

QUANTITY/BRD	REF DES	DESCRIPTION	VENDOR	VENDOR_PN	PRICE(EA) (USD)	TOTAL
6	C1, C2, C7, C13, C15, C18	CAP CER 1UF 16V Y5V 0603	DIGIKEY	311-1372-1-ND	\$0.10	\$0.60
2	C11, C12	CAP CER 22PF 16V NP0 0603	DIGIKEY	399-9031-1-ND	\$0.10	\$0.20
1	C3	CAP CER 4.7UF 16V X5R 0603	DIGIKEY	587-2786-1-ND	\$0.38	\$0.38
1	C4	CAP CER 0.22UF 16V X7R	DIGIKEY	445-1318-1-ND	\$0.10	\$0.10
2	C5, C9	CAP CER 2.2UF 16V Y5V 0603	DIGIKEY	587-1263-1-ND	\$0.28	\$0.56
5	C6, C10, C14, C16, C17	CAP CER 0.1UF 16V X7R 0603	DIGIKEY	311-1088-1-ND	\$0.10	\$0.50
1	IC1	IC LI-ION/LI-POL CHARGER 10-SON	DIGIKEY	296-14397-1-ND	\$2.97	\$2.97
1	J1	USB-MICROB	SPARKFUN	PRT-08533	\$1.50	\$1.50
1	J3	455-1578-1-ND	DIGIKEY	455-1578-1-ND	\$0.43	\$0.43
1	JP1	3 Positions Header, Unshrouded Throughhole	DIGIKEY	952-2264-ND	\$0.15	\$0.15
1	JP2	6 Positions Header, Unshouded Throughhole	DIGIKEY	952-2121-ND	\$0.24	\$0.24
1	LED1	LED RGB DIFFUSED 0606 SMD	DIGIKEY	160-2162-1-ND	\$0.59	\$0.59
1	LED2	BLue 470nm LED Indication	DIGIKEY	160-1827-1-ND	\$0.47	\$0.47
1	LED3	Green 572nm LED Indcation	DIGIKEY	160-1828-1-ND	\$0.41	\$0.41
1	LED4	Yellow 591nm LED Indcation	DIGIKEY	160-1831-1-ND	\$0.41	\$0.41
1	R1	RES SMD 3.9K OHM 5%	DIGIKEY	311-3.9KGRCT-ND	\$0.10	\$0.10
2	R12, R13	RES SMD 22 OHM 5%	DIGIKEY	311-22GRCT-ND	\$0.10	\$0.20
3	R14, R15, R16	RES SMD 1K OHM 5% 1/10W	DIGIKEY	311-1.0KGRCT-ND	\$0.10	\$0.30
1	R2	RES SMD 10K OHM 5% 1/10W	DIGIKEY	311-10KGRCT-ND	\$0.10	\$0.10
1	R3	RES SMD 649K OHM 1% 1/10W	DIGIKEY	311-649KHRCT-ND	\$0.10	\$0.10
1	R4	RES SMD 56.2K OHM 1% 1/10W	DIGIKEY	311-56.2KHRCT-ND	\$0.10	\$0.10
1	R5	RES SMD 348K OHM 1% 1/10W	DIGIKEY	311-348KHRCT-ND	\$0.10	\$0.10
3	R6, R7, R8	RES SMD 300 OHM 5% 0.4W	DIGIKEY	RHM300KCT-ND	\$0.10	\$0.30
4	R9, R10, R11, R17	RES SMD 0.0OHM JUMPER 1/10W	DIGIKEY	311-0.0GRCT-ND	\$0.10	\$0.40
1	S1	SPDT Switch	SPARKFUN	COM-00102	\$1.50	\$1.50
1	S2	SWITCH TACTILE SPST-NO 0.05A 12V	DIGIKEY	CKN9112CT-ND	\$0.15	\$0.15
1	U1	Linear Voltage Regulator IC	DIGIKEY	296-38557-1-ND	\$0.57	\$0.57
1	U2	IC FLASH 1MBIT 50MHZ 8SO	DIGIKEY	M25P10-AVMN6TP CT-ND	\$0.43	\$0.43
1	U3	IMU ACCEL/GYRO/MAG I2C/SPI 24LGA	DIGIKEY	497-13902-1-ND	\$9.19	\$9.19
1	U5	IC DETECT VOLT PR LOBATT SOT23-6	DIGIKEY	LTC1998IS6#TRMPBFCT-ND	\$2.93	\$2.93
1	U6	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB	DIGIKEY	ATMEGA32U4-AU-ND	\$6.35	\$6.35
1	X1	8MHz ±30ppm Crystal 18pF 60 Ohm	DIGIKEY	CTX900-ND	\$0.36	\$0.36
1	BAT (external)	Lithium Ion Battery - 110mAh	SPARKFUN	PRT-13853 ROHS	\$4.95	\$4.95

<b>TOTAL COST</b>	<b>\$37.64</b>
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