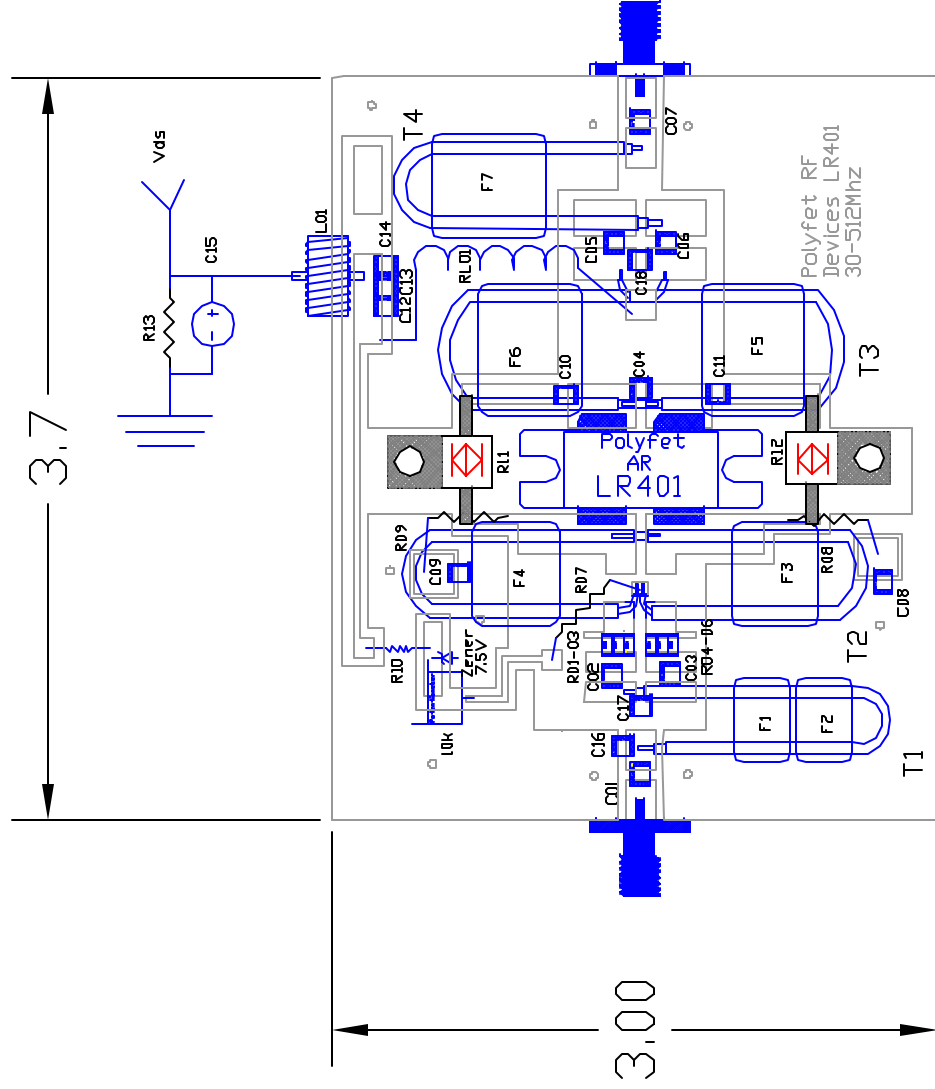


DRN BY E Cunninghamham		8/15/02	Polyfet RF Devices	
CHKD	J Citrolo	10/22/01	Demonstration Amplifier	
ELECT	J Citrolo	10/22/01	TB-160 30-512Mhz 60W 40%eff.	
MECH	J Citrolo	10/22/01	SIZE	A
PRDC			LR401 Vds=28Vdc Idc=0.8A	REV
QUAL				0
PGMS				



F1-F2= AMIDON BN-61-2402 125mu BINOCULAR FERRITE
 F3-F7*= FERRONICS 12-365-K 125mu BINOCULAR FERRITE
 T1: UT34-50 2.5in.
 T2: UT34-17 3in.
 T3: BELDEN 83306 21ohm 20AWG braided Teflon Coax 2.6in.
 T4: UT85-50 3in.

*Cut hole through pcb and attach F7 to copper

C01	ATC-100B	750pf
C02-03	ATC-100B	470pf
C04	ATC-100B	22pf
C05-07	ATC-100B	1nf
C8,9,10 11,14	ATC-100B	10nf
C12	ATC-100B	47pf
C13	ATC-100B	1nf
C15	47uf,63V	elect.
C16	ATC-100B	1.3pF
C17	ATC-100B	1.8pF
C18	ATC-100B	2pF
R1-6	0805	11 ohm
R07	1/4W	13K
R8-9	1/4W	18 ohm
R10	1/4W	3.9K
R11, R12	Flange mount resistor	100 ohms
R13	1/4W	10K ohm
RL01	2W	18ohm, 18AWG
L01	18AWG,	850mu
F1-2	125mu	Binocular
F3-7	125mu	Binocular
PCB	FR4, Er=3.55	0.064in. thick

POLYFET RF DEVICES

LR401 30-512Mhz P1dB=60W 12dB 28Vdc 800ma

SIZE	FSCM NO.	TB160	REV
SCALE:	pcb 1:1		SHEET 1 OF 1

DRN BY:	E Cunningham	1/12/02
MOD BY:	J Citrolo	10/22/01
ELECT:	J Citrolo	10/22/01
MECH:	J Citrolo	10/22/01
PRDC:		
QUAL:		
MOD BY:		