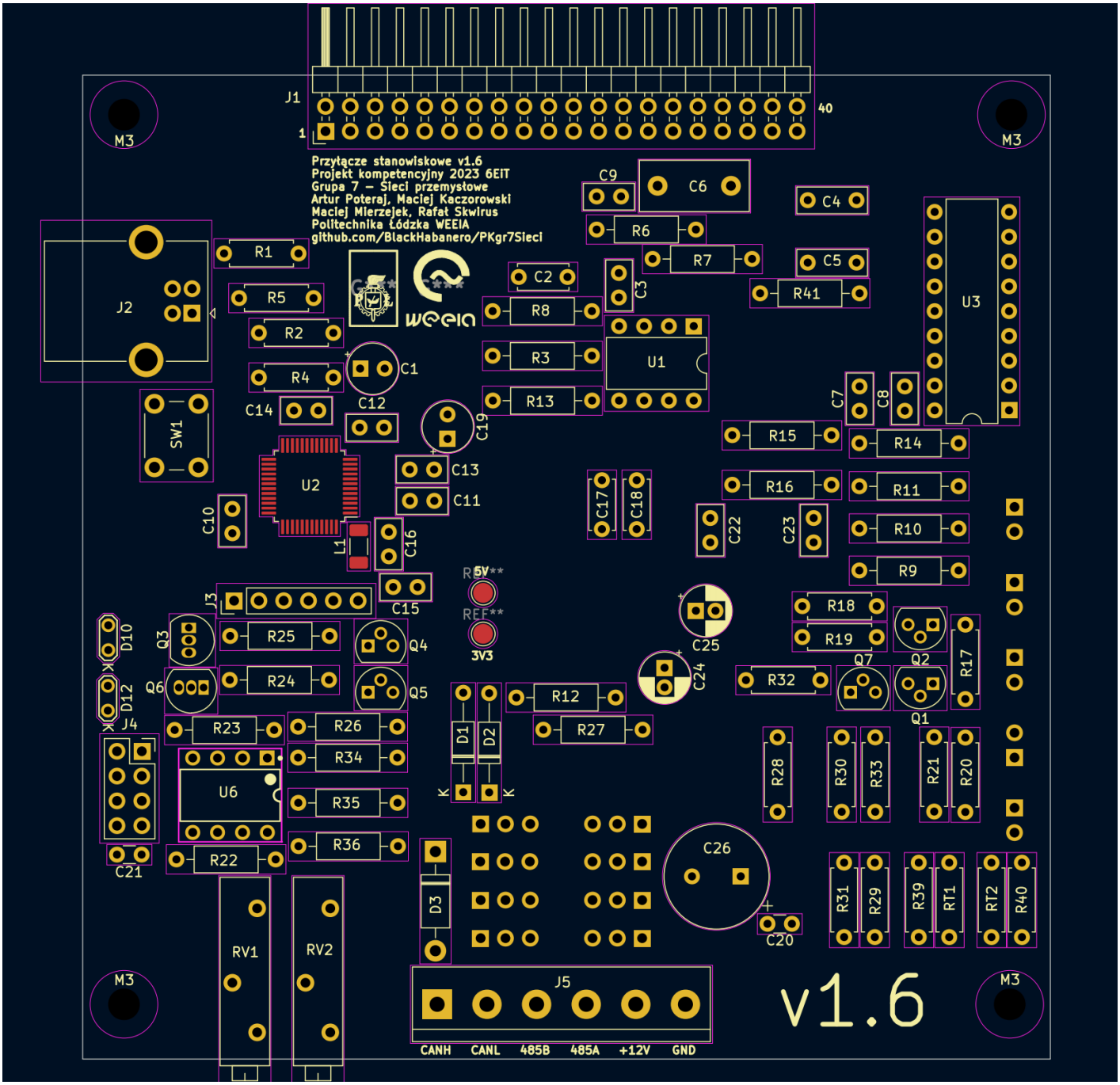
Przyłącze stanowiskowe v1.6
Projekt kompetencyjny 2023 6EIT
Grupa 7 – Sieci przemysłowe
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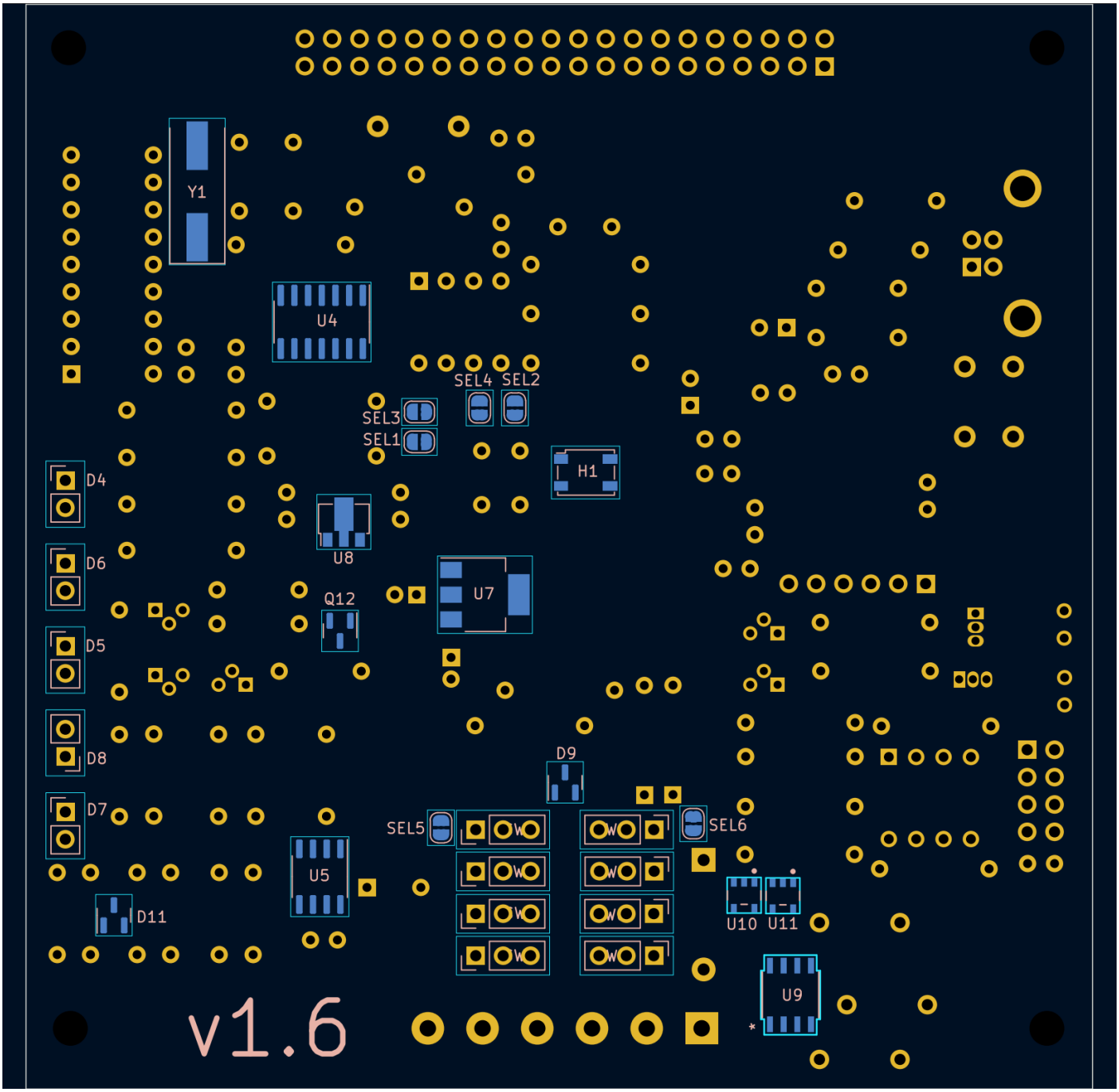
github.com/BlackHabanero/PKgr7Sieci
J1
1
40
M3
J2
SW1
U1
U2
U3
U6
J3
J4
J5
CANH
CANL
485B
485A
+12V
GND
5V
3V3
RV1
RV2
v1.6


