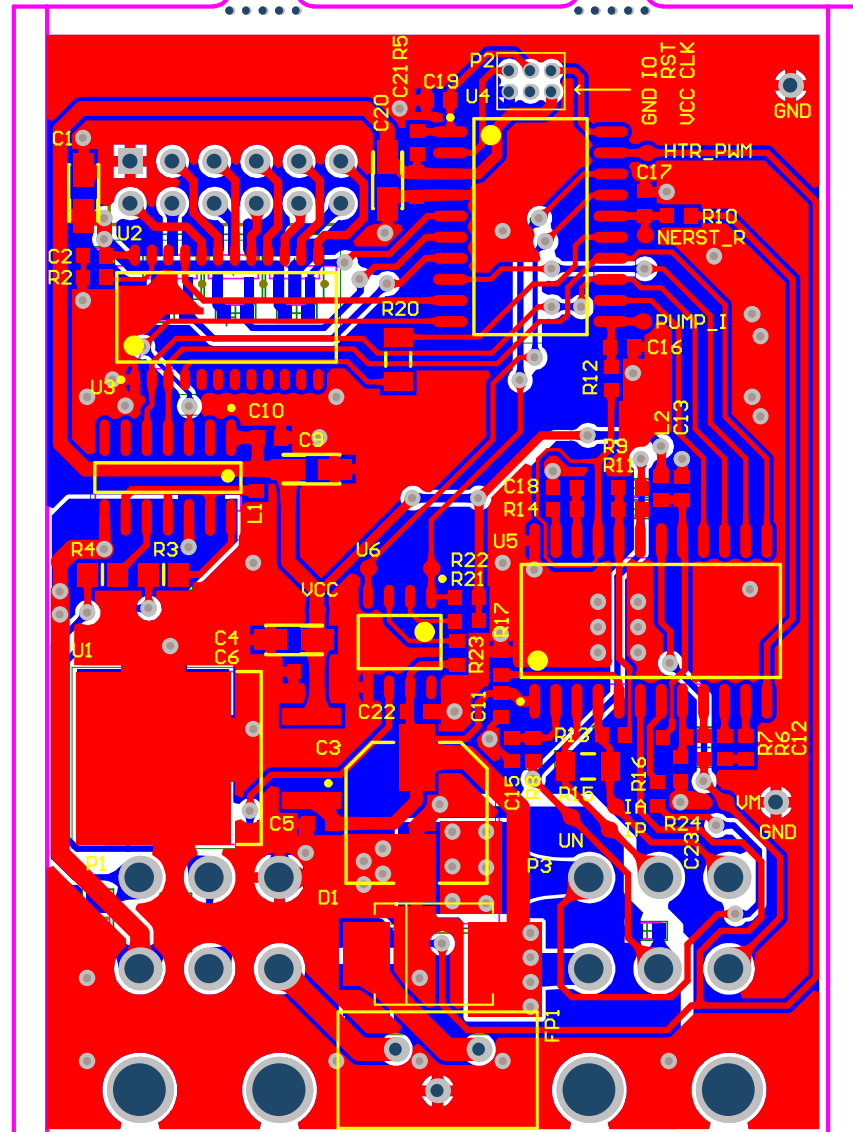
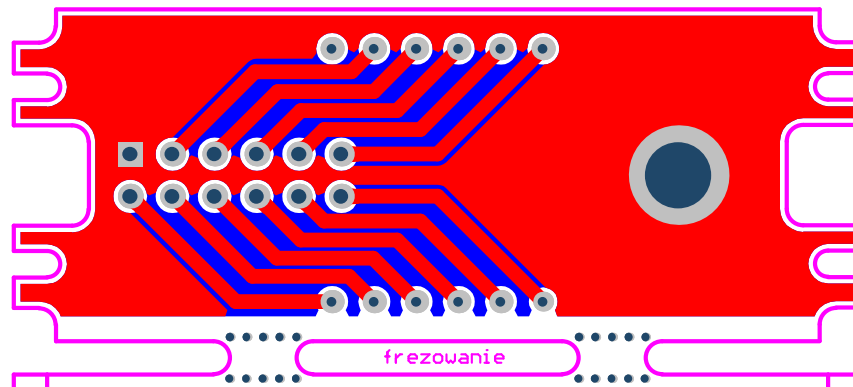


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Comment	Description	Designator	Footprint	LibRef	Quantity	Value
194D105X0015B2	Midget Conformal Coated Solid Tantalum Chip Capacitor: 1.0uF, 20% Tolerance, 15 WVDC @ +85°C, Surge = 20V	C1, C4, C9, C20	3216	194D105X0015B2	4	10uF
Cap Semi	Capacitor (Semiconductor SIM Model)	C2, C12, C18, C22	CAP0603[1608]	Cap Semi	4	100nF
Cap Pol1	Polarized Capacitor (Radial)	C3	CAPAE8983X100N	Cap Pol1	1	100uF
Cap Semi	Capacitor (Semiconductor SIM Model)	C5, C6, C10, C11, C13, C19, C21, C23	CAP0603[1608]	Cap Semi	8	220nF
Cap Semi	Capacitor (Semiconductor SIM Model)	C7, C8	6-0805_N	Cap Semi	2	220nF
Cap Semi	Capacitor (Semiconductor SIM Model)	C14, C15	CAP0603[1608]	Cap Semi	2	2.2nF
Cap Semi	Capacitor (Semiconductor SIM Model)	C16, C17	CAP0603[1608]	Cap Semi	2	33nF
D Schottky	Schottky Diode	D1	DIODE_SMC	D Schottky	1	
D Zener	Zener Diode	D2	DIODE_SMC	D Zener	1	
BC56-12SRWA	Red , 3 Digit 7 Segment Display, 0.8" Height	DS1	BC56-12	LED 3 Digits	1	
MURATA FILTER DSS9		FP1	dss9n	MURATA FILTER DSS9	1	
Inductor	Inductor	L1, L2	1608[0603]	Inductor	2	10mH
039300060	6 -Pin Right Angle, Dual Row With Flanges, 4.20mm Pitch	P1, P3	5569-6	039300060	2	
