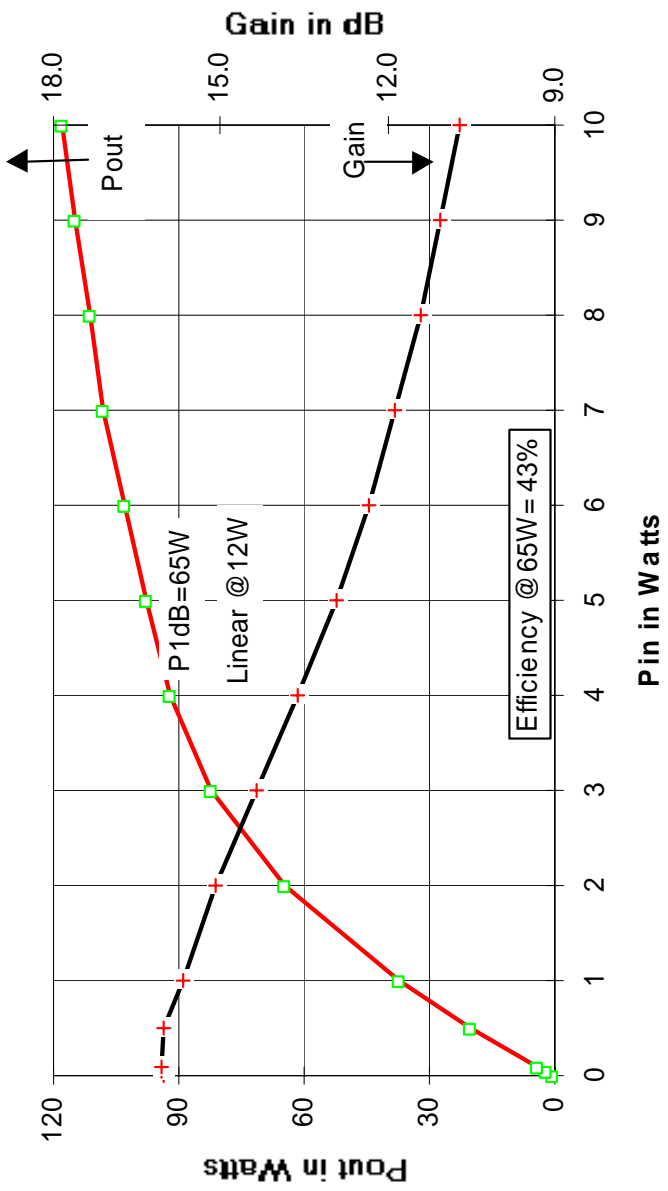
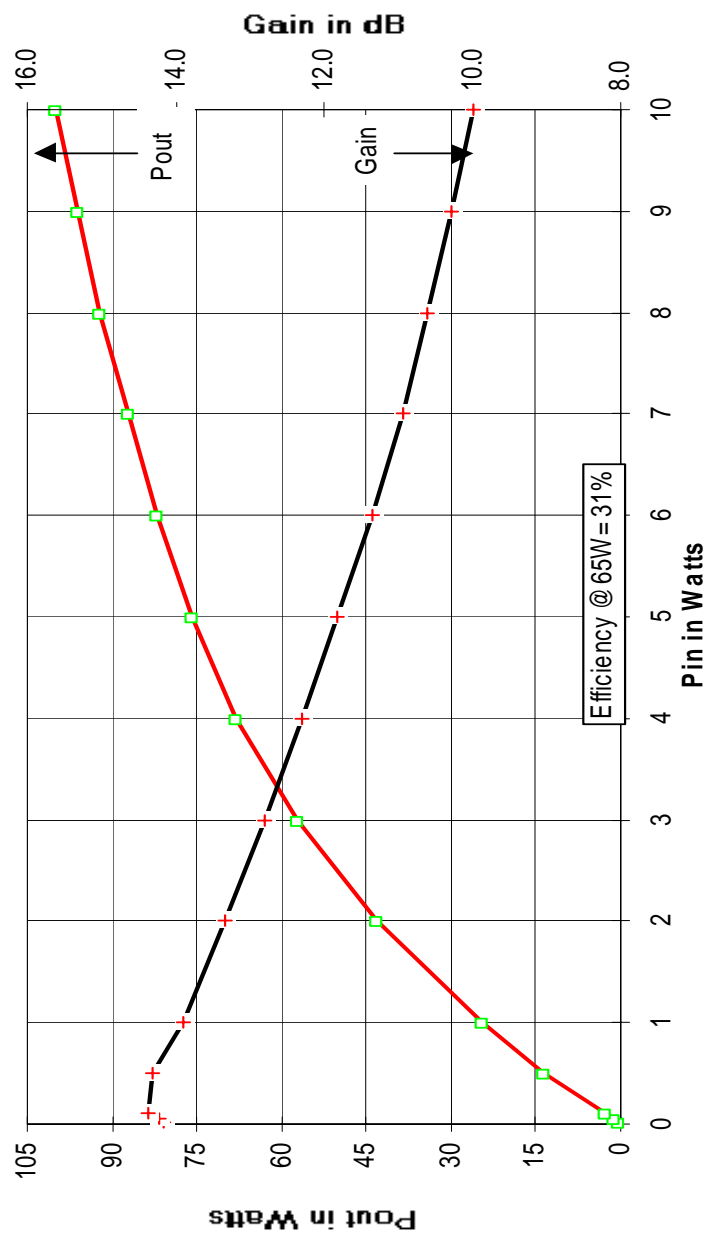