Y1
U4
SEL4
SEL2
SEL3
SEL1
H1
D4
U8
D6
U7
Q12
D5
D8
D9
D7
SEL5
SEL6
U5
D11
U10
U11
U9
v1.6

C1	4.7µ	1
C2	4.7n	1
C3, C7-C16, C21, C23	100n	13
C4, C5	15p	2
C6	10n	1
C17, C18	150p	2
C19	2.2µ	1
C20	100n	1
C22	330n	1
C24	1µ	1
C25	4.7µ	1
C26	10µ	1
D1, D2	Zener 10V	2
D3	1N4001	1
D4-D6, D10, D12	LED	5
D10, D12	LED *	
D7	LTL-307ELC	1
D8	L-7113LYD	1
D9	PESD2IVN24-TR	1
D11	SM712_SOT23	1
H1	B82787C0104H002	1
J1	Conn_02x20_Pin	1
J2	USB_B	1
J3	Conn_01x06_Socket	1
J4	Conn_02x04_Socket	1
J5	Screw_Terminal_ 01x06	1
L1	10µ	1
Q1-Q3, Q6	BC547	4
Q4, Q5	2N3904	2
Q7	BC557	1
Q12	2N7002	1
R1, R5	27	2
R2	27k	1
R3, R8	62	2
R4	47k	1
R6	1-2k	1
R7	1k	1
R12, R27	1	2
R13	300	1
R14, R26, R29-R31, R33, R34, R41	10k	8
R15, R16	**	2
R17-R19	1.8k	3
R9-R11, R20, R21, R39, R40	750	7
R22, R23	1M	2
R24, R25	***	2
R28	36k	1
R32	18k	1
R35, R36	620	2
RT1, RT2	62	2
RV1, RV2	20k	2
SW1	SW_Push	1
SW2-SW9	SW_SPDT	8
U1	MCP2561-E-P	1
U2	ATSAM4S2AA-AU	1
U3	MCP2515-xSO	1
U4	TJA1055T_3_C,518	1
U5	MAX3485	1
U6	NE5532P	1
U7	LDL1117S33R	1
U8	DI78M05UAB	1
U9	TLV3202AID	1
U10, U11	74AHC1G04	2
Y1	20MHz	1

* LED do podsieci światłowodowej, wybrać jak najmocniejsze. Zasilane 3.3V, max 200 mA (prąd kolektora 2N3904)

** R = N*100 gdzie N to liczba odbiorników

*** Obliczane na podstawie wybranych D10, D12 jako rezystory szeregowe do LED.