

Bill Of Materials for PIDST_ENC_SCH

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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Sub-totals:

8 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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6	C1-C5,C7	0.47u	CAPACITOR SMD1206
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2	C6,C8	47u	CAPACITOR POL SMC-B
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Sub-totals:

5 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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4	R1-R2,R4-R5	1K	RESISTOR SMD1206
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1	R3	330	RESISTOR SMD1206
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Sub-totals:

2 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	U1	78L09	V-REGULATOR TO92
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1	U2	ADS1115	Ultra-Small, Low-Power, 16-Bit Analog-to-Digital Converter
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Sub-totals:

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	MTP10N10EL	NFET LOGIC LEVEL TO220
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Sub-totals:

10 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	ARD1	ARDUINO MINI	
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1	D1	MBRS130LT3	DIODE SCHOTTKY SMB
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3	EN1,SW1-SW2		Rotary Encoder with Switch EC11, SWITCH B3F10XX
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1	F1	16A	FUSE 20mm+holder
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1	J1	TBLOCK-M2	CONNECTOR PFOENIX 350
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1	J2	TBLOCK-M4	CONNECTOR PFOENIX 350
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1	LCD1	SSD1306 OLED (128x64)	TFT DISPLAY 1.8
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1	LED1	LED-RED	LED 5MM 2mA
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Sub-totals: