

DB-55015-165 BOM					
Component ID	Description	Value	Case size	Manufacturer	Part Code
B1, B2	Ferrite Bead			PANASONIC	EXCELDRC35C
D1	Zener Diode	5.1 V	SOD110	PHILIPS	BZX284C5V1
L1	Inductor	35.5 nH	Mini	COILCRAFT	B09T
L2	Inductor	17.5 nH	Mini	COILCRAFT	B06T
L3	Inductor	5 nH	Mini	COILCRAFT	A02T_
L4	Inductor	18.5 nH	Mini	COILCRAFT	A05T_
R1	Resistor	15 O	0603	TYCO -ELECTRONICS	
R2	Potentiometer	10 KO		BOURNS-ELECTRONICS	3214W-1-103E
R3	Resistor	1 KO	0602	TYCO-ELECTRONICS	
R4	Resistor	15 O	0603	TYCO-ELECTRONICS	
C1, C2	Capacitor	120 pF	1206	Murata	GRM42-6C0G121_
C3	Capacitor	10 nF	1206	Murata	GRM188R71H103KA_
C4	Capacitor	100 nF	1206	Murata	GRM188R71H104KA_
C5	Electrolytic Capacitor	10 μ F		Rubycon	
C6, C12	Capacitor	620 pF	100B	ATC	621
C7	Capacitor	120 pF	0603	Murata	GRM188R71H102K_
C8	Capacitor	68 pF	100B	ATC	680
C9	Capacitor	56 pF	100B	ATC	560
C10	Capacitor	22 pF	100B	ATC	220
C11	Capacitor	27pF	100B	ATC	270
C13	Capacitor	68 pF	100B	ATC	680
TL1	Transmission Line		W= 2.83 mm, L=3 mm		
TL2	Transmission Line		W=4.98 mm, L= 5 mm		
TL3	Transmission Line		W=4.98 mm, L= 5.3 mm		
RF in, RF out	SMA-CONN		60 mils	JOHNSON	142-0701-801
PD55015	LDMOS			STMicroelectronics	PD55015
Board	FR-4 THk=0.060" 2OZ Cu Both Sides				