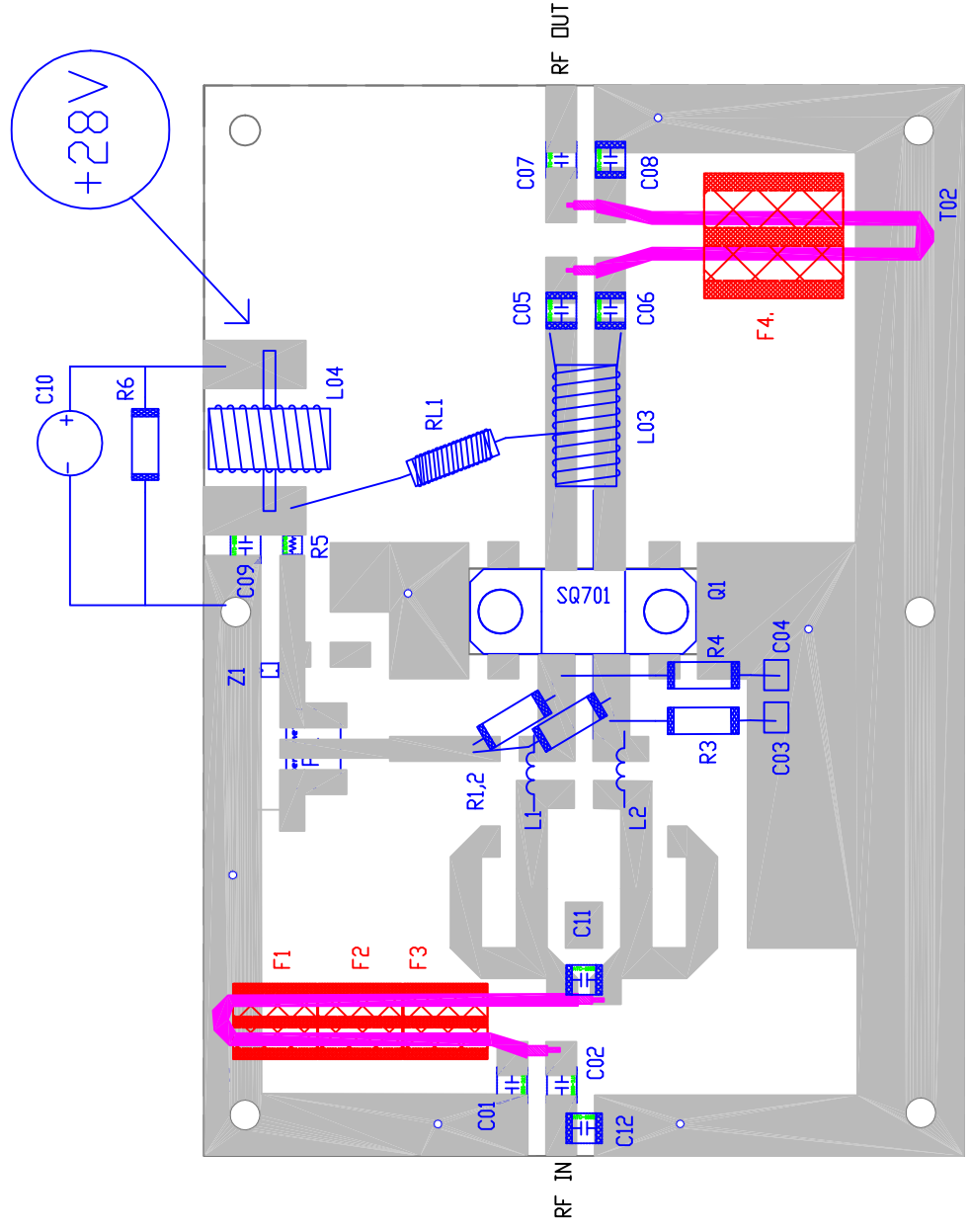


DRN BY	J. Citrolo	2/13/03
CHKD		
ELECT		
MECH		
PRDC		
QUAL		
PGMS		

Polyfet RF Devices	
TB179 30-88MHz 25W P1dB	
SIZE	FSCM NO.
REV	SQ701 Vds=28Vdc Idq=400ma



SYMBOL	VALUE	DESCRIPTION
C01-09	10nf	ATC200B CHIP CAP.
C10	47uf	63V electrolytic
C11	11pf	ATC100B CHIP CAP.
C12	22pf	ATC100B CHIP CAP.
R1,2	10K	1/4W axial resistor
R3,4	15	1/4W axial resistor
R5	2.2K	0805 chip resistor
P01	10k	multi-turn POT
L01,L02	22AWG	5 turns
L03	22AWG	850mu,center-tap,19 turns
L04	22AWG	850mu, 10 turns
Z1	7.5V	5mA Zener diode
T01,T02	2500mil	UT34-50ohm Coaxial balun
F1-3	125mu	Amidon BN-61-2402
F4	125mu	Ferronics 12-365-K
Q1	SQ701	Polyfet Transistor
VDD	28V	DC Power Supply
Bias	200ma	Bias Current

DRN BY: J.Citrolo	2/13/03
CHKD :	
ELECT : J Citrolo	
MECH : J Citrolo	
PROC :	
QUAL :	
PGMS :	

POLYFET RF DEVICES	
TB179 30-88MHz, 25W P1dB	
SIZE	FSCM NO
REV	0
SQ701 V _{ds} =28Vdc, I _{dq} =200ma	
SCALE : 1 : 1	SHEET 1 OF 1

PCB Material : Double Side FR4
 ER=3.55, H=0.032", T=0.001"