

Bill Of Materials for Projeto_Marlos

Design Title Projeto_Marlos
Author
Document Number
Revision
Design Created terça-feira, 2 de outubro de 2018
Design Last Modified segunda-feira, 8 de outubro de 2018
Total Parts In Design 47

2 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	C1,C2	100nF	CAP10

Sub-totals:

16 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
6	R1,R2,R3,R4,R10,R11	10k	RES40
2	R5,R6	330	RES40
3	R7,R8,R9	4.7k	RES40
3	R12,R13,R14	220	RES40
2	R15,R16	6.7k	RES40

Sub-totals:

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	U1,U2	LM741	DIL08
1	U3	7408	DIL14
1	U4	7404	DIL14

Sub-totals:

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	Q1,Q2	BC547	TO92/18

Sub-totals:

10 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
7	D1,D2,D3,D4,D5,D6,D7	1N4007	DIODE30
1	D8	LED-GREEN	LED
2	D9,D10	LED-RED	LED

Sub-totals:

13 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	FORTE CHAVEADA	5V	
1	J1	CH1	CONN-SIL2
1	J2	CH2	CONN-SIL2
1	J3	RESET	CONN-SIL2
1	J4	RLY CH1	CONN-SIL3
1	J5	RLY CH2	CONN-SIL3
1	J6	SIST. OK	CONN-SIL3
1	J7	100 - 240 Vca	CONN-SIL2
2	PT1,PT2	10k	PRE-VMIN
3	RL1,RL2,RL3	NTE-R22-5	RLY-NTE-A1

Sub-totals:

Totals: