

Bill Of Materails

Part Name/description	Unit Qty	Per Unit Cost	Manufacturer	Supplier	Part Number	Website Link	Datasheet Link	Reference
0.33 µF ±10% 50V Ceramic Capacitor X7R Radial	1	\$7.99	Taodan	PRLTA	N/A	website	N/A	C1
0.1 µF ±10% 50V Ceramic Capacitor X7R Radial	2	\$7.99	Taodan	PRLTA	N/A	website	N/A	C2,C3
LCD MOD 32DIG 16X2 TRANSMISV WHT	1	\$7.45	Newhaven Display Intl	Digikey	NHD-0216K1Z-NSW-BBW-L	website	datasheet link	NHD_LCD_KJ1
ENCODER INCREM QUAD VERT PC PIN	1	\$2.20	Bourns Inc.	Digikey	PEC11R-4220K-S0024	website	datasheet link	PEC11R_Rotary_Encoder_KJ1
Fuse 5x20, 3A	1	\$0.50	Littelfuse Inc.	PRLTA	0235003.MXP	website	datasheet link	F2
Fuse 5x20, 800mA	1	\$0.38	SCHURTER Inc.	PRLTA	34.1515	website	datasheet link	F1
Cartridge Fuse Holder, 5x20mm	1	\$0.72	Keystone Electronics	PRLTA	4628	website	datasheet link	N/A
Microchip PIC18F57Q43 Curiosity Nano Dev Kit	1	\$9.99	Microchip Technology	PRLTA	DM164150	website	datasheet link	CuriosotyNanoBoardKJ1
CONN PWR JACK 2X5.5MM SOLDER	1	\$0.76	Same Sky	PRLTA	PJ-102AH	website	datasheet link	J1
40 Pin (40 X 1) Header Connector	1	\$8.99	Lystaii	PRLTA	N/A	website	N/A	J5,J6
40 Pin (40 X 1) Header Connector	1	\$8.99	Lystaii	PRLTA	N/A	website	N/A	J7,J8,J9,J10,J11,J12
Resistor kit	2	\$4.99	LuminologyPro	PRLTA	LP-Resistor-01	website	N/A	R1,RV1
Resistor kit	2	\$4.99	LuminologyPro	PRLTA	LP-Resistor-01	website	N/A	R3,R4
Resistor kit	1	\$4.99	LuminologyPro	PRLTA	LP-Resistor-01	website	N/A	R5
Electronics Starter Kit	1	\$12.99	WWZMDiB	PRLTA	N/A	website	N/A	SW2
LM7805	1	\$0.50	STMicroelectronics	PRLTA	L7805CV	website	datasheet link	U1