Header 3X2	Header, 3-Pin, Dual row	P2	HDR2x3x127	Header 3X2	1	
Header 6X2	Header, 6-Pin, Dual row	P4, P5	HDR2X6	Header 6X2	2	
B5H201	P-channel Enhancement Mode MOSFET	Q1, Q2, Q3	SOT23_N	B5H201	3	
AUIRLR2703TR	HEXFET Power MOSFET	Q4	TO-252AA_N	IRLR8503	1	
Res2	Resistor	R1, R2, R10, R12, R18, R19	RES0603[1608]	Res2	6	1K
Res2	Resistor	R3, R4	6-0805_N	Res2	2	1K
Res2	Resistor	R5, R8, R17, R21, R22, R23, R24	RES0603[1608]	Res2	7	10K
Res2	Resistor	R6	RES0603[1608]	Res2	1	31.6K
Res2	Resistor	R7	RES0603[1608]	Res2	1	301
Res2	Resistor	R9, R14	RES0603[1608]	Res2	2	100K
Res2	Resistor	R11	RES0603[1608]	Res2	1	4.7K
Res2	Resistor	R13	RES0603[1608]	Res2	1	470K
Res2	Resistor	R15	c1206	Res2	1	61.9
Res2	Resistor	R16	RES0603[1608]	Res2	1	6.8K
Res2	Resistor	R20	c1206	Res2	1	0R
MIC29300	Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel	U1	TO-263_N	L7805ACD2T-TR	1	
SCT2210CSAG	16-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to 85°C	U2	SOP100P790X220-24N	SCT2210	1	
MCP4922-E/SL	12-Bit DAC with SPI Interface, 14-Pin SOIC 150mil, Extended Temperature	U3	SOIC-SL14_N	MCP4922-E/SL	1	
MKE04P24	32-Bit ARM M0+, 16 Pin TSSOP, -40° to 125°	U4	SOP127P600-8N	MKE04P24M	1	
CJ125	Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C	U5	SOIC127P1030X265-24M	CJ125	1	
TJA1020	LIN Bus Transrecieve	U6	SOIC127P600X173-8	TJA1020	1	