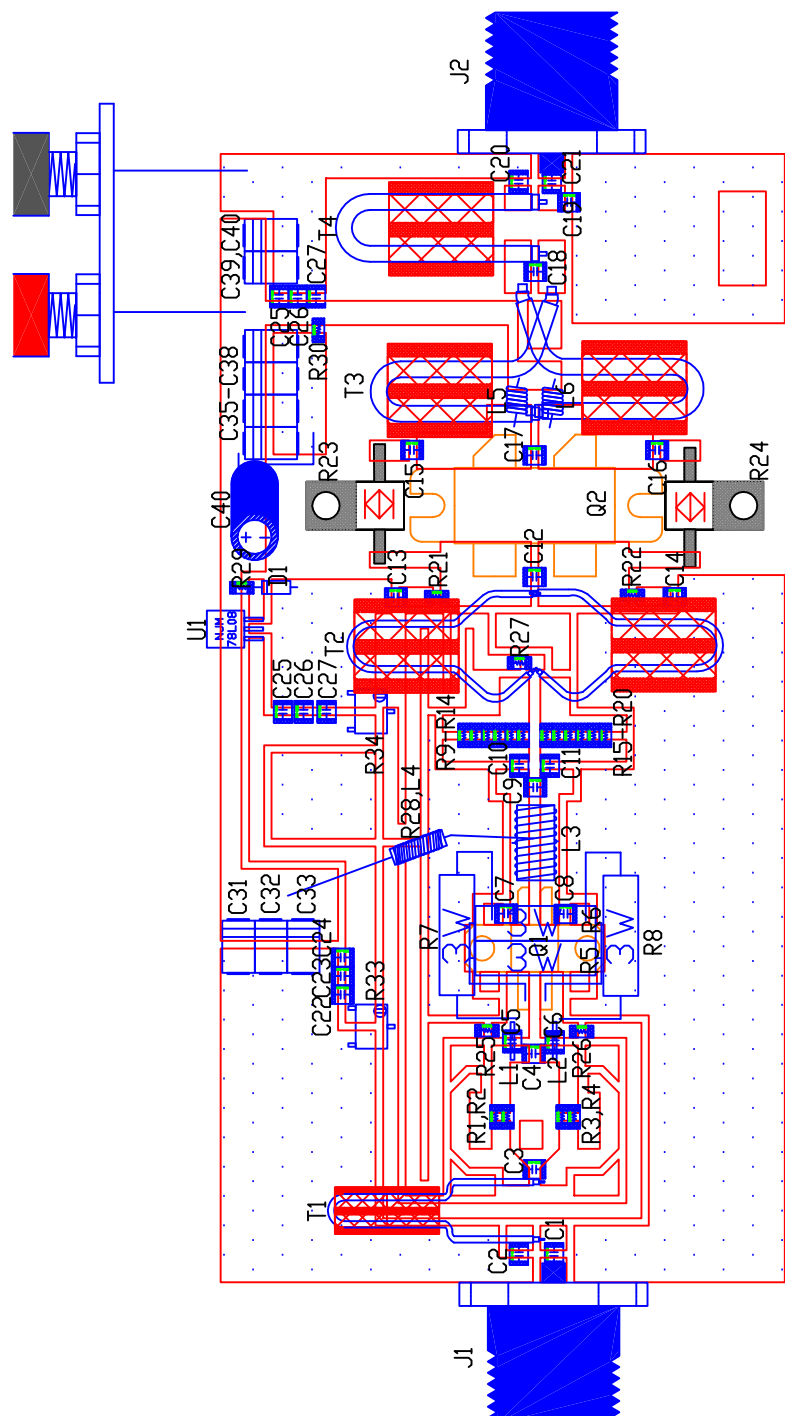


Title	FB208 20-512MHz, 100W, 20dB
Document Number	LC001-SR703_Vids-28V_1q-0.4A-0.8A
Size	
Rev	0
Date	Monday, March 20, 2006
Sheet	1 of 1

SYMBOL	VALUE	DESCRIPTION
C22,C30,C24,C27,C30	10nF	ATC Capacitor ATC200B
C3	4.3pF	ATC Capacitor ATC100B
C4	7.5pF	ATC Capacitor ATC100B
C5,C6	22pF	ATC Capacitor ATC100B
C7,C9,C15,C16,C24,C27,C30	100nF	ATC Capacitor ATC200B
C9	3.0pF	ATC Capacitor ATC100B
C10,C11	750pF	ATC Capacitor ATC700B
C12	33pF	ATC Capacitor ATC100B
C17	27pF	ATC Capacitor ATC100B
C18,C19	2.0pF	ATC Capacitor ATC100B
C22,C25,C28	1nF	ATC Capacitor ATC700B
C31-C39	10uF	Vishay/Sprague Tantalum Case E
C40	47uF	63V Electrolytic Aluminum
D1	12V	Axial Zener Diode
J1,J2	50 Ohm	Pasternack SMA Female
L1,L2	22AWG Length=02"	
L3	22AWG 11 turns around R28	Center-tapped 15 turns around FR8-9
L4	22AWG 6 turns around R28	
L5,L6	18AWG 6 turns, ID: 0.125"	
Q1	L0801	PolyFet LMDS
Q2	SR703	PolyFet VDMOS
R1-R4	10 Ohm	1/4-Watt 1206 Resistor
R5-R8	100 Ohm	3-Watt Metal-Film Axial Resistor
R9-R22	15 Ohm	1/4-Watt 1206 Resistor
R23,R24	100 Ohm	Power 1/2-Watt Flanged Mount Resistor
R25,R26,R30	10K Ohm	1/4-Watt 1206 Resistor
R27	10K Ohm	1/4-Watt Metal-Film Axial Resistor
R28	220 Ohm	1/2-Watt Metal-Film Axial Resistor
R29	22K Ohm	1/4-Watt 1206 Resistor
T1	50 Ohm	UT34-50, length=2.5", 240K-61-2402
T2	25 Ohm	UT34-25, length=2.5"/50K, 1K-61-262/50K
T3	15 Ohm	UT35-15, length=2.5"/50K, 1K-61-262/50K
T4	50 Ohm	UT35-50, length=2.5", 1K-61-262
U1	8V	Voltage Regulator, NJM78L08A



DRN BY: T.Chang	03/20/2006
CHKD : J.Citrolo	03/20/2006
ELECT : T.Chang	03/20/2006
MECH : T.Chang	03/20/2006
PROC :	
QUAL :	
PGMS :	

POLYFET RF DEVICES	
TB208, 20-512MHz, 100W, 20dB	
SIZE	FSCM NO
SCALE : 1 : 1	SHEET 1 OF 1
REV	0
L0801-->SR703, Vds=28V, Idq=0.4A+0.8A	