

# Bill Of Materials for Teste Técnico

Design Title	Teste Técnico
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Document Number	1
Revision	A0
Design Created	quinta-feira, 21 de agosto de 2025
Design Last Modified	sexta-feira, 22 de agosto de 2025
Total Parts In Design	56

## 0 Modules

Quantity	References	Value	Stock Code	Unit Cost	Manufacturer	ROHS Compliant	Supplier
Sub-totals:				R\$0,00			

## 18 Capacitors

Quantity	References	Value	Stock Code	Unit Cost	Manufacturer	ROHS Compliant	Supplier
1	C1	100u					
3	C2,C4,C8	0.1u	Digikey 478-1529-2-ND		AVX		
1	C3	470u					
1	C7	100u	Digikey 495-2220-2-ND		Kemet		
2	C10-C11	22p	Digikey PCC2230TR-ND		Panasonic - ECG		
9	C12-C15,C17-C21	100n	Digikey PCC2230TR-ND		Panasonic - ECG		
1	C16	100n	Digikey 478-1529-2-ND		AVX		
Sub-totals:				R\$0,00			

## 17 Resistors

Quantity	References	Value	Stock Code	Unit Cost	Manufacturer	ROHS Compliant	Supplier
1	R1	10K	Digikey RT1206BRD0710K2L-ND		Yageo		
1	R2	3k3					
1	R3	10K	Digikey 311-10KADKR-ND		Yageo		
1	R4	10k					
2	R5-R6	100	Digikey 311-220ETR-ND		Yageo		
1	R7	100					
1	R8	8K2					
5	R9,R13-R16	33					
1	R10	1k					
1	R11	260					
1	R12	100k					
1	R17	680	Digikey 311-220ETR-ND		Yageo		
Sub-totals:				R\$0,00			

## 5 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost	Manufacturer	ROHS Compliant	Supplier
1	U1	LM2576S-5					
1	U2	LM1117MP-3,3			Texas Instruments		
1	U3	STM32F103C8			STM Microelectronics		
1	U4	PC817X2NIP1B			SHARP		
1	U5	MAX3232CDWRE4					
Sub-totals:				R\$0,00			

## 2 Transistors

Quantity	References	Value	Stock Code	Unit Cost	Manufacturer	ROHS Compliant	Supplier
1	Q1	STB55NF06LT4					

1	Q2	BC817-16	Digikey BC817-16DITR-ND	Diodes Inc.			
Sub-totals:				R\$0,00			
8 Diodes							
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Manufacturer</u>	<u>ROHS Compliant</u>	<u>Supplier</u>
3	D1-D2,D6	SS36					
1	D3	3.3V					
1	D4	5V					
1	D5	MOTOR_ON					
1	D7	5V1					
1	D8	SINAL_IN					
Sub-totals:				R\$0,00			
6 Miscellaneous							
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Manufacturer</u>	<u>ROHS Compliant</u>	<u>Supplier</u>
1	J1	VIN 9-24V			EU		
1	J2	SINAL 10-14V					
1	J3	SAIDA MOTOR					
1	J4	CONN-D9M					
1	L1	SRR1260-330M					
1	X1	8 MHZ	RES038				
Sub-totals:				R\$0,00			
Totals:				R\$0,00			