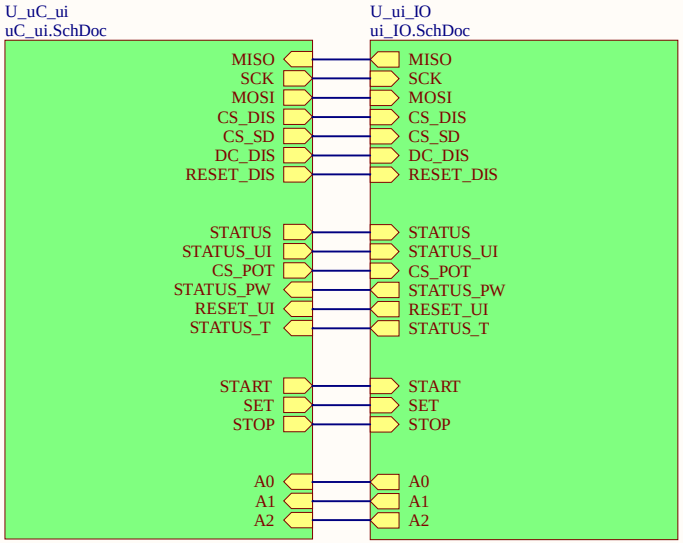

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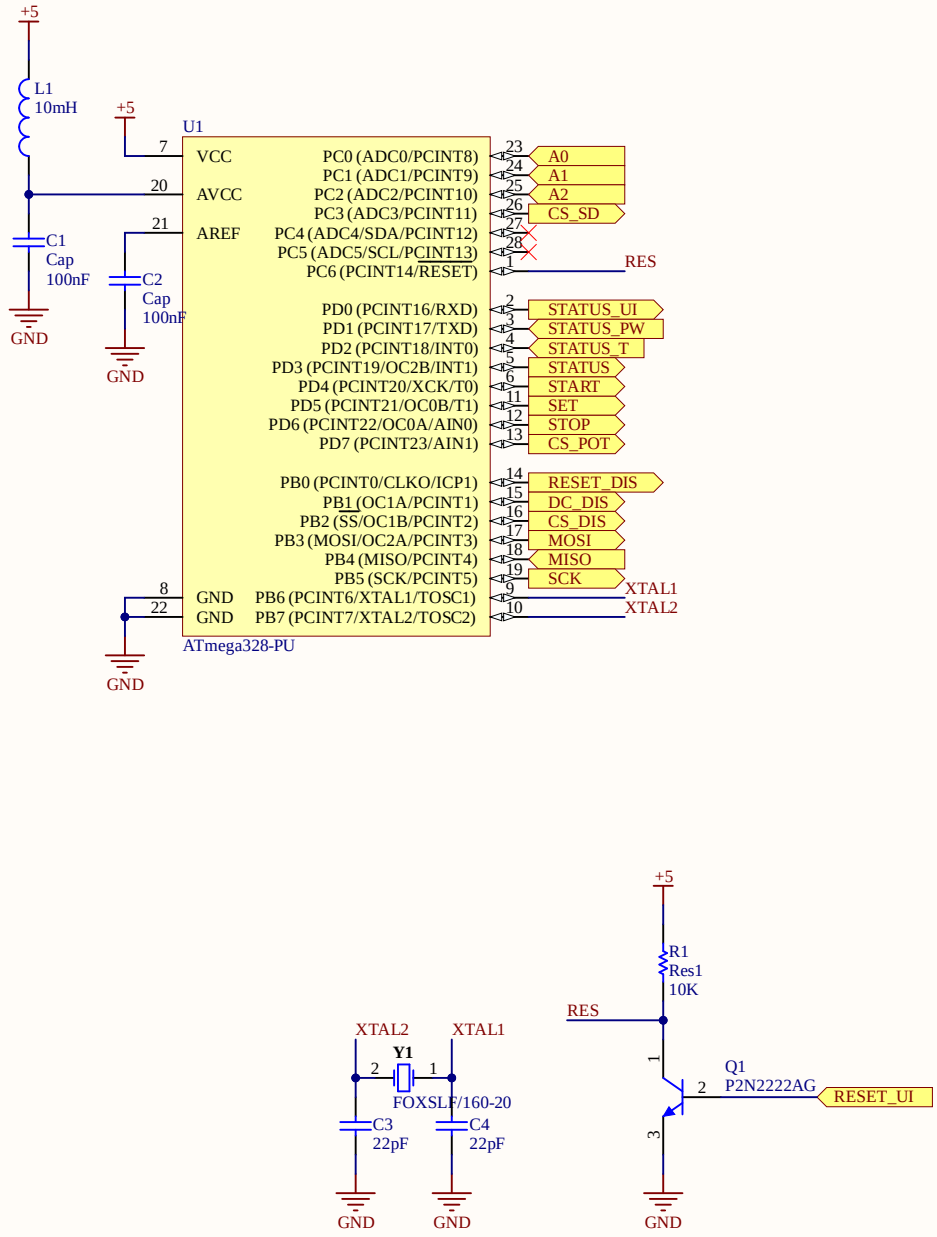

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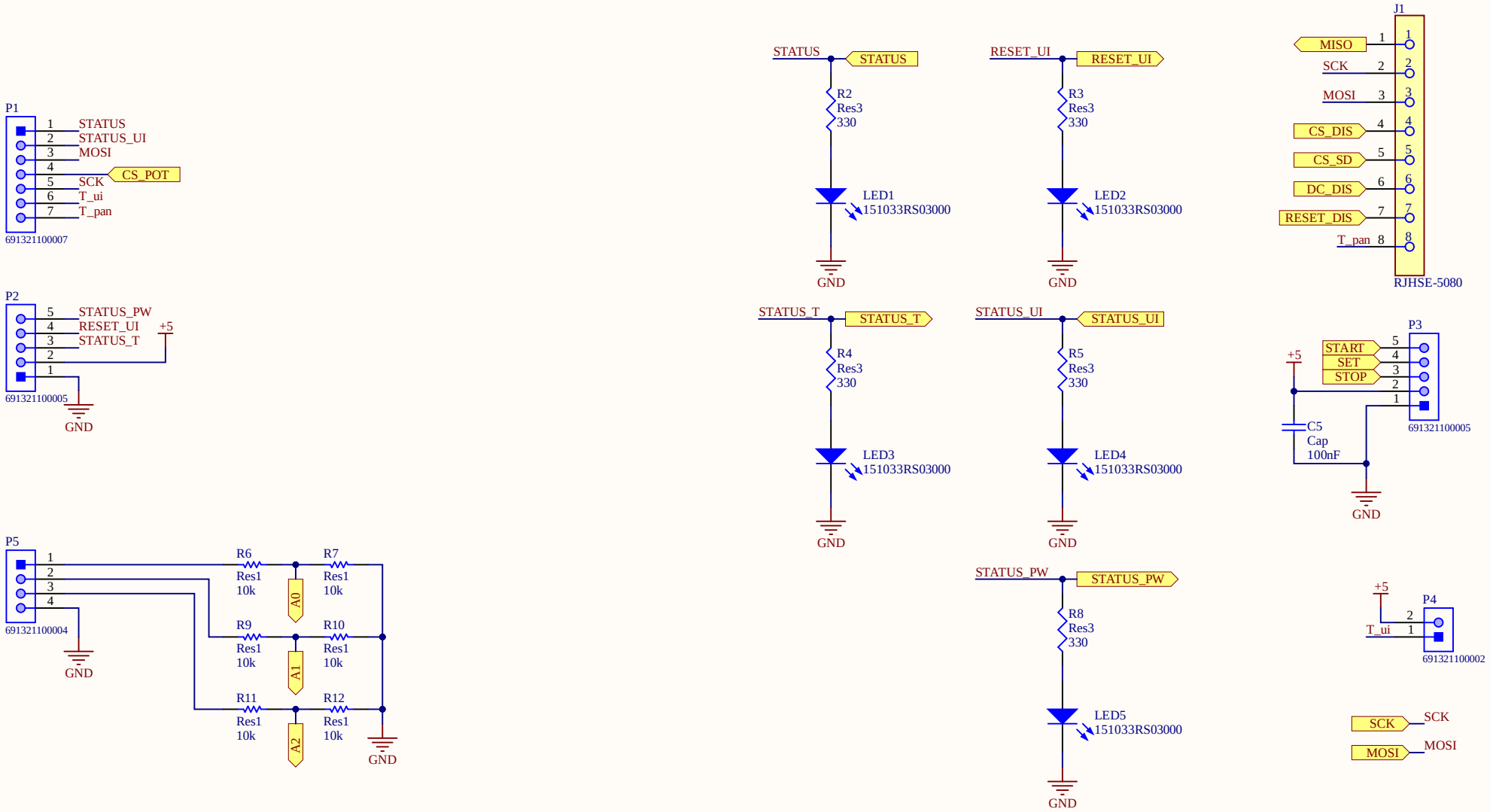

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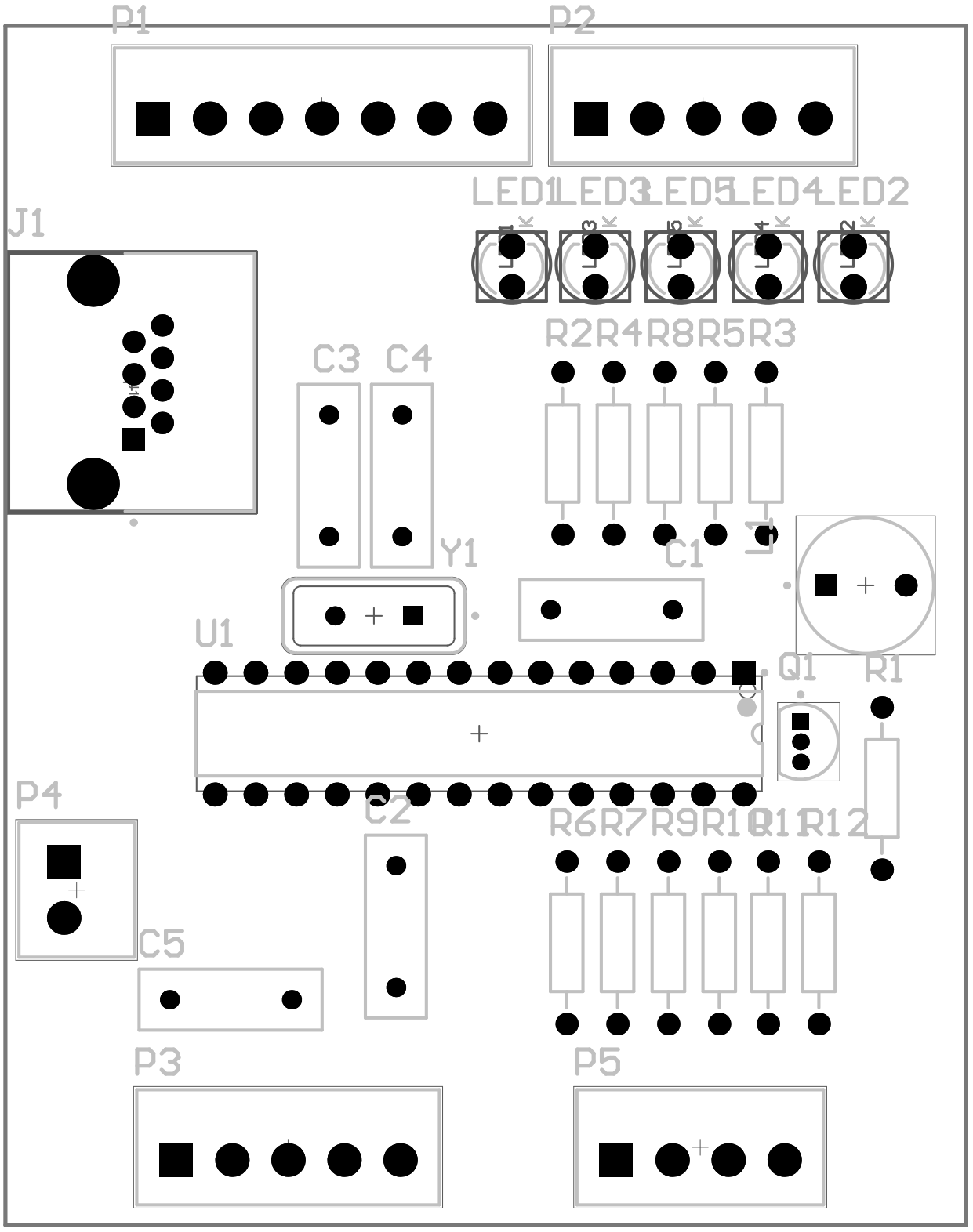
P1
P2
LED1
LED3
LED5
LED4
LED2
J1
R2
R4
R8
R5
R3
C3
C4
Y1
C1
U1
Q1
R1
P4
C2
R6
R7
R9
R10
R11
R12
C5
P3
P5

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C5	RAD-0.3	Cap	5
RJHSE-5080	CONN MOD JACK 8P8C R/A UNSHLD	J1	FP-RJHSE-5080-MFG	CMP-02366-000003-1	1
