

Item	QTTY	Component Reference	Component	Jennic Part No	Description	Reqd	Notes
1	16	C1-4, C6-8, C10, C12, C17, C18, C27, C31, C39, C42, C46	100nF_0402	CP04100N	Capacitor 100nF 0402 X5R	16	
2	1	C16	330pF_0402	CP04330P	Capacitor 330pF 0402 COG	1	
3	1	C19	3n3_0402	CP0403N3	Capacitor 3.3nF 0402 X7R	1	
4	15	C11, C13, C15, C21, C22, C24, C25, C28, C29, C37, C40, C41, C44, C45, C48	15pF_0402	CP04015P	Capacitor 15pF 0402 COG	15	
5	1	C5	10uF_0805	CP08010U	Capacitor 10uF 6.3V 0805 X5R	1	
6	2	C47, C50	100pF_0402	CP04100P	Capacitor 100pF 0402 COG	2	
7	1	C23	10nF_0402	CP04010N	Capacitor 10nF 0402 X7R	1	
8	1	C34	1pF_0402	CP04001P	Capacitor 1pF 0402 NPO	1	
9	2	C26, C30	10pF_0402	CP04010P	Capacitor 10pF 0402 NPO	2	
10	1	C43	2.2uF_0603	CP0602U2	Capacitor 2.2uF 0603 X5R	1	
11	1	C32	4.7pF_0402	CP0404P7	Capacitor 4.7pF 0402 NPO	1	
12	2	C36, C38	5.6pF_0402	CP0405P6	Capacitor 5.6pF 0402 NPO	2	
13	1	C49	0.5pF_0402	CP0400P5	Capacitor 0.5pF 0402 COG	1	
14	1	R2	4K7_0402	RE0404K7	Resistor 4K7 0402 1%	1	
15	1	R1	43K_0402	RE04043K	Resistor 43K 0402 1%	1	
16	1	R5	22K_0402	RE04022K	Resistor 22K 0402 1%	1	
17	2	R3, R4	47R_0402	RE04047R	Resistor 47R 0402 1%	2	
18	1	R9	2R2_0402	RE0402R2	Resistor 2R2 0402 1%	1	
19	1	R6	10R_0402	RE04010R	Resistor 10R 0402 1%	1	
20	2	L1, L2	0R_0402	RE04000R	Resistor 0R 0402 1%	2	
21	1	L7	1.8nH_0402	IND001N8	Inductor 1.8nH	1	
22	1	L10	100nH_0402	IND0100N	Inductor 100nH	1	
23	1	L6	10nH_0402	IND0010N	Inductor 10nH	1	
24	1	L8	2.7nH_0402	IND002N7	Inductor 2.7nH	1	
25	1	L4	3.3nH_0402	IND003N3	Inductor 3.3nH	1	
26	1	L5	33nH_0402	IND0033N	Inductor 33nH	1	
27	1	Q1	BFP405_SOT343	TN000003	Transistor, RF, NPN, BFP405	1	
28	1	T1	HMM1521	BAL000003	Balun TDK HMM1521	1	
29	1	Y1	TSX-10A	CRY00001	Crystal SMD TSX-10A (TSX-4025 TN4-25820)	1	
30	1	U9	UFL_SM	CN000056	UFL Connector	1	
31	1	U3	JN5139	IC000031	IC JN5139	1	
32	1	U1	SST25VF010A	IC000032	IC Serial 3V Flash SMD SST25VF010A-33-4I-SAE	1	
33	1	U2	NC7SZ04	IC000019	IC Inverter NC7SZ04	1	
34	1	U8	74LV1G08	IC000020	74AHCT1G08 Logic single gate	1	
35	1	U7	PA2423L	IC000033	IC Power Amp 2.4GHz	1	
36	1	U6	MDR774M	IC000034	Filter Band Pass 2450MHz 25dB	1	
37	2	U4, U5	AS179-92	IC000035	IC MMIC SW SPDT SC-70-6P	2	
38	1			PC000024	PCB for High Power UFL Module (DR1061)	1	
39		C9, C14, C20, C33, C35, R6, R7, R8, L9		Not Fitted	Parts Not To Be Fitted	0	

Assembly	Description	Revision	Quantity Required	Date
DR1061	High power UFL module	2.2	1	10/01/2007

