





Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	SWITCH_2PIN		BUTTON1	1	E-Switch	TL1015AF160QG	Volume Production	Digi-Key	EG4344CT-ND	0.92	0.92
	10uF 0402 Cap		C1, C2, C5, C6	4	Murata	GRM155R60J106ME15D	Volume Production	Digi-Key	490-13238-1-ND	0.23	0.92
	100nF 0402 Cap		C3	1	Murata	GRM155R60J104KA01D	Volume Production	Digi-Key	490-6287-1-ND	0.1	0.1
	33pF 0402		C4	1	KEMET	C0402C330J9RACAUTO	Volume Production	Digi-Key	399-13709-1-ND	0.18	0.18
	4.7uF 0402		C7	1	Murata	GRM155R61A475MEAAD	Volume Production	Digi-Key	490-14306-1-ND	0.23	0.23
	Magnetci con. 2 pin		H1, H2, H3, H4, H5, H6	6							
	2 pin		H7	1							
	LED_SK6805_2427		L1, L2	2	Adafruit Industries	3484	Unknown	Digi-Key	1528-2291-ND	4.95	9.9
	2.2uH 0604		L3	1	TDK	MLZ1608A2R2WT000	Volume Production	Digi-Key	445-6385-1-ND	0.17	0.17
	10K 0402		R1, R2, R3, R4, R5, R6, R7, R10, R18	9	Vishay Beyschlag	MCS04020C1002FE000	Volume Production	Digi-Key	MCS0402-10.0K-CFCT-ND	0.254	2.54
	1K 0402		R8	1	Vishay Beyschlag	MCS04020C1001FE000	Volume Production	Digi-Key	MCS0402-1.00K-CFCT-ND	0.3	0.3
	0402 Connected Pad		R9, R17	2							
	137K 0402		R12	1	TE Connectivity	RP73PF1E137KBDT	Unknown	Digi-Key	A127524CT-ND	0.61	0.61
	820k 0402		R13	1	Yageo	RC0402FR-07820KL	Volume Production	Digi-Key	YAG3240CT-ND	0.1	0.1
	180k 0402		R14	1	TE Connectivity	3-1879216-4	Volume Production	Digi-Key	A103794CT-ND	0.5	0.5
	110K 0402		R16	1	TE Connectivity	RP73PF1E110KBDT	Unknown	Digi-Key	A127515CT-ND	0.61	0.61
	NTLUD3A50PZTAG		T1, T2, T3, T4	4	ON Semiconductor	NTLUD3A50PZTAG	Volume Production	Digi-Key	NTLUD3A50PZTAGOSCT-ND	0.85	3.4
	ATTINY1617-MN		U4	1	Microchip	ATTINY1617-MFR	Unknown	Digi-Key	ATTINY1617-MFRCT-ND	0.95	0.95
	1.27mm 3pin header		U5	1							
	TPS62240DRVVG4	Conv DC-DC 2V to 6V Synchronous Step Down Single-Out 0.6V to 6V 0.3A 6-Pin WSON EP T/R	U3	1	Texas Instruments	TPS62240DRVVR	Volume Production	Digi-Key	296-27028-1-ND	1.23	1.23
	BAT60BE6327HTSA1	Diode Schottky 10V 3A Automotive 2-Pin SOD-323 T/R	D1	1	Infineon	BAT60B	Unknown	Digi-Key	BAT60BE6327HTSA1CT-ND	0.47	0.47
	TPS3700DSER	IC COMPARATOR WINDOW	U1	1	Texas Instruments	TPS3700DSER	Volume Production	Digi-Key	296-40742-1-ND	1.84	1.84
	MCP73833T-AMI/MF	Linear Charge Management Controller Li-Ion/Li-Pol 1mA 4.2V/4.35V/4.4V/4.5V 10-Pin DFN EP T/R	U2	1	Microchip	MCP73833T-AMI/MF	Volume Production	Digi-Key	MCP73833T-AMI/MFCT-ND	0.88	0.88
	1M 0402	RES SMD 1M OHM 0.5% 1/16W 0402	R11, R15	2	Vishay Dale	CRCW04021M00DHEDP	Volume Production	Digi-Key	541-1.0MAVCT-ND	0.3	0.6