

Bill Of Materials for H-bridge

Design Title H-bridge
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Document Number
Revision
Design Created terça-feira, 25 de junho de 2019
Design Last Modified quarta-feira, 10 de julho de 2019
Total Parts In Design 67

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				R\$0,00

14 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	C1,C4-C5,C8	22uF	Digikey P5135-ND	
6	C2-C3,C6-C7,C10,C12	100nF		
2	C9,C11	330nF		
2	C13-C14	22pF	Maplin WX48C	
Sub-totals:				R\$0,00

19 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	R1-R4	10R		
1	R5	220KR		
3	R6,R13-R14	47KR		
2	R7,R23	10KR		
1	R8	1MR		
2	R9,R11	10kR		
2	R15-R16	22KR		
2	R19-R20	220R		
2	R24-R25	470kR		
Sub-totals:				R\$0,00

9 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	U1-U2	IR2110		
1	U3	7812		
1	U4	7805		
2	U5,U9	74LS04		
2	U7-U8	4N25		
1	U10	HCTL2016		
Sub-totals:				R\$0,00

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	Q1-Q4	IRFZ44N		
Sub-totals:				R\$0,00

4 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	D1-D2	1N4007		
2	D3-D4	LED-GREEN		
Sub-totals:				R\$0,00

17 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	A,B	LED-BLUE		
2	J1,J4	ARDUINO-SIL8		
1	J2	ARDUINO-SIL10		

1	J3	ARDUINO-SIL6	
5	J5-J8,J6_MOTOR	TBLOCK-M2	
1	JP1	JUMPER2	
2	LMT1-LMT2	LED-RED	
2	RST,SD	LED-GREEN	
1	X1	CRYSTAL	
Sub-totals:			R\$0,00
Totals:			R\$0,00