

Item	QTTY	Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part
1	14	, C6-7, C10, C12, C14, C16-17, C27, C31, C39, C4	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR
2	5	C2, C4, C9, C18-19	Capacitor 47pF 0402 NPO	PhyComp(Yageo)	223886915479	Flint	2238-869-15479
3	13	C13, C15, C21-22, C24-25, C28-29, C37, C40-41,	Capacitor 15pF 0402 COG	KEMET	C0402C150J5GACTU	Farnell InOne	1414577
4	1	C5	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814
5	2	C47, C50	Capacitor 100pF 0402 COG	ROHM	MCH155A101J	Flint	MCH155A101J
6	2	C8, C23	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	223878715636	Farnell InOne	301-9275
7	1	C34	Capacitor 1pF 0402 NPO	PhyComp(Yageo)	223886915108	Farnell InOne	3019-100
8	2	C26, C30	Capacitor 10pF 0402 NPO	PhyComp(Yageo)	2238 869 15109	Farnell InOne	3019-160
9	1	C43	Capacitor 2.2uF 0603 X5R	Murata	GRM188R61C225KE15	DigiKey	GRM188R61C225KE15
10	1	C32	Capacitor 4.7pF 0402 NPO	PhyComp(Yageo)	223886915478	RS	456-8617
11	2	C36, C38	Capacitor 5.6pF 0402 NPO	AVX	04025U5R6CAT2A	Farnell InOne	7568-088
12	1	C49	Capacitor 0.5pF 0402 COG	Murata	GRM1555C1HR50C	DigiKey	GRM1555C1HR50C
13	1	R1	Resistor 43K 0402 1%	PhyComp(Yageo)	232270674303	Farnell InOne	145-8795
14	1	R5	Resistor 22K 0402 1%	PhyComp(Yageo)	232270570223	Farnell InOne	9232-923
15	2	R3, R4	Resistor 47R 0402 1%	Tyco	CRG0402J47R-10	Farnell InOne	1174-145
16	1	R9	Resistor 2R2 0402 1%	PhyComp(Yageo)	232270672208	Flint	2322-706-72208
17	1	R6'	Resistor 10R 0402 1%	PhyComp(Yageo)	232270671009	Farnell InOne	923-8999
18	1	L1	Inductor 5.6nH	muRata	LQP15MN5N6B02	Farnell InOne	1515368
19	1	L7	Inductor 1.8nH	Taiyo Yuden	HK10051N8S-T	Farnell InOne	6581298
20	1	L10	Inductor 100nH	Taiyo Yuden	HK1005R10J-T	Farnell InOne	1653734
21	1	L6	Inductor 10nH	Taiyo Yuden	HK100510NJ-T	Farnell InOne	6581304
22	2	L2, L8	Inductor 2.7nH	muRata	LQP15MN2N7B02	Farnell InOne	1404732
23	1	L4	Inductor 3.3nH	Taiyo Yuden	HK10053N3S-T	Farnell InOne	6581389
24	1	L5	Inductor 33nH	Taiyo Yuden	HK100533NJ-T	Farnell InOne	6581407
25	1	Q1	Transistor, RF, NPN, BFP405	Infineon	BFP405	Farnell InOne	105-6518
26	1	Y1	Crystal SMD X32M000000S025 32 MHz	AEL	X32M000000S025	AEL	X32M000000S025
27	1	U9	UFL Connector	Hirose	CL331-0471-0-10	Hirose	CL331-0471-0-10
28	1	U3	JN5148-T01	NXP	JN5148-T01	NXP	JN5148-T01
29	1	U1	IC Serial 3V Flash SMD M25P40-AVMN6PB	Numonyx	M25P40-VMN6PB	Farnell InOne	988-2871
30	1	U2	IC Invertor 74AHC1G04	NXP	74AHC1G04GW/T1	Farnell InOne	1085239
31	1	U8	74AHCT1G08 Logic single gate	NXP	74AHCT1G08GW/T1	Farnell InOne	1085-246
32	1	U7	IC Power Amp 2.4GHz	SiGe Semiconductor	PA2423L	SiGe Semiconductor	PA2423L
33	1	U6	Filter Band Pass 2450MHz 25dB	Soshin Electric Co Ltd	MDR774M	Soshin Electric Co.Ltd	MDR774M
34	2	U4, U5	IC MMIC SW SPDT SC-70-6P	Skyworks	AS179-92LF	Skyworks	AS179-92LF
35	0	C20, C33, C35, R2, R6, L9	Parts Not To Be Fitted

Revision	Date	Assembly	Description
1.0.1	31/03/2009	DR1112	JN5148 HP Module