

Qty	Designator	Description	Manufacturer	MPN	ShortName
5	C205, C206, C207, C220, C221	Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.25pF			1.2p
2	C201, C204	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%			12p
3	C413, C414, C415	Ceramic capacitor, SMD 0402, NP0, 50V, +/-10%			100p
1	C404	Ceramic capacitor, SMD 0402, X7R, 25V, +/-10%			4.7n
	C208, C301, C405, C407, C408, C409, C410, C411, C412, C416,				
14	C417, C420, C421, C503	Ceramic capacitor, SMD 0402, X7R, 25V, +/-10%			10n
2	C502, C504	Ceramic capacitor, SMD 0805, Y5V, 10V, -20/+80 %			4.7u
	C211, C212, C213, C214, C215, C303, C304, C305, C306, C307,				
12	C418, C501	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%	Kemet	C0402C104K4RACTU	100n
10	C202, C203, C209, C210, C302, C401, C402, C403, C406, C505	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10%	Kemet	C0402C105K9PAC	1u
4	R201, R208, R209, R415	Thick film resistor, SMD 0402, 1/16W, 1%			0R
7	R203, R306, R425, R427, R428, R430, R434	Thick film resistor, SMD 0402, 1/16W, 1%			470R
5	R303, R401, R404, R405, R417	Thick film resistor, SMD 0402, 1/16W, 1%			1k
1	R502	Thick film resistor, SMD 0402, 1/16W, 1%			1.5k
7	R304, R411, R412, R413, R414, R432, R435	Thick film resistor, SMD 0402, 1/16W, 1%			3k
1	R410	Thick film resistor, SMD 0402, 1/16W, 1%			3.3k
	R202, R206, R210, R211, R212, R301, R302, R307, R402, R406,				
17	R407, R408, R421, R422, R423, R424, R503	Thick film resistor, SMD 0402, 1/16W, 1%			10k
1	R305	Thick film resistor, SMD 0402, 1/16W, 1%			47k
10	R308, R309, R310, R409, R416, R419, R426, R429, R501, R504	Thick film resistor, SMD 0402, 1/16W, 1%			100k
3	R403, R418, R420	Thick film resistor, SMD 0402, 1/16W, 1%			470k
1	R431	NTC Thermistor 100kOhm @ 25deg,1/10W, 5%, SMD 0603	Murata	NCP18WF104J03RB	NCP18WF104J03RB
		SMD RF inductor 0805, Z=30Ohm (@100MHz), Max			
2	L401, L402	R(dc)=0.03Ohm, Max current=3000mA	Murata	BLM21PG300SN1D	BLM21PG300SN1D
		SMD RF inductor 0805, Z=1000Ohm (@100MHz), Max			
2	L201, L501	R(dc)=0.45Ohm, Max current=200mA	Murata	BLM21AG102SN1D	BLM21AG102SN1D
2	L202, L203	RF Inductor, 2.7nH, 0,17ohm, 300mA, 0402	Johanson Technology	L-07C2N7SV6T	2,7nH RF Inductor, L-07C2N7SV6T
3	D401, D403, D408	Dual schottky diode, If:30mA Vf: 0.5V Vrrm:40V	ST	BAT54SWFILM	BAT54S
1	D501	Dual Schottky diode, If:200mA, Vf:0.32V, Vrrm:30V, SOT323	Philips	1PS70SB15	1PS70SB15
		Bidirectional Transient suppression diode, 600W, V(rm)=10.1V, I(rm)=1uA (at Vrm), V(br)=12V, V(cl)=16.7V (at Ipp =36A), SMD			
		(SMB package)	ST	SM6T12CA	SM6T12CA
1	D404	General purpose SMD BJT dual NPN-PNP	Philips	BC847BPN	BC847BPN
1	Q501	16-megabit 2.7-3.6 volt DataFlash	ATMEL	AT45DB161D-SU	AT45DB161D-SU
1	U303	2.4GHz ZigBee/802.15.4 tranceiver	ATMEL	AT86RF230-ZU	AT86RF230-ZU
1	U201	2kbit Serial (TWI) EEPROM, AT24C02B, 1.8-5V	ATMEL	AT24C02B-TSU-T	AT24C02B-TSU-T
1	U203	LDO 3.3V 150mA SOT23-5 (cer. cap)	Texas Instruments	LP2985A-33DBV	LP2985A-33DBV
1	U501	LMV934MT 1V8 Quad OPAMP TSSOP14	National Semiconductor	LMV934MT	LMV934MT
1	U402	AVR 8-bit RISC MCU	ATMEL	ATmega1284PV-10MU	ATmega1284PV-10MU
1	U204	AVR 8-bit RISC MCU	ATMEL	ATmega3290PV-10AU	ATmega3290PV-10AU
1	U301	TS2007 3W class D audio amp, 4 ohm 2.4-5.5Vcc	ST	TS2007IQT	TS2007IQT
1	U403	32.768kHz SMD crystal, 85SMX style	Rakon Ltd	LF XTAL016207	LF XTAL016207
2	XC202, XC301	PC board speaker, SMD mount	Veco Vansonic	20CS08KQ-150ND	20CS08KQ-150ND
1	SP401	16MHz uXtal GSX-323, 2.0 x 2.5 mm SMD 10ppm	Golledge	GSX-323/111BF 16.0MHz	16MHz
1	XC201	Citizen 4.2x4.2mm SMD electmic	Citizen	CHM-04C-03	Citizen SMD Microphone
1	U401	ALPS 4-directional switch with center push function	ALPS	SKRHABE010	SKRHABE010
1	SW301	AVR Raven PCB		A08-0402	A08-0402
1	PCB101	LR44 battery clip, SMD	Keystone Corp.	2996TR	LR44 battery clip
2	J501, J502	1x3 pin header, 2 mm pitch, THM	SAMTEC	TMM-103-01-L-S	1x3 pin header, 2 mm pitch, THM
1	J503	Jumper cap for 2.00mm pinheader	SAMTEC	2SN-BK-G	2SN-BK-G
1	JS501	Safety pin, self-fasten	RICH ANDVORD AS	U562246	U562246
1	M101	Label 30x5mm	Grafokett AB		10126 Label 30x5mm
1	M102	LR44 coin-cell battery			LR44 battery
2	BT501, BT502	LED, Red, SMD 0603	Lumex	SML-LX0603SRW-TR	SML-LX0603SRW-TR
1	D301	AVR Raven LCD	Orient Display	0710091B	AVR Raven LCD
1	U302				