

DB-55008L-470 BOM

Component ID	Description	Value	Case size	Manufacturer	Part Code
B1	Ferrite Bead			PANASONIC	EXCELDRC35C
B2	Ferrite Bead			PANASONIC	EXCELDRC35C
C1, C2	Capacitor	120 pF	1206	ATC	561
C3	Capacitor	1 nF	1206	MURATA	GRM42-6C0G102J50
C4	Capacitor	10 nF	1206	MURATA	GRM42-6X7R104K50
C5	Capacitor	10 uF	SMT	PANASONIC	EEVHB1V100P
C6, C7	Capacitor	300 pF	100B	MURATA	GRM42-6C0G301J50
C8	Capacitor	18 pF	100B	ATC	180
C9	Capacitor	33 pF	100B	ATC	330
C10	Capacitor	39 pF	100B	ATC	390
C11	Capacitor	15 pF	100B	ATC	150
C12	Capacitor	33 pF	100B	ATC	330
C13	Capacitor	11 pF	100B	ATC	110
D1	Zener Diode	NC			
L1	Inductor	35.5 nH		COILCRAFT	B09T
L2	Inductor	8 nH		COILCRAFT	A03T
R1	Potentiometer	10 K Ω		BOURNS ELECTRONICS	103
R2	Resistor	1 K Ω	1206	TYCO ELECTRONICS	01623440-1
R3	Resistor	15 Ω	1206	TYCO ELECTRONICS	150
TL1	Transmission Line	W=2.87mm	L=8.6 mm		
TL2	Transmission Line	W=2.87mm	L=3.1 mm		
TL3	Transmission Line	W=2.87mm	L=2.8 mm		
TL4	Transmission Line	W=4.9mm	L=5.4 mm		
TL5	Transmission Line	W=4.9mm	L=5.4 mm		
TL6	Transmission Line	W=2.87mm	L=8.6 mm		
PD55008L-E	LDMOS			STMicroelectronics	PD55008L-E
Board	FR4 THk=0.060" 2OZ Cu Both Sides				