10mH	Radial Inductor, 10 uH, +/- 10%, 3 A, -55 to 105 degC, 2-Pin THD, RoHS, Bulk	L1	INDR62-500-1100X850X1100	CMP-1747-00016-1	1
151033RS03000	THT LED round mono-color waterclear, WL-TMRW, Red	LED1, LED2, LED3, LED4, LED5	Type 3mm	CMP-1489-00004-1	5
691321100007	Serie 3211 - 3.50mm Vertical PCB Header WR-TBL, 7 pin	P1	691321100007	CMP-1502-01788-1	1
691321100005	Serie 3211 - 3.50mm Vertical PCB Header WR-TBL, 5 pin	P2, P3	691321100005	CMP-1502-01786-1	2
691321100002	Serie 3211 - 3.50mm Vertical PCB Header WR-TBL, 2 pin	P4	691321100002	CMP-1502-01783-1	1
691321100004	Serie 3211 - 3.50mm Vertical PCB Header WR-TBL, 4 pin	P5	691321100004	CMP-1502-01785-1	1
P2N2222AG	Amplifier Transistor, NPN Silicon, 3-Pin TO-92, Pb-Free, Bulk Box	Q1	ONSC-TO-92-3-29-11	CMP-1048-01402-1	1
Res1	Resistor	R1, R6, R7, R9, R10, R11, R12	AXIAL-0.4	Res1	7
Res3	Resistor	R2, R3, R4, R5, R8	AXIAL-0.4	Res3	5
ATmega328-PU	8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 28-pin PDIP, Industrial Grade (-40°C to 85°C)	U1	28P3	CMP-0095-00015-2	1
FOXSLF/160-20	Resistance Weld Thru-Hole Crystal, 16 MHz, -20 to 70 degC, 2-Pin THD, RoHS, Bulk	Y1	FOX-FOXSLF160-20	CMP-1749-00003-1	1