

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	Atmega48/88/168-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-BUK9880-55135
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 sterná	1	N/A	3	3	@10pcs
					10,626	<-Total