Bill Of Materials for Robochotin

Design Title	Robochotin
Author	Paulo Loma Marconi
Document Number	
Revision	1.0
Design Created	Tuesday, 6 September, 2016
Design Last Modified	Monday, 14 July, 2025
Total Parts In Design	81

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				$0.00

12 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
10	C2-C8,C11-C12,C14	0.1uF		
1	C13	330nF		
1	C15	1uF		
Sub-totals:				$0.00

35 Resistors

Quantity	References	Value	Stock Code	Unit Cost
12	R1-R2,R15-R16,R18-R19,R21-R22,R24-R25,R27-R28	2k		
10	R3,R5-R8,R14,R17,R20,R23,R26	10k		
2	R4,R12	33R		
3	R9-R10,R30	220R		
2	R11,R13	1k		
6	R29,R31-R35	1.2k		
Sub-totals:				$0.00

7 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	L293D		
4	U2-U3,U5-U6	LM393		
1	U4	LM317T		
1	U7	7805		
Sub-totals:				$0.00

2 Transistors

Quantity	References	Value	Stock Code	Unit Cost
2	Q1-Q2	2N3904		
Sub-totals:				$0.00

12 Diodes

Quantity	References	Value	Stock Code	Unit Cost
6	D1-D4,D6-D7	IREMITTER		
6	D5,D8-D12	PHOTODIODE		
Sub-totals:				$0.00

13 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
2	BAT_1-BAT_2	SIL-100-02		
3	DBG,MOTORS,MQ-2	CONN-SIL4		
1	DSW1	DIPSW_1		
1	MAPLE1	MAPLE-MINI		
1	NRF1	NRF24L01+		
2	OPT1-OPT2	SIL-100-03		
2	POT1-POT2	10k		
1	TX/RX	CONN-SIL3		
Sub-totals:				$0.00

Totals: $0.00

Totals: $0.00