

Designator	Value	Description	Manufacturer	PartNumber	Supplier	Supplier PN	Quantity
BT100	2x 1V5	Battery Support 2x1.5V type AAA	Keystone Electronics	1022	Digi-key	36-1022-ND	1
C100, C200	10 uF	Chip Capacitor, 10 uF, +/- 10%, 16 V, -55 to 85 degC, 0805 (2012 Metric), RoHS, Tape and Reel					2
C101, C201, C202, C203	100nF	CAP 100nF 16V ±20% 0805 (2012 Metric) Thickness 1.45mm SMD					4
C102	1uF	Chip Capacitor, 1 uF, 25 V, 10%, -55 to 125 degC, 0805 (2012 Metric), RoHS, Tape and Reel					1
C103		WR-COM_USB_Micro Type B_Horizontal_SMT	Würth Elektronik eiSos GmbH	629105150521	Digi-key	732-5960-1-ND	1
C104	6.8uF	CAP 6.8uF 16V ±20% 0805 (2012 Metric) Thickness 1.45mm SMD					1
C105	4.7 uF	Chip Capacitor, 4.7 uF, +/- 10%, 16 V, -55 to 85 degC, 0805 (2012 Metric), RoHS, Tape and Reel		GRM21BR61C475KA88L			1
C204, C205	22pF	Capacitor, RF, Thin-Film, 22 pF, 25 V, Accu-P Series, ± 2%, 125 °C	AVX	06033J220GBSTR	Farnell	1327595	2
D200, D201, D202	Green, Yellow, Red	LED_LOWCurrent	Kingbright	APTD20120LZGCK, APTD2012LSYCK, APTD2012LSURCK	Mouser	604-APTD2012LZGCK, 604-APTD2012LSYCK, 604-APTD2012LSURCK	3
J200		Modular Jack Horizontal Plastic 6P6C Tab Down WR-MJ	Würth Elektronik	615006143621	Distrelec	142-57-070	1
LT100		IC VREF SERIES 2.048V SOT23-6	Linear Technology	LT1790BCS6-2.048#TRMPBPF	Digi-key	LT1790BCS6-2.048#TRMPBFCT-ND	1
P200	1x3	0.025" SQ Post Header, Through-hole, Vertical, -55 to 125 degC, 2.54 mm Pitch, 3-Pin, Male, RoHS	Samtec	TSW-103-07-F-S	Digi-key	SAM8995-ND	1
Q100		P-Channel Specified Power Trench (R) MOSFET, 1.8 V, -55 to 150 degC, 3-Pin SOT, RoHS, Tape and Reel	ON Semiconductor	FDN306P	Digi-key	FDN306PCT-ND	1
Q101		HEXFET(R) Power MOSFET, N-Channel, 20 V, 1.2 A, 3-Pin SOT-23, RoHS, Tape and Reel	Infineon Technologies	IRLML2402TRBF	Digi-key	IRLML2402PBFCT-ND	1
Q102, Q200, Q201, Q202, Q203		HEXFET(R) Power MOSFET, N-Channel, 20 V, 1.2 A, 3-Pin SOT-23, RoHS, Tape and Reel	Infineon Technologies	IRLML2402TRBF	Digi-key	IRLML2402PBFCT-ND	5
Q204	8MHz	Oscillator 8MHz	IQD	LF XTAL003151	Distrelec	174-52-030	1
R100, R101, R102, R203	1k, 1k, 1k, 1kOhm	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel					4
R103	1100.00 Ohm	11k 0.125W 0805 (2012 Metric) SMD					1
R104	2200.00 Ohm	22k 0.125W 0805 (2012 Metric) SMD					1
R200	330.00 Ohm	330R 0.125W 1% 0805 (2012 Metric) SMD					1
R201, R202	750.00 Ohm	750R 0.125W 1% 0805 (2012 Metric) SMD					2
R204, R205, R206, R208	10k	Chip Resistor, 10 KOhm, +/- 1%, 0.125 W, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel					4
R207	100k	Chip Resistor, 100 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel					1
SW100, SW200, SW201, SW202, SW203		WS-TASV SMD Tact Switch 6X6 mm	Wuerth Elektronik	430152050836	Digi-key	732-6995-2-ND	5
U100		IC REG LINEAR POS ADJ 1A 16TSSOP	Maxim Integrated	MAX1793EUE33+	Digi-key	MAX1793EUE33+ND	1
U200		32-bit Microcontroller with Audio and Graphics Interface, 40 MHz, 21 I/O, PMP, -40 to 85 degC, 28-pin SSOP (SS28), Tube	Microchip	PIC32MX130F064B-I/SS	Digi-key	PIC32MX130F064B-I/SS-ND	1
U201		Buzzer 12mm piezo	TDK Corporation	PS1240P02BT	Digi-key	445-2525-3-ND	1
X200	2x10	Header 2x10					1