

Board : BlindShutterMini_nrf

Prototype : 1

Parts	Value	Package	Description	SUPPLIER	Qty	Prix U HT	Total HT	Total TTC	ID_MOUSER	Autre fournisseur
PCB			Par lot de 10; 10\$ + 5\$ fdp		1			1,5		Seedstudio
IC1	ATMega-328	TQFP32-08	Atmel 32-pin 8-bit micro, 16k flash.		1			1,4		Aliexpress
IC2	AT25DF512C-SSH-N	SO-08	Serial EEPROM 4K/ 8K , SPI bus		1	0,431	0,431	0,5172	988-AT25DF512CSSHN-B	
IC3	MCP1703CB	SOT23	250 mA, 16V, Low Quiescent Current LDO Regulator		1	0,568	0,568	0,6816	579-MCP1703T-3302ECB	
IC4	ACS712_5A	SOIC127P600X175-8N	Linear Current Sensor		1		0	1,2		Aliexpress
IC5	ATSHA204A	SOT23	Puce signature (Note : version 3 broches STUCZ)		1	0,869	0,869	1,0428	566-ATSHA204ASTUCZ-T	
IC6	LM321	SOT95P285X120-5N	Low Power Single Op Amp		1	0,634	0,634	0,7608	926-LM321MF/NOPB	
X1	8 MHz	RESONATOR-SMD	Resonator		1	0,431	0,431	0,5172	81-CSTCE8M00G55-R0	
D1, D2	SM6T6V8CA	DO-214AA	TVS Diodes - Trans. Voltage Suppress 600W 6.8V Bidirect		2	0,38	0,76	0,912	511-SM6T6V8CA	
T1, T2	MMBT2222A-7-F	SOT103P240X110-3N	NPN SMALL SIGNAL SURFACE MOUNT TRANSISTOR		2	0,141	0,282	0,3384	621-MMBT2222A-F	
C1, C4, C5, C6, C7, C11, C12, C14	0.1uf	0805	Capacitor		8	0,091	0,728	0,8736	77-VJ0805Y104MXAMR	
C2	0.01uf	0805	Capacitor		1	0,091	0,091	0,1092	77-VJ0805Y103JXAPBC	
C3	1000pf	0805	Capacitor		1	0,091	0,091	0,1092	77-VJ0805Y102JXXPBC	
C8	1u	0805	Capacitor		1	0,101	0,101	0,1212	581-08055C105K4T2A	
C9	10u	0805	Capacitor		1	0,35	0,35	0,42	81-GRM21BR61E106KA3L	
C10, c13	4u7	0805	Capacitor		1	0,352	0,352	0,4224	581-08053D475K	
R1	1k	0805	Resistor		1	0,108	0,108	0,1296	660-SG73P2ATTD102J	
R2, R5	100k	0805	Resistor		2	0,108	0,216	0,2592	660-SG73P2ATTD104J	
R3, R4	4k7	0805	Resistor		2	0,108	0,216	0,2592	660-SG73S2ATTD472J	
R6	3.3k	0805	Resistor		1	0,108	0,108	0,1296	660-SG73S2ATTD332J	
R7, R8	10k	0805	Resistor		2	0,108	0,216	0,2592	660-SG73S2ATTD103J	
VAR1	B72207S0251K101		Varistance 250V 1200A		1	0,379	0,379	0,4548	871-B72207S251K101	
F1	RST5A		Micro fusible 250VAC 5A		1	0,343	0,343	0,4116	530-RST5	
RELAIS1, RELAIS2	Relais G6D	G6D	OMRON Slim, Miniature PCB Relay 17.5 × 6.5 × 12.5 mm		2	4,49	8,98	10,776	653-G6D1A-ASI-DC5	
ALIM	HILINK_HLK-PM01	HILINK_HLK-PM01	220VAC-5VDC Step Down		1		0	2,45		Aliexpress
NRF_SMD	NRF24L01+SMD_MODULE	NRF24L01+SMD_MODULE	NRF24L01+ smd		1		0	1,2		Aliexpress
AC, MOTOR		SCREWTERMINAL-5MM-3	Bornier à vis 3 pôles pas de 5mm		2		0	0		
BUTTONS		2X02	Header 2x2 Optionnel, possibilité de souder des fils à la place		1		0	0		
I2C_EXT		2X03	Header 2x3 Optionnel		1		0	0		
AVRSPI		1X04	Header 4		1		0	0		
FTDI	FTDI	1X06	Header 6		1		0	0		
Total / PCB					45		16,25 €	27,25 €		