

DB-54008L-406 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	MURATA	GRM42-6C0G121
C3	Capacitor	1 nF	1206	MURATA	GRM42-6C0G102
C4	Capacitor	10 nF	1206	MURATA	GRM42-6X7R104
C5	Capacitor	10 uF	SMT	PANASONIC	EEVHB1V100P
C6, C7	Capacitor	300 pF	100B	ATC	301
C8	Capacitor	12 pF	100B	ATC	120
C9	Capacitor	4.7 pF	100B	ATC	4R7
C10	Capacitor	56 pF	100B	ATC	560
C11	Capacitor	22 pF	100B	ATC	220
C12	Capacitor	27 pF	100B	ATC	270
C13	Capacitor	10 pF	100B	ATC	100
D1	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
L1	Inductor	35.5 nH		COILCRAFT	B09T
L2	Inductor	5.4 nH		COILCRAFT	0906-5T
L3	Inductor	8 nH		COILCRAFT	A03T
R1	Potentiometer	10 K $\Omega$		BOURNS ELECTRONICS	3214W-1-103E
R2	Resistor	1 K	1206	TYCO ELECTRONICS	01623440-1
TL1	Transmission Line	W=2.87mm	L=8.6 mm		
TL2	Transmission Line	W=2.87mm	L=1.7 mm		
TL3	Transmission Line	W=4.9mm	L=1.3 mm		
TL4	Transmission Line	W=2.87mm	L=1.5 mm		
TL5	Transmission Line	W=2.87mm	L=5.1 mm		
TL6	Transmission Line	W=4.9mm	L=3.8 mm		
TL7	Transmission Line	W=2.87mm	L=1.4 mm		
TL8	Transmission Line	W=2.87mm	L=1.6 mm		
TL9	Transmission Line	W=4.9mm	L=5.7 mm		
RF in, RF out	SMA-CONN	50 $\Omega$	60 mils	JOHNSON	142-0701-801
PD54008L	LDMOS			STMicroelectronics	PD54008L

Board	FR-4 THk=0.060" 2OZ Cu Both Sides
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