

## DB-54008L-470 BOM

Component ID	Description	Value	Case size	Manufacturer	Part Code
C4	Capacitor	10 nF	1206	Murata	GRM42-6X7R104K50
C3	Capacitor	1 nF	1206	Murata	GRM42-6C0G102J50
C1	Capacitor	120 pF	1206	Murata	GRM42-6C0G121J50
C2	Capacitor	120 pF	1206	Murata	GRM42-6C0G121J50
C6	Capacitor	120 pF	100B	ATC	121
C7	Capacitor	120pF	100B	ATC	121
C8	Capacitor	2 pF	100B	ATC	2R0
C9	Capacitor	13 pF	100B	ATC	130
C10	Capacitor	20 pF	100B	ATC	200
C11	Capacitor	62 pF	100A	ATC	620
C12	Capacitor	43 pF	100A	ATC	430
C13	Capacitor	4.3 pF	100B	ATC	4R3
C14	Capacitor	15 pF	100B	ATC	150
C15	Capacitor	3 pF	100B	ATC	3R0
C16	Capacitor	6.8 pF	100B	ATC	6R8
C5	Capacitor	10 uF	SMT	Panasonic	EEVHB1V100P
B2	Ferrite Bead			PANASONIC	EXCELDRC35C
B1	Ferrite Bead			PANASONIC	EXCELDRC35C
L1	Inductor	35.5 nH		Coilcraft	B09T
R2	Potentiometer	10 K		BOURNS ELECTRONIC	3214W-1-103E
R3	Resistor	1 K	1206	TYCO ELECTRONICS	01623440-1
R1	Resistor	15	1206	TYCO ELECTRONICS	01623429-1
RF in	SMA-CONN			Johnson	142-0701-801
RF out	SMA-CONN			Johnson	142-0701-801
TL1	Transmission Line	W=2.87 mm	L=8.6 mm		
TL2	Transmission Line	W=2.87 mm	L=11.7 mm		
TL3	Transmission Line	W=4.90mm	L=5.6 mm		
TL4	Transmission Line	W=4.90 mm	L=5.8 mm		
TL5	Transmission Line	W=2.87 mm	L=6.4 mm		

TL6	Transmission Line	W=2.87 mm	L=4.5 mm		
TL7	Transmission Line	W=2.87 mm	L=6.8 mm		
D1	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
L2	2.55 nH	0906		Coilcraft	0906-3
L3	1.65 nH	0906		Coilcraft	0906-2
L4	3.85 nH	0906		Coilcraft	0906-4
PD54008L	LDMOS			STMicroelectronics	PD54008L
Board: FR-4 THk=0.060" 2OZ Cu Both Sides					