

Part	Value	Package	Manufacturer	Description	Part Num	Amended Parts
C1	10uF	0603-CAP	Kemet	Capacitor	C0603C106M9PACTU	
C2	0.1UF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C3	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C4	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C5	10uF	EIA3216	AVX Interconnect / Elco	Capacitor Polarized	TAJA106K016RNJ	
C6	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C7	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C8	10uF	EIA3216	AVX Interconnect / Elco	Capacitor Polarized	TAJA106K016RNJ	
C9	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C10	4.7uF	0603-CAP	Murata	Capacitor	GRM188F51A475ZE20D	
C11	4.7uF	0603-CAP	Murata	Capacitor	GRM188F51A475ZE20D	
C12	10uF	1206-CAP	Taiyo Yuden	Capacitor	GMK316BJ106KL	
C13	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C14	0.1uF	0603-CAP	Murata	Capacitor	GCM188R71H104KA57D	
C15	22uF	0805-CAP	Taiyo Yuden	Capacitor	EMK212BBJ226MG	
D1	red	LED-0603	Kingbright	LEDs	APTD1608SURCK	
D2	50v 1A	SMA-DIODE	Fairchild Semiconductor	Diode	S1A	
J1		JST-2-SMD	JST	Mates to single-cell LiPo batteries.	S2B-PH-SM4-TB(LF)(SN)	
JP2	USB-MICROB	USB-MICROB	JAE Electronics	USB Connectors	DX4R005JJ2R1800	DX4R005H91R1500
L1	4.7uH, 1.2A	CDRH2D09	Sumida	Inductors	CDRH2D18/HPNP-4R7NC	
Q1	MMBT3904	SOT23-3	ON Semiconductor	Generic NPN BJT	MMBT3904LT1G	
R1	10K	0603-RES	Vishay Draloric	Resistor	CRCW060310K0FKEA	
R2	10K	0603-RES	Vishay Draloric	Resistor	CRCW060310K0FKEA	
R3	1K	0603-RES	Vishay Draloric	Resistor	CRCW06031K00FKEA	
R4	33	0603-RES	Vishay Draloric	Resistor	CRCW060333R0FKEA	
R5	2K	0603-RES	Vishay Draloric	Resistor	CRCW06032K00FKEA	
R6	2M	0603-RES	Vishay Draloric	Resistor	CRCW06032M00FKEA	
R7	220k	0603-RES	Vishay Draloric	Resistor	CRCW0603220KFKEA	
R8	1.2M	0603-RES	Vishay Draloric	Resistor	CRCW06031M20FKEA	
R9	220k	0603-RES	Vishay Draloric	Resistor	CRCW0603220KFKEA	
R10	470	0603-RES	Vishay Draloric	Resistor	CRCW0603470RFKEA	
U\$1	MOTOR10MM	VIBE-MOTOR-10MM	Parallax	Vibration Motor	28821	
U1	RFD22301	RFD22301	RFDuino	Bluetooth low energy board	RFD22301	
U2	VCNL4000	VCNL4000	Vishay Semiconductor	Proximity and Ambient Light sensor	VCNL4000-GS08	
U3	ADXL345	LGA14	Analog Devices	3-axis SPI/I2C 2/4/8/16g accelerometer	ADXL345BCCZ	
U4	MCP73831	SOT23-5	Microchip	Li-Polymer charging circuitry	MCP73831T-2ACI/OT	
U5	TPS61200	QFN-10_PAD	Texas Instruments	DC to DC Booster	TPS61200DRCR	
U6	ATAES132	SOIC8	Atmel	32Kb Serial EEPROM.	ATAES132-SH-ER	