

Qty	Value	Device Name	Package	Reference Designator	Description	Manufacturer	Manufacturer Part Number
1	3.7 V / 1 Ah	CONN_02PTH3	1X02_LONGPADS	LIPO_IN	Multi connection point. Often used as Generic Header-pin footprint for 0.1 inch spaced/style header connections	SparkFun Electronics	PRT-13813
1	3.5 V / 60 mA	CONN_03LOCK_LONGPADS	1X03_LOCK_LONGPADS	LED_OUT	ADDRESS LED RING SERIAL RGB	adafruit	1643
1	20.00 MHZ 10.0PF	CRYSTALPTH-HC49UV	HC49U	Y2	20MHz ±50ppm Crystal 10pF 60 Ohms 4-SMD, No Lead	EPSON	FA-238 20.0000MB-K0
2	0.1uF	0.1UF-0402-16V-10%	0402	C3, C4	0.1µF ceramic capacitors	Murata Electronics	GCM155R71C104KA55J
8	10k	10KOHM-0402-1/16W-1%	0402	R1, R2, R3, R4, R5, R6, R7, R8	10kΩ resistor	Yageo	RC0402FR-0710KL
1	10uF	10UF-POLAR-0603-6.3V-20%(TANT)	0603-POLAR	C5	10.0µF polarized capacitors	Murata Electronics	GRM155C80J106ME11D
2	22pF	22PF-0603-50V-5%	0603	C1, C2	22pF ceramic capacitors	Murata Electronics	GRM0335C1H220JA01D
1	3.3V/150mA	V_REG_MIC52053.3V	SOT23-5	U4	V_REG MIC5205 Standard 3.3V, 5V, and Adjustable 150mA LDO voltage regulator in SOT-23 layout. Micrel part MIC5205. BP (by-pass) pin is used to lower output noise with 470pF cap, may be left open. On the adjustable version BP is used to set output.	Microchip Technology	MIC5205-3.3YM5-TR
1	ADXL345	ADXL345	LGA-14	U3	Analog Devices ADXL345 3-Axis SPI/I2C 2/4/8/16g Accelerometer	Analog Devices Inc.	ADXL345BCCZ
1	ATMEGA328P_TQFP	ATMEGA328P_TQFP	TQFP32-08	U1	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 32-TQFP (7x7)	Microchip Technology	ATMEGA328PB-AUR
4	BSS138	BSS138	SOT23	Q1, Q2, Q3, Q4	BSS138 N-Channel Logic Level Enhancement Mode Field Effect Transistor	Fairchild	BSS138
1	3.75V-6V / 1000 mAh	Sparkfun Lipo Charger Plus	N/A	LIPO_CHARGE	LIPO CHARGER PLUS, USB - C Lithium Ion Charger	SparkFun Electronics	PRT-15217