

Bill Of Materials for zamokpicrotary

Design Title zamokpicrotary
Author
Document Number
Revision
Design Created
Design Last Modified
Total Parts In Design 38

0 Modules

Quantity	References	Value	Stock Code	Description
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Sub-totals:

6 Capacitors

Quantity	References	Value	Stock Code	Description
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2	C1-C2	47u	Digikey 399-3051-2-ND	47u 25V High Temp Radial Capacitor
4	C3-C6	1.0u	Digikey 478-1556-2-ND	CAP CERM .1uF 10% 50V X7R 1206

Sub-totals:

16 Resistors

Quantity	References	Value	Stock Code	Description
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13	R1-R10, R14-R16	1k		RESISTOR SMD1206 1K ± 1%
1	R11	10k		RESISTOR SMD1206 10K ± 1%
1	R12	47k		RESISTOR SMD1206 47K ± 1%
1	R13	470R		RESISTOR SMD1206 470R ± 1%

Sub-totals:

3 Integrated Circuits

Quantity	References	Value	Stock Code	Description
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1	U1	PIC12F675		PIC12 Microcontroller (1792B code, 128B data, Watchdog Timer, 1x8-bit & 1x16-bit Timer, 4x10-bit ADC)
1	U2	78L05		5V Fixed 100mA Positive Power Supply Regulator.
1	U3	IRM02-12		AC/DC PCB Mount Power Supply (PSU), 1 Output, 12 V, 167mA

Sub-totals:

1 Transistors

Quantity	References	Value	Stock Code	Description
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1	Q1	BC337		Silicon NPN Low Power High Frequency Bipolar Transistor (625mW, 150eC)
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Sub-totals:

5 Diodes

Quantity	References	Value	Stock Code	Description
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2	D1,D4	LED- GREEN		LED 3mm
3	D2-D3,D5	1N4007		Si - 75.0V, 0.300A, 4.00ns in DO35 package

Sub-totals:

7 Miscellaneous

Quantity	References	Value	Stock Code	Description
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1	B1	9V		AAAx6 Battery holder
2	J1-J2	TBLOCK- M3		Metric pitch terminal block
1	RL1	5V		Power relay, Non Latching, SPST-NO, 5 VDC, 5 A
2	SW1,SW3			SPST Push Button
1	SW2	CK1049	Farnell 1123694	Rotary Switch, 10 Position, 1 Pole, 36 °, 250 mA,

Sub-totals:

Totals: