



Relatório Prático

Aquecedor Inteligente

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UteSP – Sistemas Eletrónicos e Computadores

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Grupo 8

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Lista de Material

Comment	Description	Designator	Footprint	LibRef	Quantity
Transistor BC547		BC1, BC2	Transistor BC547	Transistor BC547	2
Tactil Buttom		Buttom1, Buttom2, Buttom3	Tactil Buttom	Tactil Buttom	3
10uF	Condensador	CAP1, CAP4, CAP5	Capacitor Eletro	33pF	3
10pF	Condensador	CAP2, CAP3, CAP6, CAP7	Capacitor Eletro	33pF	4
33pF	Condensador	CAP8, CAP9	Capacitor Eletro	33pF	2
100nF	Condensador	CAP10, CAP11	Capacitor Eletro	33pF	2
Dual 7Segment Display		Display1	Dual Digit Display	Dual 7Segment Display	1
Fuse Holder		Fuse1	Fuse Holder	Fuse Holder	1
Screw Header 2P		Header1	Screw Header 2 Posicoes	Screw Header 2P	1
ATmega328		IC1	ATmega328	ATmega328	1
Jack 5mm 12V		Jack1	Jack 5mm	Jack 5mm 12V	1
LED		LED1, LED2, LED3	Led_THT	LED	3
Mosfet BS170		Mosfet1	Mosfet BS170	Mosfet BS170	1
NTC		NTC1, NTC2	NTC	NTC	2
Header 3X2	Header, 3-Pin, Dual row	P1	HDR2X3	Header 3X2	1
Header 2X2	Header, 2-Pin, Dual row	P2	HDR2X2	Header 2X2	1
Res1	Resistor	R1, R2, R3, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22	AXIAL-0.3	Res1	21
Res Varistor	Varistor (Voltage-Sensitive Resistor)	R4	6-0805_N	Res Varistor	1
Regulador 12-5 7805		Reg1	Regulador 12-5 7805	Regulador 12-5 7805	1