





Designator	Quantity	Comment	Description	Footprint
C1, C6	2	100N	Chip Capacitor, Capacitor	CAP_CHIP_0402
C2	1	10U	Capacitor	CAP_CHIP_0603
C3, C4, C5	3	10U	Chip Capacitor, Capacitor	CAP_CHIP_0402
C7	1	10N	Capacitor	CAP_CHIP_0402
D1	1	1N4148	Switching Diode	SOD323
K1	1	G6K-2F-Y	5VDC DPDT Relay	RLY_G6K-2F-Y
L1	1	10U	Power Inductor	IND_PWR_2520
P1	1	AVCC	Pad	PAD_1/2
P2	1	AGND	Pad	PAD_1/2
P3	1	A_IN	Pad	PAD_1/2
P4	1	A_SEND	Pad	PAD_1/2
P5	1	A_RTUN	Pad	PAD_1/2
P6	1	A_OUT	Pad	PAD_1/2
P7	1	LED_IN	Pad	PAD_1/2
P8	1	LED_OUT	Pad	PAD_1/2
P9	1	SW	Pad	PAD_1/2
P10, P15	2	GND	Pad	PAD_1/2
P11	1	TIGR_A	Pad	PAD_1/2
P12	1	CLK	Pad	PAD_1/2
P13	1	DIO	Pad	PAD_1/2
P14	1	RST	Pad	PAD_1/2
P16	1	TIGR_B	Pad	PAD_1/2
Q1	1	MMBT3904	NPN BJT	SOT23
R1	1	200K	Resistor	RES_CHIP_0402
R2	1	27K	Resistor	RES_CHIP_0402
R3, R4, R6, R7, R11	5	100K	Resistor	RES_CHIP_0402