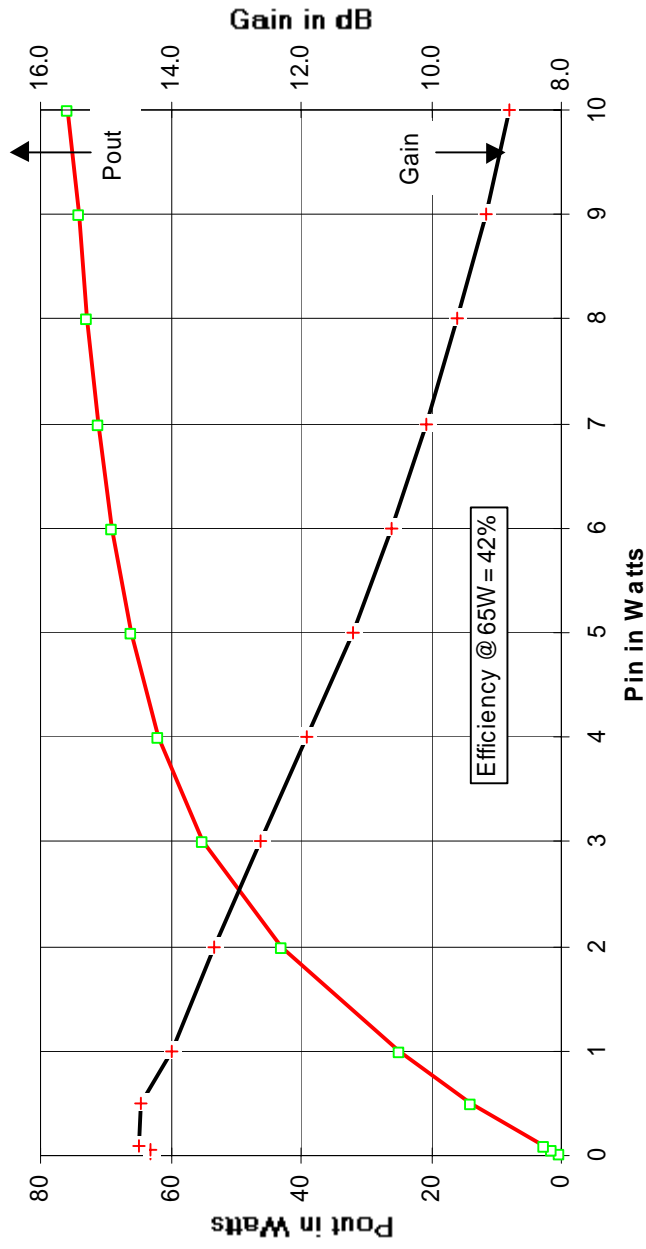
TB207 LB401 Freq=500MHz Vds=28Vdc Idq=1.6A



