Fitted	Designator	Quantity	MPN	Manufacturer	Value	Description	Comment
Fitted	A1	1	2450AT42B100	Johanson Technology	2450AT42B100	2.4 GHz Antenna	2450AT42B100
Fitted	B1	1	2450BM15A0015E	Johanson Technology	2450BM15A0015E	Filtered Balun to match AT86RF232/ 233 (35288)	New part development in cooperation ATMEL/ JTI
Fitted	C1, C6, C7, C8, C9, C10	6	C0201C104K9PACTU	Kemet	100n	CAP CER 0.1UF 6.3V 10% X5R 0201	CAP-NONPOL
Fitted	C2, C3	2	0603YD105KAT2A	AVX	1uF	CAP CER 1UF 16V 10% X5R 0603	CAP-NONPOL
Fitted	C4, C11, C13, C14	4	GRM0335C1E100JD01D	Murata	10 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +-0.25pF	CAP-NONPOL
Fitted	C12	1	T491A475K010AT	Kemet	4.7uF/ 10V	SMD tantalum capacitor, ESR = 5, 3216-18 (EIA) 1206, polarized	CAP-POL
Fitted	J1	1	CL358-150-5-01	HIROSE	MS147	Interface RF Connector with Switch,	50 per reel
Fitted	L1	1	BLM15BB221SN1	Murata	BLM15BB221SN1	SMD RF inductor 0402. Z=220Ohm (@100MHz), Max R(dc)=0.80Ohm, Max current=200mA	INDUCTOR
Fitted	L2	1	L-07C6N2SV6T	Johanson Technology	6.2nH RF Inductor, L-07C6N2SV6T	RF Inductor, 6.2nH, 0,3ohm, 300mA, 0402	INDUCTOR
Fitted	L4	1	L-07C5N6SV6T	Johanson Technology	5.6nH RF Inductor	RF Inductor, 5.6nH, 0,270ohm, 300mA, 0402	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	PCB1	1	A08-1569	NCAB	ZigBit XmegaRFR2 board PCB	ZigBit XmegaRFR2 board PCB	PCB Prepeg material- S1000B; Core material- S1000
Fitted	PCBA	1		ESCATEC	Zigbit 256RFR2 PCBA Document	Zigbit 256RFR2 PCBA Document	DOCUMENTATION
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	Q2	1	FC-135 32.768 kHz	Epson Toyocom	FC-135 32.768 kHz	FC-135 32.768 kHz 20ppm 12.5pfFLoad Cap	Alternate part for A07-0041
Fitted	R1	1	RC0201JR-07100KL	YAGEO CORP	100K	RES 100K OHM 1/20W 5% 0201 SMD	R2
Fitted	R2, R3	2	MCR006YZPJ103+	ROHM	10 k	Thick film resistor, SMD 0201, 1/ 20W, 5%	Copy of A02-0535
Fitted	TEST PROCEDURE	1			ZigBit 256RFR2 Production test procedure	Production test instruction for A09-1732	TESTDOC
Fitted	TEST SW	1			ZigBit 256RFR2 test SW	Production test SW for A09-1732	TEST
Fitted	U1	1	ATMEGA256RFR2ZU	ATMEL	ATMEGA256RFR2ZU	AVR Microcontroller with Low Power 2.4GHz Transceiver for IEEE 802.15.4 (de35289)	ATmega256RFR2
Fitted	Z2	1			EMI Shield	EMI Shield	EMI_SHIELD
Not Fitted	L3	0	HK10052N2S-T	Taiyo Yuden	2.2nH	Chip Inductor, 0.13Ohm, 30	