

Fitted	Designator	Quantity	MPN	Manufacturer	Value	Description	Comment
Fitted	B1	1	2450BM15A0015E	Johanson Technology	2450BM15A0015E	Filtered Balun to match AT86RF232/ 233 (35288)	New part development in cooperation ATMEL/ JTI
Fitted	C1, C9, C10, C11, C12, C14	6	C0201C104K9PACTU	Kemet	100n	CAP CER 0.1uF 6.3V 10% X5R 0201	CAP-NONPOL
Fitted	C2, C3, C6, C7	4	GRM0335C1E100JA01D	Murata	10 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +/- 0.25pF	replacement for A01-0315
Fitted	C4, C5	2	0603YD105KAT2A	AVX	1uF	CAP CER TUF 16V 10% X5R 0603	CAP-NONPOL
Fitted	C8	1	GJM0335C1E3R0CB01D	Murata	3 pF	Ceramic capacitor, SMD 0201, C0G, 25V, +/-0.25pF	CAP-NONPOL
Fitted	C13	1	T491A475K010AT	Kemet	4.7uF/ 10V	SMD tantalum capacitor, ESR = 5, 3216-18 (EIA) 1206, polarized	CAP-POL
Fitted	E1	1			FIDUCIAL 1.5mm	Fiducial point for PCB coordinates 1.5mm pad and 3mm hole in mask	FIDUCIAL
Fitted	FIXTURE1	1	Xplained PRO MCU board Jupiter Test Fixture	ESCATEC	Xplained PRO MCU board Jupiter Test Fixture	Xplained PRO MCU board Jupiter Test Fixture	JIG
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	LQP03TN3N3C00D	Murata	3.3nH	Chip Inductor, 3.3 nH, +/- 0.2nH, 0201	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	P1	1	U.FL-R-SMT-1(10)	HIROSE	U.FL-R-SMT-1(10)	UFL (Small Coax Connector)	Copy of A08-0629
Fitted	PCB1	1			ZigBit XmegaRFR2 board PCB	ZigBit XmegaRFR2 board PCB	PCB
Fitted	Q1	1	FC-135 32.768 kHz	Epson Toyocom	FC-135 32.768 kHz	FC-135 32.768 kHz 20ppm 12.5pfLoad Cap	Alternate part for A07-0041
Fitted	Q2	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-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	U1	1	ATMEGA256RFR2ZU	ATMEL	ATMEGA256RFR2ZU	AVR Microcontroller with Low Power 2.4GHz Transceiver for IEEE 802.15.4 (de35289)	ATmega256RFR2
Fitted	Z1	1					ZB_RFR2_OUTLINE
Fitted	Z2	1			EMI Shield	EMI Shield	EMI_SHIELD