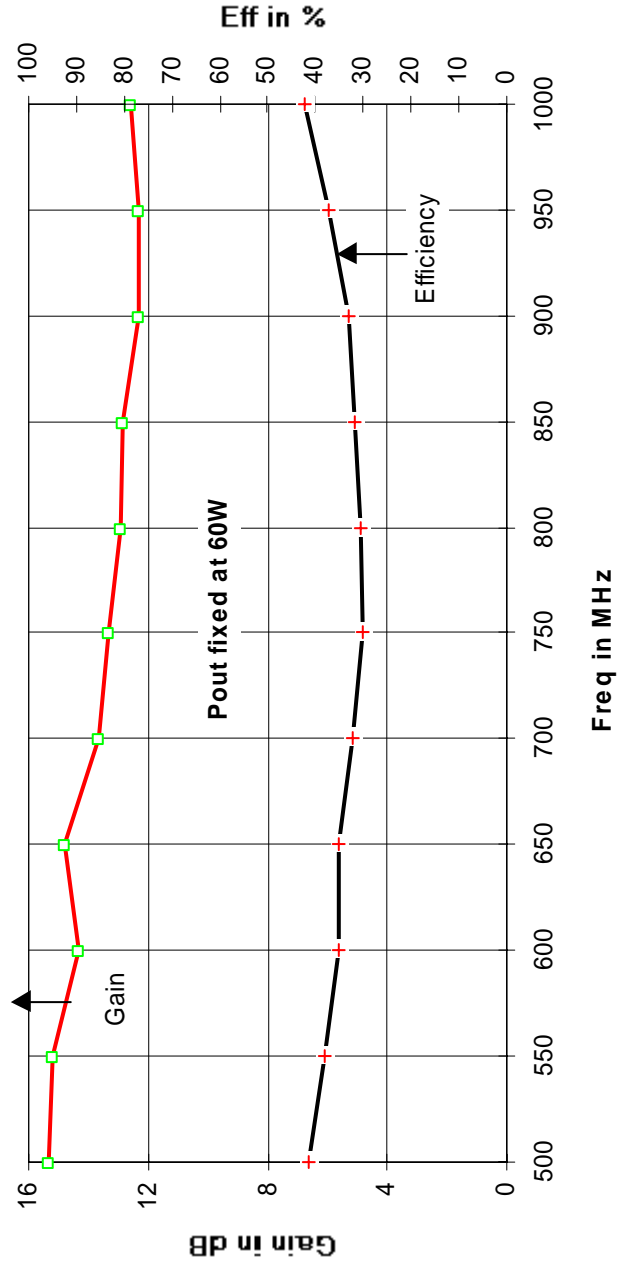
TB207 LB401 Freq=750MHz Vds=28Vdc Idq=1.6A

