

Item	QTTY	Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
1	2	C1, C12	Capacitor 47pF 0402 NPO	PhyComp(Yageo)	223886915479	Flint	2238-869-15479	.
2	1	C2	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	223878715636	Farnell InOne	301-9275	.
3	6	C3, C6-7, C14-16	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR	.
4	2	C10,C11	Capacitor 15pF 0402 COG	KEMET	C0402C150J5GACTU	Farnell InOne	1414577	.
5	1	C13	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814	.
6	1	L1	Inductor 5.6nH	muRata	LQP15MN5N6B02	Farnell InOne	1515368	.
7	1	L2	Inductor 2.7nH	muRata	LQP15MN2N7B02	Farnell InOne	1404732	.
8	1	Q1	Transistor, N Channel MOSFET, BSH103	NXP	BSH103	Farnell InOne	1081307	.
9	1	R1	Resistor 43K 0402 1%	PhyComp(Yageo)	232270674303	Farnell InOne	145-8795	.
10	1	U1	IC JN5142	NXP	JN5142	NXP	JN5142	.
11	1	U2	IC Serial 3V Flash SMD M25P10-AVMN6P	Numonyx	M25P10-AVMN6P	Farnell InOne	866-1308	.
12	1	Y1	Crystal SMD 32 MHz	AEL	X32M000000S039A	AEL	X32M000000S039A	.

Revision	Date	Assembly	Description
1.1.1	20/01/2012	DR1149	JN5142 Integrated Antenna Module

Item	QTTY	Component Reference (Second Source)	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
1	2	C1, C12	.	.	.	.	.	.
2	1	C2	.	.	.	.	.	.
3	6	C3, C6-7, C14-16	.	.	.	.	.	.
4	2	C10,C11	.	.	.	.	.	.
5	1	C13	.	.	.	.	.	.
6	1	L1	.	.	.	.	.	.
7	1	L2	.	.	.	.	.	.
8	1	Q1	.	.	.	.	.	.
9	1	R1	.	.	.	.	.	.
10	1	U1	.	.	.	.	.	.
11	1	U2	.	.	.	.	.	.
12	1	Y1	Crystal 32 MHz (extended temp)	EPSON TOYOCOM	X1E000021016700	ACAL	TSX-3225 32MHz	.

Revision	Date	Assembly	Description
1.1.1	20/01/2012	DR1149	JN5142 Integrated Antenna Module