Bill Of Materials for Wemos Reley

Design Title   Wemos Reley
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Document Number
Revision   1
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Total Parts In Design   41

0 Modules

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
Sub-totals:					0,00грн			

6 Capacitors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
2	C1,C2	10nF	0805_CAP		0,75грн	http://www.kosmodrom.com.ua/el.php?name=CP08051050V8020	00-00034541	
2	C3,C5	0.1uF	0805_CAP	Digikey PCF1125TR-ND	0,50грн	http://www.kosmodrom.com.ua/el.php?name=CAP08050150V20	00-00034551	
1	C4	10u	CAPMP3528X210	Digikey 495-2238-2-ND	4,75грн	http://www.kosmodrom.com.ua/el.php?name=TECAP%2010_10V%20B%2010	00-00034676	
1	C6	0.1uF	0805_CAP		0,30грн			
Sub-totals:					7,55грн			

21 Resistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
4	R1,R2, R16,R17	10k	0805_RES	72-0869				
4	R3,R4, R9,R10	470R	0805_RES	72-0669	0,10грн	http://www.kosmodrom.com.ua/el.php?name=SMDRES08054700M1	00-00049437	
5	R5,R6, R7,R8, R15	10k	0805_RES	72-0869	0,11грн		00-00049467	
8	R11,R12, R13,R14, R22,R23, R24,R25	100R	0805_RES	72-0592				
Sub-totals:					0,95грн			

4 Integrated Circuits

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
1	U1	CH340G	SO16		25,00грн			
1	U2	KF33BD-TR	SO8		12,75грн	http://www.kosmodrom.com.ua/el.php?name=KF33BD-TR	00-00026127	
1	U5	PCF8574A	SO16W					
1	U6	ESP-12	ESP-12-S		98,00грн		00-00048613	
Sub-totals:					135,75грн			

2 Transistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
2	Q1,Q2	BC817-40	SOT95P230X109-3	Digikey 497-2531-2-ND	0,50грн	http://www.kosmodrom.com.ua/el.php?name=BC817-40.215	00-00031366	
Sub-totals:					1,00грн			

1 Diodes

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
1	D26	SM11	DIOM5336X240	Digikey MBRS3200T3GOSCT-ND	9,25грн	http://www.kosmodrom.com.ua/el.php?name=MBRS3200T3G	00-00033324	
Sub-totals:					9,25грн			

7 Miscellaneous

Quantity	References	Value	PCB Package	Stock Code	Unit Cost	url	kosmodrom	variant
1	J1	CONN-SIL6	CONN-SIL6					
3	J3,J4,J9	CONN-SIL2	CONN-SIL2					
1	J7	USB B micro	USB B micro		3,00грн		00-00040869	
1	J8	CONN-SIL9	CONN-9-PIN					
1	Y1	CSTCE12M0G55-R0	CSTCE	Digikey 490-1197-1-ND	9,00грн	http://www.kosmodrom.com.ua/el.php?name=CSTCE12M0G55-R0	00-00060512	
Sub-totals:					12,00грн			

Totals:					166,50грн			