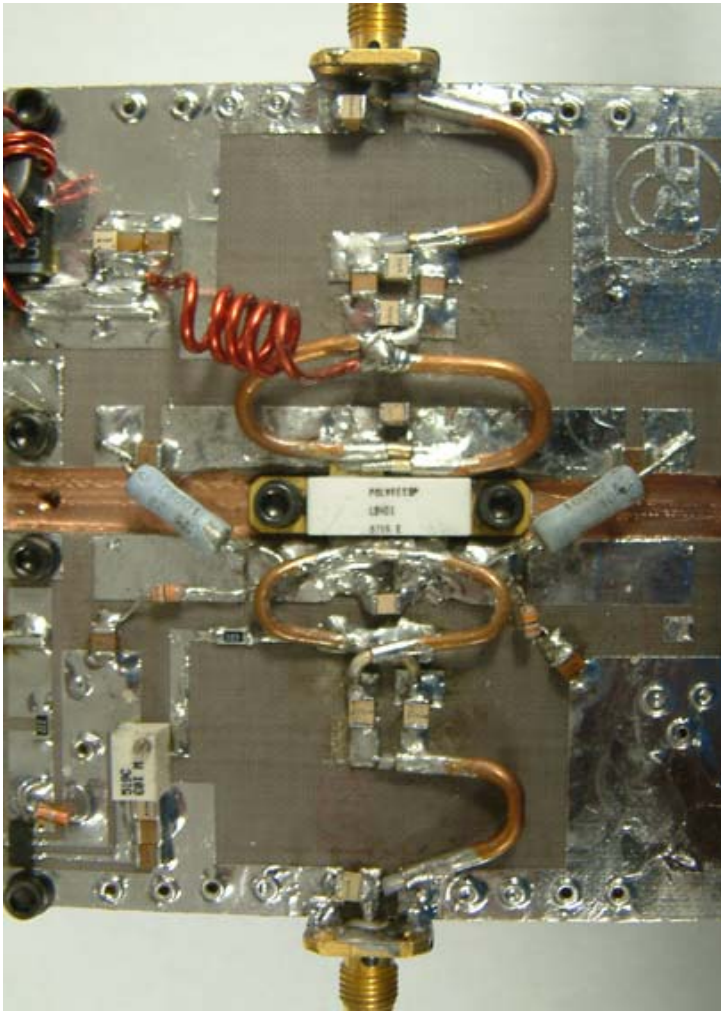


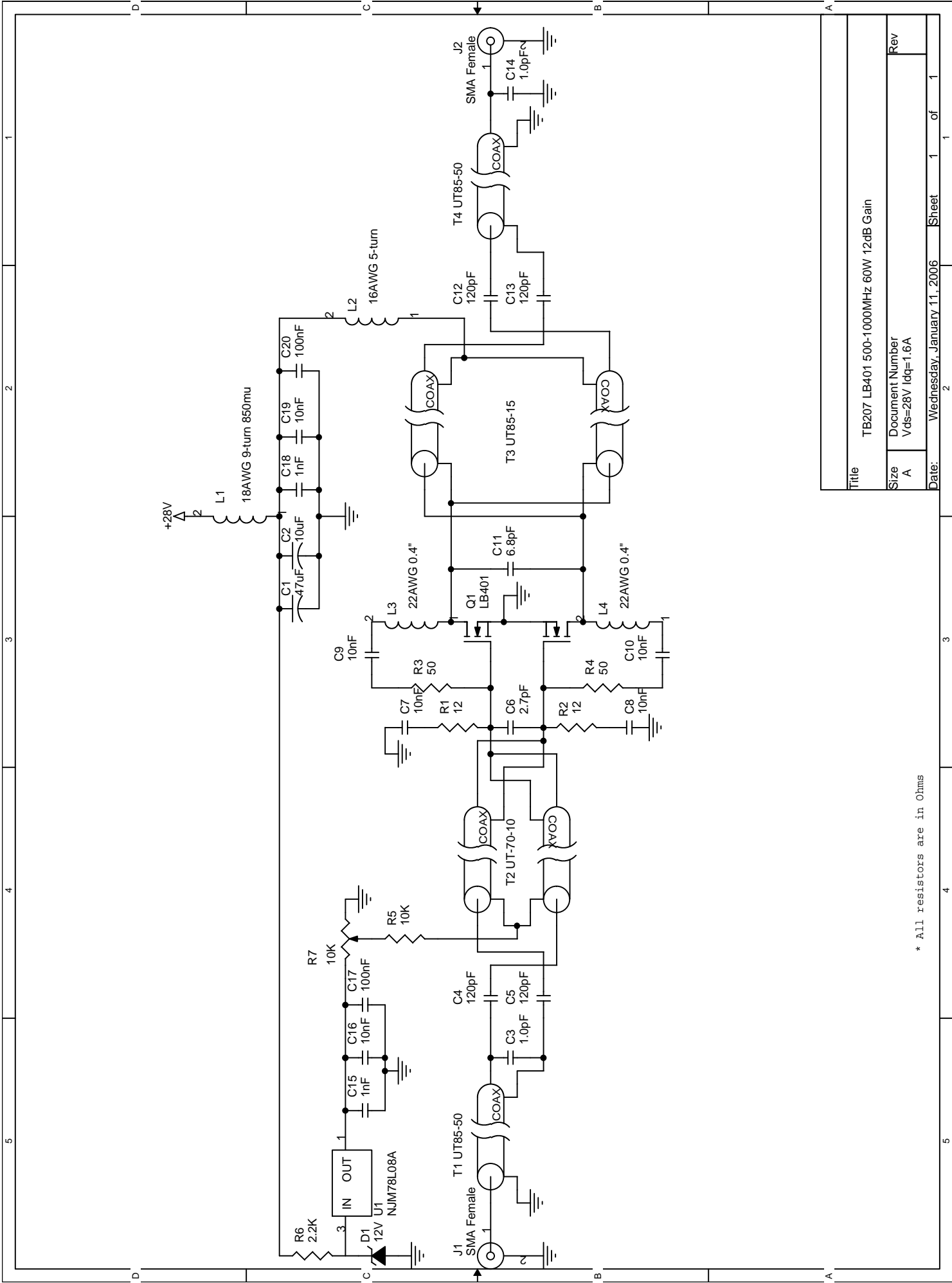
TB207 LB401 Freq=1000MHz Vds=28Vdc Idq=1.6A



