

Item	QTY	Component Reference	Description	Value 1	Value 2	Value 3	Package	Temp Min	Temp Max	Manufacturer	Manufacturer Part	Notes
1	16	C1-4, C6-8, C10, C12, C17, C18, C27, C31, C39, C42, C46	Capacitor 100pF 0402 XSR	100pF	10V	XSR	0402	-55	155	-	-	-
2	1	C16	Capacitor 330pF 0402 COG	330pF	50V	COG	0402	-55	155	-	-	-
3	1	C19	Capacitor 3.3nF 0402 X7R	3.3nF	50V	X7R	0402	-55	155	-	-	-
4	15	C11, C13, C15, C21, C22, C24, C25, C28, C29, C37, C40, C41, C44, C45, C48	Capacitor 15pF 0402 COG	15pF	0	COG	0402	-55	155	-	-	-
5	1	C5	Capacitor 10uF 6.3V 0805 XSR	10uF	6.3V	XSR	0805	-55	85	-	-	-
6	2	C47, C50	Capacitor 100pF 0402 COG	100pF	50V	COG	0402	-55	155	-	-	-
7	1	C23	Capacitor 10nF 0402 X7R	10nF	16V	X7R	0402	0	85	-	-	-
8	1	C34	Capacitor 1uF 0402 NPO	1uF	0	NPO	0402	-55	155	-	-	-
9	2	C26, C30	Capacitor 10pF 0402 NPO	10pF	0	NPO	0402	-55	155	-	-	-
10	1	C43	Capacitor 2.2uF 0803 XSR	2.2uF	10V	XSR	0803	0	155	-	-	-
11	1	C32	Capacitor 4.7uF 0402 NPO	4.7uF	0	NPO	0402	-55	155	-	-	-
12	2	C36, C38	Capacitor 5.6pF 0402 NPO	5.6pF	0	NPO	0402	-55	155	-	-	-
13	1	G49	Capacitor 0.5pF 0402 COG	0.5pF	0	COG	0402	-55	155	-	-	-
14	1	R2	Resistor 4K7 0402 1%	4K7	0.063W	0.01	0402	-55	155	-	-	-
15	1	R1	Resistor 43K 0402 1%	43K	0.063W	0.01	0402	-55	155	-	-	-
16	1	R5	Resistor 22K 0402 1%	22K	0.063W	0.01	0402	-55	155	-	-	-
17	2	R3, R4	Resistor 47R 0402 1%	47R	0.063W	0.01	0402	0	85	-	-	-
18	1	R9	Resistor 2R2 0402 1%	2R2	0.063W	0.01	0402	0	85	-	-	-
19	1	R6	Resistor 10R 0402 1%	10R	0.063W	0.01	0402	0	85	-	-	-
20	1	L7	Inductor 1.8nH	0	0	0	0402	0	85	-	-	-
21	1	L10	Inductor 100nH	0	0	0	0402	0	85	-	-	-
22	1	L6	Inductor 10nH	0	0	0	0402	0	85	-	-	-
23	1	L8	Inductor 2.7nH	0	0	0	0402	0	85	-	-	-
24	1	L4	Inductor 3.3nH	0	0	0	0402	0	85	-	-	-
25	1	L5	Inductor 33nH	0	0	0	0402	0	85	-	-	-
26	1	Q1	Transistor, RF, NPN, BFP405	0	0	0	SOT-343	0	85	-	-	-
27	1	T1	Balun TDK HHM1521	2.5GHz	200R	100MHz	0	0	85	TDK	HHM1521	-
28	1	Y1	Crystal SMD TSX-10A (TSX-4025 TN4-25820)	16MHz	9pF	10ppm	SX-10 SM	-20	75	Toyocom	TN4-25820	-
29	1	U9	UFL Connector	0	0	0	0	0	85	-	-	-
30	1	U3	IC JN5139	JN5139	0	0	QFN56	0	85	Jennic	JN5139	-
31	1	U1	IC Serial 3V Flash SMD M25P10-AVMN6P	128Kx8	0	0	SOIC	-40	85	-	-	-
32	1	U2	IC Inverter NOT3204	0	0	0	SC70	0	85	-	-	-
33	1	U8	74AHCT1G08 Logic single gate	AHCT1G	0	0	SOT23	0	85	-	-	-
34	1	U7	IC Power Amp 2.4GHz	0	0	0	QFN-6P	-40	85	-	-	-
35	1	U6	Filter Band Pass 2450MHz 25dB	0	0	0	0	-40	85	-	-	-
36	2	U4, U5	IC MMIC 3W SPTT SC-70-6P	0	0	0	0	-40	85	-	-	-
37	1	0	PCB for High Power UFL Module (DR1061)	0	0	0	0	-55	155	Jennic	-	-
38	0	C20, C33, C35, R6, R7, R8, L9	Parts Not To Be Fitted	0	0	0	0	-55	155	-	-	-

Assembly Description Revision Temp Min Temp Max