

DB-55025-540 BOM					
Component ID	Description	Value	Case size	Manufacturer	Part Code
B1	Ferrite Bead			PANASONIC	EXCELDRC35C
B2	Ferrite Bead			PANASONIC	EXCELDRC35C
C1, C2	Capacitor	150 pF	1206	MURATA	GRM42-6C0G151J50
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	47 pF	100B	ATC	470
C8	Capacitor	3.3 pF	100B	ATC	3R3
C9	Capacitor	6.8 pF	100B	ATC	6R8
C10, C11	Capacitor	39 pF	100B	ATC	390
C12	Capacitor	5.6 pF	100B	ATC	5R6
C13	Capacitor	3.9 pF	100B	ATC	3R9
D1	Zener Diode	5.1 V	SOD110	PHILIPS	BZX28C5V1
L1	Inductor	43 nH		COILCRAFT	B10T
L2, L3	Inductor	5 nH		COILCRAFT	A02T
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=10.6 mm		
TL3	Transmission Line	W=4.9mm	L=8 mm		
TL4	Transmission Line	W=4.9mm	L=7.8 mm		
TL5	Transmission Line	W=2.87mm	L=10 mm		
TL6	Transmission Line	W=2.87mm	L=8.6 mm		
PD55025-E	LDMOS			STMicroelectronics	PD55025-E
Board	FR4 THk=0.060" 2OZ Cu Both Sides				