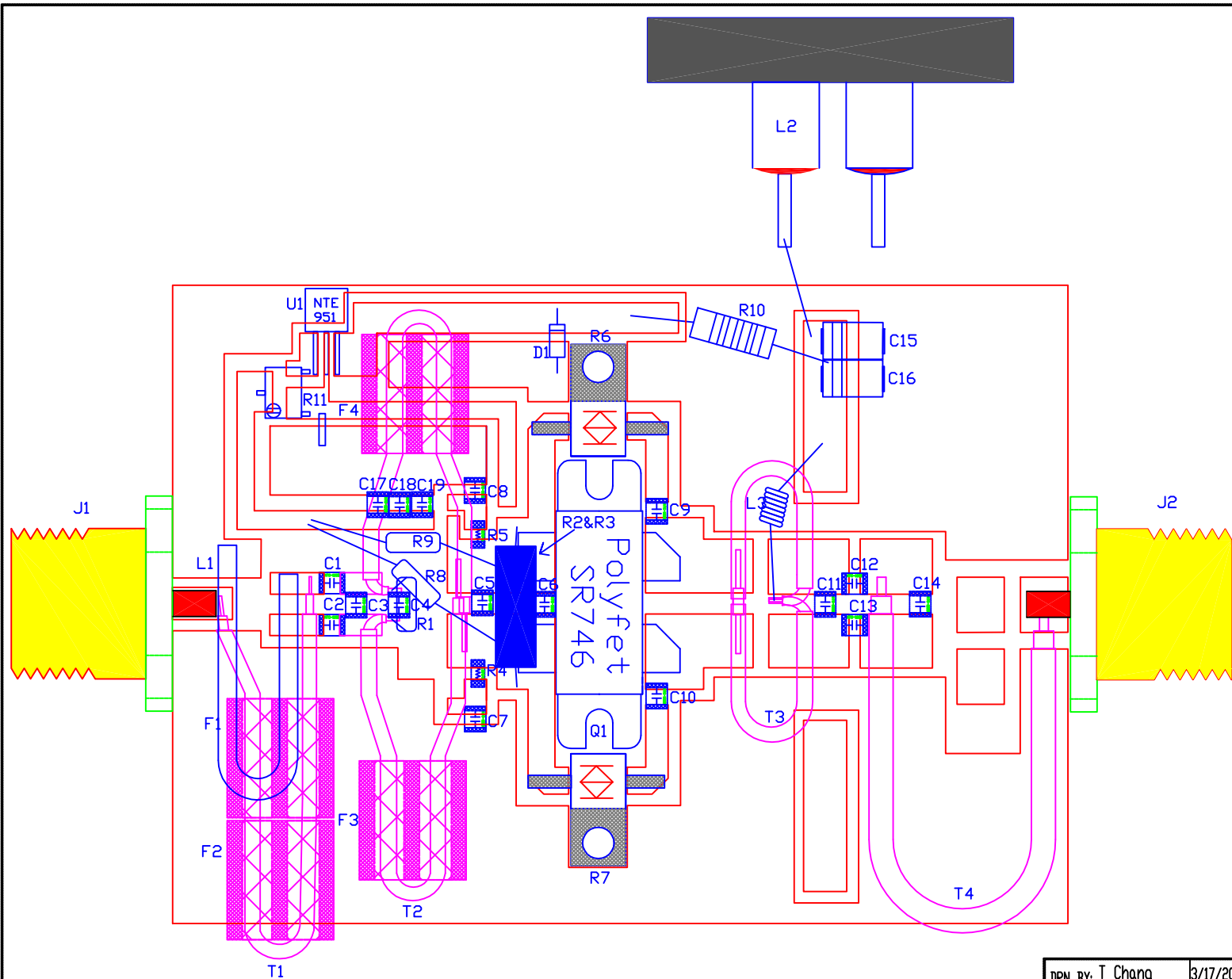


Polyfet RF Devices		
Title		
TB196, SR746, 100-400MHz, 120W, 12dB Gain		
Size	Document Number	Rev
	Vds=50V, Idq=800mA	
Date:	Wednesday, March 16, 2005	Sheet 1 of 1



SYMBOL	VALUE	DESCRIPTION
C1, C2, C7, C8, C9, C10, C18	0.01uF	ATC200B Chip Cap.
C3	7.5pF	ATC100B Chip Cap.
C4	220pF	ATC100B Chip Cap.
C6	51pF	ATC100B Chip Cap.
C11	6.2pF	ATC100B Chip Cap.
C12, C13	470pF	ATC700B Chip Cap.
C14	2.0pF	ATC100B Chip Cap.
C15, C16	10uF	Vishay/Sprague Tantalum
C17	0.001uF	ATC700B Chip Cap.
C19	0.1uF	ATC200B Chip Cap.
D1	12V	Axial Zener Diode
F1-F4	850mu	Amidon BN-43-202
J1, J2	---	Pasternack N-type Female
L1	3.0"	ATC200B Chip Cap.
L2	---	Tusonix 7602-501
L3	16AWG	7-turn, ID: 0.25"
Q1	SR746	Polyfet Push-Pull
R1	2.2 Ohm	1/4-Watt Axial
R2, R3	3.0 Ohm	1-Watt Axial
R4, R5	15 Ohm	1/4-Watt Axial
R6, R7	50 Ohm	RFP 20-50 Flanged Resistor
R8, R9	10K Ohm	1/4-Watt Axial
R10	6.7K Ohm	1/2-Watt Axial
R11	10K	6mm multi-turn POT, 40Watt ST50MECT-10
T1	4.0"	UT85-50
T2	3.0"	Belden 83304 23-Ohm
T3	2.0"	UT70-10
T4	4.0"	UT85-50
U1	---	NJM78L08A/TD

Double sided 2oz. Cu 0.064"
Er=4.0, FR4 material

DRN By: T Chang	3/17/2005	POLYFET RF DEVICES	
CHKD :			
ELECT : T Chang	3/7/2005	TB196 100-400MHz 120W 12dB Gain	
MECH : T Chang	3/17/2005	SIZE	FSCM NO
PRDC :		SR746 50Vdc, 0.8A	
QUAL :			
PGMS :		SCALE : 1 : 1	SHEET 1 OF 1

