

Fitted	Designator	Quantity	MPN	Manufacturer	Value	Description	Comment
Fitted	A1	1	2450AT45A100	Johanson Technology	2450AT45A100	2450AT45A100 Chip Antenna	2450AT45A100
Fitted	B100	1	2450BM15A0015E	Johanson Technology	2450BM15A0015E	Filtered Balun to match AT86RF232/ 233 (35288)	new part development in cooperation ATMEL/ JTI
Fitted	C1, C9	2	C0402C104K4RACTU	Kemet	100n	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%	CAP-NONPOL
Fitted	C2, C10	2	0603YD105KAT2A	AVX	1uF	CAP CER 10F 16V 10% X5R 0603	CAP-NONPOL
Fitted	C3	1	CBR02C229C9GAC	Kemet	2.2 pF	CAP CER 2.2PF 6.3V NP0 0201	CAP-NONPOL
Fitted	C8, C11, C200, C207	4	GRM0335C1E100JA01D	Murata	10 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +0.25pF	replacement for A01-0315
Fitted	C12	1			1.5 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +0.1pF	CAP-NONPOL
Fitted	C13	1			1 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +0.1pF	CAP-NONPOL
Fitted	C201	1	T491A475K010AT	Kemet	4.7uF/ 10V	SMD tantalum capacitor, ESR = 5, 3216-18 (EIA) 1206, polarized	CAP-POL
Fitted	C202, C203, C204, C205, C206, C208	6	C0201C104K9PACTU	Kemet	100n	CAP CER 0.10F 6.3V 10% X5R 0201	CAP-NONPOL
Fitted	J1	1	CL358-150-5-01	HIROSE	MS147	Interrace RF Connector with Switch,	50 per reel
Fitted	L3	1	L-05B5N6SV6T	Johanson Technology	5.6nH	ceramic chip inductor, 5.6nH, 0201	ceramic chip inductor, 5.6nH, 0201
Fitted	L200, L201	2	BLM15BB221SN1	Murata	BLM15BB221SN1	SMD RF inductor 0402, Z=220Ohm (@100MHz), Max R(dc)=0.80Ohm, Max current=200mA	INDUCTOR
Fitted	LABEL1	1	505494	ACT Logimark AS	Label ZigBit Shield	ZigBit identification label. 15x10mm fireproof label w/blue Atmel logo	HT_PCBA_LABEL
Fitted	PCB200	1			ZigBit Xmega 2.4GHz board PCB	ZigBit Xmega 2.4GHz board PCB	PCB
Fitted	Q1	1	TSX-3225 16.0000MF09Z-AC3	Epson Toyocom	16.0MHz	16MHz uXtal, 3.2 x 2.5 mm SMD, CL=9pF, 15PPM, ESR=80ohm(Max)	TSX-3225
Fitted	R1	1	RC0201JR-07680RL	YAGEO CORP	680R	RES 680 OHM 1/20W 5% 0201 SMD	RES 680 OHM 1/20W 5% 0201 SMD
Fitted	R200	1	RC0201JR-07100KL	YAGEO CORP	100K	RES 100K OHM 1/20W 5% 0201 SMD	R2
Fitted	U1	1	AT86RF233-ZU	ATMEL	AT86RF233-ZU	2.4GHz Transceiver	AT86RF231
Fitted	U200	1	ATxmega256A3U-MH	ATMEL	ATxmega256A3U-MH	AVR xmega device with USB	QFN version
Fitted	XC200	1	FC-135 32.768 kHz	Epson Toyocom	FC-135 32.768 kHz	FC-135 32.768 KHz 20ppm 12.5pF Load Cap	Alternate part for A07-0041
Fitted	Z200	1	ATZB-X-0-256-3-0-C	ATMEL	ATZB-X-0-256-3-0-C	ZigBit with ATxmega256A3U and AT86RF233	ATZB-X-0-256-3-0-C
Fitted	Z201	1			EMI Shield	EMI Shield	EMI_SHIELD