Item	Jennic Part No	Description	Value 1	Value 2	Value 2	Package	Supplier	Supplier Part
1	CP04100N	Capacitor 100nF 0402 X5R	100nF	10V	X5R	0402	Flint	CC0402AX5R104KTR
2	CP04330P	Capacitor 330pF 0402 COG	330pF	50V	COG	0402	Murata	GRM1555C1H331JA01
3	CP0403N3	Capacitor 3.3nF 0402 X7R	3.3nF	50V	X7R	0402	Flint	2238-587-15629
4	CP04015P	Capacitor 15pF 0402 COG	15pF	0	COG	0402	Flint	MCH155A150J
5	CP08010U	Capacitor 10uF 6.3V 0805 X5R	10uF	6.3V	X5R	0805	Farnell InOne	922-7814
6	CP04100P	Capacitor 100pF 0402 COG	100pF	50V	COG	0402	Flint	MCH155A101J
7	CP04010N	Capacitor 10nF 0402 X7R	10nF	16V	X7R	0402	Farnell InOne	301-9275
8	CP04001P	Capacitor 1pF 0402 NPO	1pF	0	NPO	0402	Farnell InOne	3019-100
9	CP04010P	Capacitor 10pF 0402 NPO	10pF	0	NPO	0402	Farnell InOne	3019-160
10	CP0602U2	Capacitor 2.2uF 0603 X5R	2.2uF	10V	X5R	0603	Murata	GRM188R61C225KE15
11	CP0404P7	Capacitor 4.7pF 0402 NPO	4.7pF	0	NPO	0402	RS	456-8617
12	CP0405P6	Capacitor 5.6pF 0402 NPO	5.6pF	0	NPO	0402	Farnell InOne	7568-088
13	CP0400P5	Capacitor 0.5pF 0402 COG	0.5pF	0	COG	0402	0	GRM1555C1HR50C
14	RE0404K7	Resistor 4K7 0402 1%	4K7	0.063W	0.01	0402	Flint	MCR01MZSEF4701
15	RE04043K	Resistor 43K 0402 1%	43K	0.063W	0.01	0402	Flint	MCR01MZSEF4302
16	RE04022K	Resistor 22K 0402 1%	22K	0.063W	0.01	0402	Farnell InOne	9232-923
17	RE04047R	Resistor 47R 0402 1%	47R	0.063W	0.01	0402	Farnell InOne	1174-145
18	RE0402R2	Resistor 2R2 0402 1%	2R2	0.063W	0.01	0402	Flint	2322-706-72208
19	RE04010R	Resistor 10R 0402 1%	10R	0.063W	0.01	0402	Farnell InOne	360-3088
20	RE04000R	Resistor 0R 0402 1%	0R	0.063W	0.05	0402	Farnell InOne	194-785
21	IND001N8	Inductor 1.8nH	0	0	0	0402	0	HK1005 1N8S-T
22	IND0100N	Inductor 100nH	0	0	0	0402	0	HI1005-1CR10JMT
23	IND0010N	Inductor 10nH	0	0	0	0402	0	HI1005-1C10NJMT
24	IND002N7	Inductor 2.7nH	0	0	0	0402	0	LGHK1005 2N7S-T
25	IND003N3	Inductor 3.3nH	0	0	0	0402	0	HI1005-1C3N3SMT
26	IND0033N	Inductor 33nH	0	0	0	0402	0	HK100533NJ-T
27	TN000003	Transistor, RF, NPN, BFP405	0	0	0	SOT-343	Farnell InOne	1056-518
28	BAL00003	Balun TDK HHM1521	2.5GHz	200R	100MHz	0	TDK	HHM1521
29	CRY00001	Crystal SMD TSX-10A (TSX-4025 TN4-25820)	16MHz	9pF	10ppm	SX-10 SMI	Toyocom	TSX-10A 16MHz
30	CN000056	UFL Connector	0	0	0	0	Hirose	CL331-0471-0-10
31	IC000031	IC JN5139	JN5139	0	0	QFN56	Jennic	JN5139
32	IC000032	IC Serial 3V Flash SMD SST25VF010A-33-4I-SAE	128Kx8	0	0	SOIC	0	SST25VF010A-33-4I-SAE
33	IC000019	IC Invertor NC7SZ04	0	0	0	SC70	Farnell InOne	4165-354
34	IC000020	74AHCT1G08 Logic single gate	74AHCT1G08	0	0	SOT353	Farnell InOne	1085-246
35	IC000033	IC Power Amp 2.4GHz	0	0	0	QFN-6P	0	PA2423L
36	IC000034	Filter Band Pass 2450MHz 25dB	0	0	0	0	0	MDR774M
37	IC000035	IC MMIC SW SPDT SC-70-6P	0	0	0	0	0	AS179-92LF
38	PC000024	PCB for High Power UFL Module (DR1061)	0	0	0	0	0	DR1061 V2.2
39	Not Fitted	Parts Not To Be Fitted	0	0	0	0	0	0

Assembly	Description	Revision	Date
DR1061	High power UFL moc	2.2	10/01/2007