

Name	Component	Quantity	Mouser article number	Price (1pcs, €, excl. vat)	Total Price	Comments
B1	Battery holder, 2xAA	1	12BH212P-GR	1.16	1.16	
C1-C3	100nF	3	581-08055C104J	0.041	0.123	
C4	Capacitor, C6 (ø6.3mm), 330uF	1	598-AVE337M06X16T-F	0.083	0.083	
C5-C6	18pF (optional)	2	140-CC501N180J-RC	0.053	0.106	
Q1	Crystal (optional), HC49S	1	815-ABL-16-B2	0.27	0.27	
DIPSW	Dipswitch, 5 pol	1	774-2195MST	0.66	0.66	
EXT_LED1-EXT_LED3	Pinheader, 1x2	3	649-68000-420HLF	0.041	0.123	20 pins total
IC1	Atmega48/88/ <b>168</b> -AU	1	556-ATMEGA168PA-AU	2.1	2.1	
IRLED1 - IRLED4	5mm IR LED	4	78-TSUS5400	0.182	0.728	
ISP	Pinheader, 2x3	1	649-67996-420HLF	0.048	0.048	20 pins total
LED1-LED4	Indication LED, 0805, any colour, Vf<3V	4	645-598-8170-107F	0.1	0.4	Average price
T1	MOSFET, N-channel, sot23, 6.5A	1	621-DMG6968U-7	0.454	0.454	SOT223 – 771-BUK9880-5513
R1,R5-R12, R18	4k7	10	667-ERJ-6GEYJ472V	0.033	0.33	
R2-R4, R20-R22	2R2	6	667-ERJ-6GEYJ2R2V	0.033	0.198	
R13, R19	220	2	667-ERJ-6GEYJ221V	0.033	0.066	
R14-R17	1k	4	667-ERJ-6GEYJ102V	0.033	0.132	
SW_PROG, SW_START, SW_STOP	Tactile switch, SKHHBV, pin, 6x6mm	3	688-SKHHBV	0.215	0.645	
PCB	By sterna	1	N/A	3	3	@10pcs
					10.626	<-Total