

Bill Of Materials for Temperature

Design Title Temperature
Author
Document Number
Revision
Design Created Tuesday, September 5, 2023
Design Last Modified Saturday, October 14, 2023
Total Parts In Design 22

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	ATMEGA328P	ATMEGA328P		\$110.00
1	CRYSTAL	CRYSTAL	RES038	\$16.00
1	JACK(5V)	DC JACK		\$0.00
1	U1	7805		\$8.00
Sub-totals:				\$134.00

5 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	C1-C2	22pF	Digikey 478-1018-6-ND	\$6.00
2	C3-C4	10uF		\$1.00
1	C5	0.1uF		\$2.00
Sub-totals:				\$16.00

6 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	R1-R3	220ohm	H0R1	\$0.35
1	R4	4.7k	H0R1	\$1.25
2	R5-R6	10k	H0R1	\$0.35
Sub-totals:				\$3.00

2 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	DS18B20	DS18B20		\$18.00
1	LCD	JHD-2X16-I2C_16X2		\$110.00
Sub-totals:				\$128.00

2 Buttons

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	B0PUSH,B0SUBT	BUTTON_SWITCH_6X6		\$2.00
Sub-totals:				\$4.00

3 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	L0-BLUE	LED-BLUE		\$2.00
1	L0-GREEN	LED-GREEN		\$2.00
1	L0-RED	LED-RED		\$2.00
Sub-totals:				\$6.00

Totals: \$291.00

Monday, October 16, 2023 11:30:19 PM