

Item	QTY	Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part
1	16	C1-4, C6-8, C10, C12, C17, C18, C27, C31, C39, C42, C46	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR
2	1	C16	Capacitor 330pF 0402 COG	Murata	GRM1555C1H331JA01	Murata	GRM1555C1H331JA01
3	1	C19	Capacitor 3.3nF 0402 X7R	PhyComp	223858715629	Flint	2238-587-15629
4	15	C11, C13, C15, C21, C22, C24, C25, C28, C29, C37, C40, C41, C44, C45, C48	Capacitor 15pF 0402 COG	ROHM	MCH155A150J	Flint	MCH155A150J
5	1	C5	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814
6	2	C47, C50	Capacitor 100pF 0402 COG	ROHM	MCH155A101J	Flint	MCH155A101J
7	1	C23	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	223878715636	Farnell InOne	301-9275
8	1	C34	Capacitor 1pF 0402 NPO	PhyComp(Yageo)	223886915108	Farnell InOne	3019-100
9	2	C26, C30	Capacitor 10pF 0402 NPO	PhyComp(Yageo)	2238 869 15109	Farnell InOne	3019-160
10	1	C43	Capacitor 2.2uF 0603 X5R	Murata	GRM188R61C225KE15	DigiKey	GRM188R61C225KE15
11	1	C32	Capacitor 4.7pF 0402 NPO	PhyComp(Yageo)	223886915478	RS	456-8617
12	2	C36, C38	Capacitor 0.5pF 0402 COG	AVX	04025U5R6CAT2A	Farnell InOne	7568-088
13	1	C49	Resistor 4K7 0402 1%	Murata	GRM1555C1HR50C	DigiKey	GRM1555C1HR50C
14	1	R2	Resistor 4K7 0402 1%	PhyComp(Yageo)	232270674702	Flint	MICRO1MZSEF4701
15	1	R1	Resistor 43K 0402 1%	PhyComp(Yageo)	232270674303	Farnell InOne	145-8795
16	1	R5	Resistor 22K 0402 1%	PhyComp(Yageo)	232270570223	Farnell InOne	9232-923
17	2	R3, R4	Resistor 47R 0402 1%	Tyco	CRG0402J47R-10	Farnell InOne	1174-145
18	1	R9	Resistor 2R2 0402 1%	PhyComp(Yageo)	232270672208	Flint	2322-706-72208
19	1	R6'	Resistor 10R 0402 1%	PhyComp(Yageo)	232270677009	Farnell InOne	923-8999
20	1	L7	Inductor 1.8nH	Taiyo Yuden	HK10051N8S-T	Farnell InOne	6581298
21	1	L10	Inductor 100nH	Taiyo Yuden	HK1005R10J-T	Farnell InOne	1653734
22	1	L6	Inductor 10nH	Taiyo Yuden	HK100510NJ-T	Farnell InOne	6581304
23	1	L8	Inductor 2.7nH			0	LGHK1005 2N7S-T
24	1	L4	Inductor 3.3nH	Taiyo Yuden	HK10053N3S-T	Farnell InOne	6581389
25	1	L5	Inductor 33nH	Taiyo Yuden	HK100533NJ-T	Farnell InOne	6581407
26	1	Q1	Transistor, RF, NPN, BFP405	Infineon	BFP405	Farnell InOne	105-6518
27	1	T1	Balun TDK HHM1521	TDK	HHM1521	TDK	HHM1521
28	1	Y1	Crystal SMD TSX-10A (TSX-4025 TN4-25820)	Toyocom	TN4-25820	Toyocom	TSX-10A 16MHz
29	1	U9	UFL Connector	Hirose	CL331-0471-0-10	Hirose	CL331-0471-0-10
30	1	U3	JN5139-T01	Jennic	JN5139-T01	Jennic	JN5139-T01
31	1	U1	IC Serial 3V Flash SMD M25P40-AVMN6P	Numonyx	M25P40-VNMN6P	Farnell InOne	988-2871
32	1	U2	IC Inverter NCT5Z04	Fairchild	NCT5Z04P5	Farnell InOne	4165-354
33	1	U8	74AHCT1G08 Logic single gate	NXP	74AHCT1G08GW/T1	Farnell InOne	1085-246
34	1	U7	IC Power Amp 2.4GHz	SiGe Semiconductor	PA2423L	SiGe Semiconductor	PA2423L
35	1	U6	Filter Band Pass 2450MHz 25dB	Soshin Electric Co Ltd	MDR774M	Soshin Electric Co.Ltd	MDR774M
36	2	U4, U5	IC MMIC SW SPDT SC-70-6P	Skyworks	AS179-92LF	Skyworks	AS179-92LF
37	0	C20, C33, C35, R6-8, L9	Parts Not To Be Fitted				

Revision 3.0 Date 23/08/09
Assembly DR1061
Description HPM