

Category	Quantity	Reference	Value	Manufacturer	Manufacturer Part#	Digi-Key Part#	Mouser Part#	Digi-Key Price	Digi-Key Cost	Mouser Price	Mouser Cost	Mount Type	Device Package	Packaging
-	15	12	-	-	-	Currency: CAD	-	Total	\$12.15	Total	\$8.77	-	-	-
Capacitors	2	C1,C2	1.0u	TDK	FK18X7R1C105K	445-8417-ND	810-FK18X7R1C105K	\$0.500	\$1.000	\$0.186	\$0.372	Through Hole	0.1" Pitch	
Capacitors	1	C3	10u	Panasonic - ECG	ECE-A1CKA100	P807-ND	667-ECE-A1CKA100	\$0.250	\$0.250	\$0.251	\$0.250	Through Hole	1.5mm Pitch	
Connector	0	J1	ICSP	FCI	68002-205HLF	609-4303-ND	649-68002-205HLF	\$0.540	\$0.000	\$0.164	\$0.000	Through Hole	0.1" Pitch	
Connector	1	J2	USBCONN	Adam Tech	USB-B-S-RA	ED2983-ND	737-USB-B-S-RA	\$0.580	\$0.580	\$0.590	\$0.580	Through Hole	Standard USB Type B	
Connector	2	J3,J4	CONN-SIL12	FCI	68002-212HLF	609-3302-ND	649-68002-212HLF	\$0.920	\$1.840	0.426	\$0.852	Through Hole	0.1" Pitch	
Diodes	1	D1	LED	Lite-On	LTL-307GE	160-1702-ND	859-LTL-307GE	\$0.560	\$0.560	\$0.087	\$0.087	Through Hole	0.1" Pitch	
Diodes	2	D2,D3	BAT48	STMicroelectronics	BAT48	497-2512-1-ND	511-BAT48	\$0.540	\$1.080	\$0.142	\$0.284	Through Hole	0.3" Pitch	
Integrated Circuits	1	U1	MCP1702-3302E	Microchip Technology	MCP1702-3302E/TO	MCP1702-3302E/TO-ND	579-MCP1702-3302E/TO	\$0.560	\$0.560	\$0.568	\$0.560	Through Hole	0.05" Pitch	
Integrated Circuits	1	U2	PIC18F27J53	Microchip Technology	PIC18F27J53-I/SP	PIC18F27J53-I/SP-ND	579-PIC18F27J53-I/SP	\$5.320	\$5.320	\$5.090	\$5.090	Through Hole	0.1" Pitch	
Resistors	1	R1	10k	TE Connectivity	LR1F10K	S10KCACT-ND	279-LR1F10K	\$0.150	\$0.150	\$0.109	\$0.109	Through Hole	0.3" Pitch	
Resistors	1	R2	1k	TE Connectivity	LR1F1K0	S1KCACT-ND	279-LR1F1K0	\$0.150	\$0.150	\$0.109	\$0.109	Through Hole	0.3" Pitch	
Switch	2	SW1,SW2	EVQ-PF003M	Panasonic - ECG	EVQ-PF003M	P108775-ND	667-EVQ-PF003M	\$0.330	\$0.660	0.24	\$0.480	Through Hole	4.5mm Pitch	