TB207 LB401 Vds=28Vdc Idq=1.6A



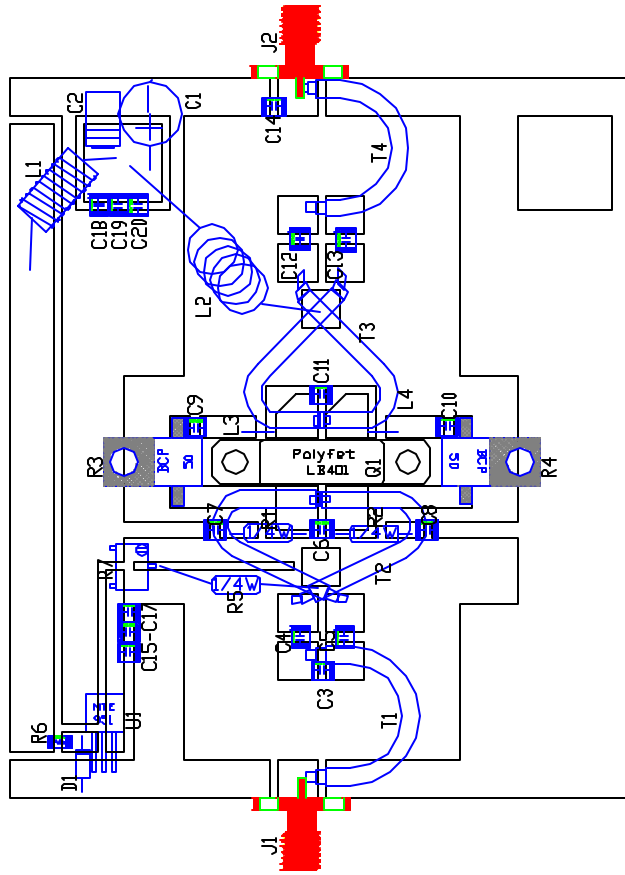




Title		TB207 LB401 500-1000MHz 60W 12dB Gain
Size	Document Number	
A	Vds=28V Idq=1.6A	
Date:	Wednesday, January 11, 2006	
Sheet	1	of 1

\* All resistors are in Ohms

SYMBOL	VALUE	DESCRIPTION
C1	47uF	Aluminum Electrolytic
C2	10uF	Viskay/Sprague Tantalum
C3, C14	1.0pF	ATC-100B Chip Cap
C4, C5, C12, C13	11pF	ATC-100B Chip Cap
C6	2.7pF	ATC-200B Chip Cap
C7, C8, C9, C10, C16, C19	10uF	ATC-200B Chip Cap
C11	6.8pF	ATC-100B Chip Cap
C15, C18	1nF	ATC-700B Chip Cap
C17, C20	100nF	ATC-200B Chip Cap
D1	12V	Axial Zener Diode
J1, J2	---	SMA Female
L1	16AWG 9-turn, B50mu	
L2	16AWG 5-turn, DI: 0.2"	
L3, L4	22AWG l = 0.4"	
R1	LB401	Polyfet Transistor
R2, R4	1.2 Ohm 1/4-Watt Axial	
R3, R4	50 Ohm BCP Flanged	
R5	10k Ohm 1/4-Watt Axial	
R6	22k Ohm 1206 Chip Resistor	
R7	10k	6mm, multi-turn PBT
T1 & T4	1.5"	UT85-50
T2	1.3"	UT70-10
T3	1.5"	UT85-15
U1	---	NJM78L08A
Vdd	28V	Drain Voltage
Ibias	16A	Quiescent Drain Current



DRN BY: T. Chang	04/07/2015
CHKD :	
ELECT : T. Chang	04/07/2015
MECH : T. Chang	04/07/2015
PRIC :	
QUAL :	
PCNS :	

POLYFET RF DEVICES	
TB207 LB401 500-1000MHz 60W 12dB	
SIZE	FSCM NO
Vdd=28V	I <sub>dq</sub> =1.6A
REV	A
SCALE: 1:1	SHEET 1 OF 1

PCB Material : Double-side Teflon ER-25, H=0.064in, 2oz