

FCC ID: VW4A092007
IC ID: 11019A-092007

Fitted	Designator	Quantity	MPN	Manufacturer	Value	Description	Comment
Fitted	A1	1	CM05CG220J50AH	Kyocera-elco	1mmFR4 SlotAntenna	vertical polarized diversity element	place according to A08-1465
Fitted	A2	1	CM05CG220J50AH	Kyocera-elco	1mmFR4 F-Antenna	horizontal diversity element	place according to A08-1465
Fitted	B1	1	2450BM15A0015E	Johanson Technology	2450BM15A0015E	Filtered Balun to match AT88	New part development in cooperation ATMEL/JTI
Fitted	C1, C3, C6, C12, C13, C14,	8	GRM155R71C104KA88	Murata	100nF	Ceramic capacitor, SMD 040	CAP-NONPOL
Fitted	C2, C17	2			4.7n	Ceramic capacitor, SMD 040	CAP-NONPOL
Fitted	C4, C7, C9, C11	4	GRM0335C1E100JA01E	Murata	10 pF	Ceramic capacitor, SMD 020	replacement for A01-0315
Fitted	C5, C8	2	GRM155R60J105KE19E	Murata	1.0uF	Ceramic capacitor, SMD040	CAP-NONPOL
Fitted	C10	1	GRM1555C1H2R2CZ01	Murata	2.2pF	Ceramic capacitor, SMD 040	CAP-NONPOL
Fitted	C16	1	GRM319R60J106KE19	Murata	10uF	Ceramic capacitor, SMD 120	CAP-NONPOL
Fitted	C100, C101	2	GRM155R60J475ME87D	Murata	4.7uF	Ceramic capacitor, SMD 040	Recommended by Escatec. No datasheet available yet.
Fitted	D1	1	EL17-21USRC	Everlight	EL17-21USRC	LED, Red, Wave length=639	LED, 12
Fitted	D2	1	EL17-21UYC/S530-A3/TR8	Everlight	EL17-21UYC/A3	LED, Yellow, Wave length=5	LED, 12
Fitted	D3	1	EL17-21SYGC	Everlight	EL17-21SYGC	LED, Green, Wave length=5	LED, 12
Fitted	D200	1	BAT54XV2T1G	ON Semiconductor	BAT54XV2T1G	Schottky diode, If:200mA, V	Farnell# 1615809
Fitted	E1, E2	2	SJ-5076	3M	SJ-5076	2.8mm adhesive feet,diam 8	
Fitted	J1, J3	2	HMTSW-110-23-F-S-237	SAMTEC	HMTSW-110-23-F-S-237	1x10 pin header, 2.54mm pitch	J2
Fitted	J2	1	STL21-0730 G TT-10U	Garry	PIN HEADER 2x5	2x5 pin header, 1.27mm pitch	HEADER 2x5
Fitted	J4, J5, J6	3	HMTSW-102-23-F-S-237	SAMTEC	HMTSW-102-23-F-S-237	1x2 pin header, 2.54mm pitch	HEADER 1x2
Fitted	J100	1	F201-2*10RGF-W2-NF	Pro-data International Corp	TF201-2*10RGF-W2-NF	2x10, female pin header recept	
Fitted	JS1	1	SNT-100-BK-G	SAMTEC	SNT-100-BK-G	Jumper cap for 2.54mm pitch	To be used by request from ESCATEC
Fitted	L1, L2	2	BLM18PG471SN1	Murata	BLM18PG471SN1	SMD RF inductor 0603, Z=4	INDUCTOR
Fitted	LABEL1	1	505462	ACT Logimark AS	Label PCBA with MAC64 and	Label for use on wireless PC	PCBA- LABEL
Fitted	PCB1	1				RCB256RFR2-XPRO PCB	PCB
Fitted	PCBADOC1	1		ESCATEC	RCB256RFR2-XPRO Extension	RCB256RFR2-XPRO Extension	PCBADOC
Fitted	Q1	1	TSX-3225 16.0000MF09	Epson Toyocom	16.0MHz	16MHz uXtal, 3.2 x 2.5 mm	TSX-3225
Fitted	Q2	1	IRLML6402PBF	International Rectifier	IRLML6402	P-ch. MOSFET, -30V, -3.7A	MOSFET, P, GSD
Fitted	R1, R6, R100	3			100k	Thick film resistor, SMD 040	R2
Fitted	R2, R10	2			39R	Thick film resistor, SMD 040	R2
Fitted	R3, R5	2	MCR006YZPJ103+	ROHM	10 k	Thick film resistor, SMD 020	Copy of A02-0535
Fitted	R4	1	RC1005F 4700CS	Samsung	470R	Thick film resistor, SMD 040	RES
Fitted	R7, R8, R9	3			680R	Thick film resistor, SMD 040	R2
Fitted	SW1, SW2	2	SKRAAKE010	ALPS	SKRAAKE010	6.2x6.2 mm SMD tact switch	Can be ordered in low volumes from Mouser
Fitted	TEST1	1				RCB256RFR2-XPRO Test In	TEST
Fitted	TESTDOC1	1				RCB256RFR2-XPRO Test In	TESTDOC
Fitted	U1	1	AS222-92	SKYWORKS SOLUTIONS	AS222-92	PHEMT SPDT Analog SWIT	AS222-92
Fitted	U2	1	ATMEGA256RFR2-ZU	ATMEL	ATMEGA256RFR2-ZU	AVR Microcontroller with Lo	Atmega256RFR2
Fitted	U200	1	ATSHA204-TSU-T	ATMEL	ATSHA204 SWI SOT23-3	ATSHA204 with 1-wire interf	
Fitted	X1	1	CL358-150-5-06	HIROSE	MS-147	Interface RF Connector with	Pin A and C orientation is difficult to recognize
Fitted	XC1	1	FC-135 32.768 kHz	Epson Toyocom	FC-135 32.768 kHz	FC-135 32.768 kHz 20ppm	Alternate part for A07-0041
Not Fitted	E3, E4	0			FIDUCIAL 1.5mm	Fiducial point for PCB coord	
Not Fitted	FR1	0	LT11BH2611F	Laird Technologies	Shield 20x20 / Frame	SMT frame for metal shield	
Not Fitted	SH1	0	LT11BH2611C	Laird Technologies	Shield 20x20 / Cover	Snap in cover for metal shield	
Not Fitted	TP1, TP2, TP3	0			TESTPAD	Single SMD testpad	