

Bill Of Materials for PIDST_ENC_THERMORES_SCH

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

Sub-totals:

7 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

3	C1-C3	470n	Capacitor SMD1206
2	C5,C7	470n	El. Capacitor
2	C6,C8	47u	El. Capacitor 25V SMC-B

Sub-totals:

6 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

4	R1-R2,R5-R6	1K	RESISTOR SMD 1206
1	R3	3k7	RESISTOR SMD 1206 0.1%
1	R4	330	RESISTOR SMD 1206

Sub-totals:

3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

1	U1	ADS1115	Low-Power, 16-Bit Analog-to-Digital Converter
1	U2	74HC08	Quad 2-input AND gate SO14
1	U3	78L09	Positive-Voltage Regulator TO92

Sub-totals:

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

1	Q1	MTP10N10EL	Power MOSFET 10 Amps, 100 Volts, Logic Level
---	----	------------	--

Sub-totals:

11 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
-----------------	-------------------	--------------	--------------------

1	ARD1	ARDUINO MINI	
1	D1	1N4148	Diode TS4148
1	D2	MBRS130LT3	Diode SCHIOTTKY 1A 30V
1	EN1	ENCODER - SWITCH	
1	FU1	10A	FUSE SH22,5 + HOLDER
1	J1	TBLOCK-M2	CON PHOENIX 350
1	LCD1	SSD1306 OLED (128x64)	TFT DISPLAY 1.8 128x32
1	LED1	LED-RED	LED5mm 2mA
3	SW1-SW3		TACTILE SWITCH B3F-10XX

Sub-totals: