

Qty	Designator	Description	Manufacturer	MPN	ShortName
1	C18	Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.25pF			1.5p
2	C11, C12	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%			12p
2	C22, C23	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%			18p
2	C5, C6	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%			22p
2	C2, C8	Ceramic capacitor, SMD 0402, X7R, 25V, +/-10%			10n
1	C4	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%	Kemet	C0402C104K4RACTU	100n
12	C1, C10, C13, C16, C17, C21, C24, C25, C26, C3, C7, C9	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10%	Kemet	C0402C105K9PAC	1u
2	R15, R16	Thick film resistor, SMD 0402, 1/16W, 1%			0R
2	R3, R8	Thick film resistor, SMD 0402, 1/16W, 1%			22R
5	R1, R10, R5, R6, R7	Thick film resistor, SMD 0402, 1/16W, 1%			470R
6	R12, R13, R14, R2, R4, R9	Thick film resistor, SMD 0402, 1/16W, 1%			10k
1	L1	SMD RF inductor 0805. Z=1000Ohm (@100MHz), Max	Murata	BLM21AG102SN1D	BLM21AG102SN1D
1	Q1	General purpose SMD small signal BJT transistor.	Philips	BC847W	BC847W
1	U5	USB Port Transient Suppressor, SMD DSBGA	Texas Instruments	SN65220YZBR	SN65220YZBT
1	U1	AVR 8-bit RISC MCU with USB, QFN64 package	ATMEL	AT90USB1287-16MU	AT90USB1287-16MU
1	U2	2.4GHz ZigBee/802.15.4 tranceiver	ATMEL	AT86RF230-ZU	AT86RF230-ZU
1	U3	2kbit Serial (TWI) EEPROM, AT24C02B, 1.8-5V	ATMEL	AT24C02B-TSU-T	AT24C02B-TSU-T
1	U4	LDO 3.3V 150mA SOT23-5 (cer. cap)	Texas Instruments	LP2985A-33DBV	LP2985A-33DBV
1	XC1	16MHz uXtal GSX-323, 2.0 x 2.5 mm SMD 10ppm	Golledge	GSX-323/111BF 16.0MHz	16MHz
1	XC2	8.0MHz Xtal GSX-752, 7 x 5 mm SMD 50ppm	Golledge	GSX-752B/551EF 8MHz	8MHz GSX-752
1	PCB1	RZUSBStick PCB	ATMEL	A08-0384	A08-0384
1	J2	USB type A plug, SMD	SAMTEC	USB-AM-S-F-B-SM1-R	USB type A plug
1	D2	LED, Red, Wave length=639nm, SMD 0805, ±70°	Everlight	EL17-21USRC	EL17-21USRC
1	D3	LED, Green, Wave length=575nm, SMD 0805, ±70°	Everlight	EL17-21SYGC	EL17-21SYGC
1	D4	LED, Yellow, Wave length=591nm, SMD 0805, ±70°	Everlight	EL17-21UYC/A2	EL17-21UYC/A2
1	D1	LED, Blue, Wave length=430nm, SMD 0805, ±70°	Everlight	EL17-21UBC	EL17-21UBC