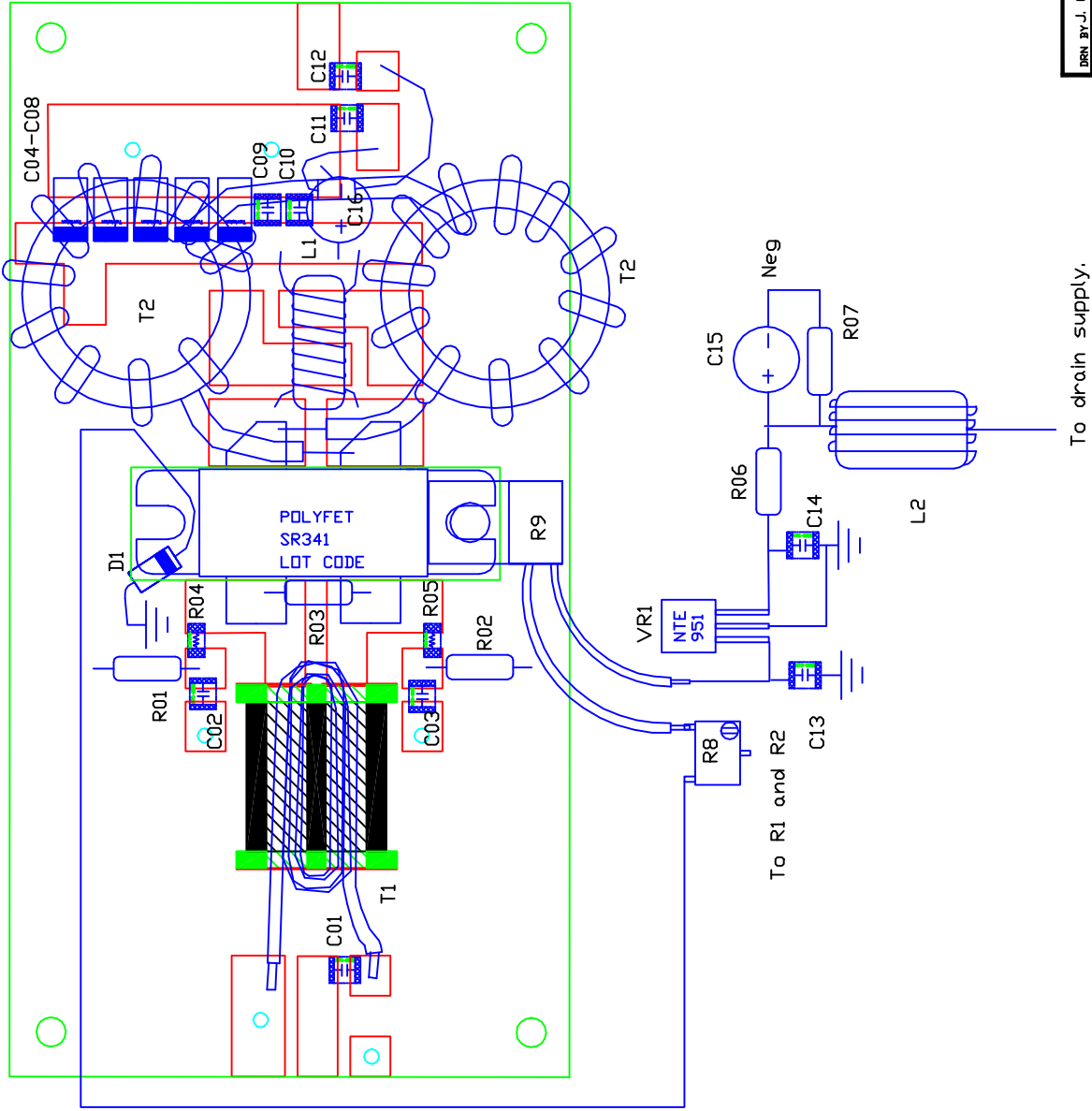


DRN BY	J.Citrolo	8/19/03
CHKD		
ELECT	J.Citrolo	8/19/03
MECH	J.Citrolo	8/19/03
PROC		
QUAL		
PGMS		
Polyfet RF Devices		
TB183A, 300W, 1.5-30MHZ		
SIZE	F SCM NO.	SR341 Vds=50Vdc Idq=1A
REV		A

PCB is FR4, H=0.064", double-sided 2 oz. copper, Er=3.55



To R1 and R2

C13

VR1

R06

C15

Neg

R07

L2

To drain supply.

C1,2,3,11,12,13,14	ATC-200B 100nf
C4-8	1uf 50V Tantalum
C9	ATC-100B 47pf
C10	ATC-700B 1000pf
C15,16	47uf 100V electrolytic
R1,2,6,7	10K 1/4W axial
R3	1/4W 9.1 ohm
R4,5	1210 chip, 1K ohm
R8	10K Pot
R9	VPP4001-26 thermistor Western Electronics Comp. Corp
VR1	NTE951 Voltage Regulator
D1	gen. pur. diode
L2	850mu, 5 turns 18AWG

L1: 125mu Amidon FT-50-61 pair of #20AWG wound 5 times through toroid

T1: 125mu binocular core Amidon BN-61-202 #24 AWG insulated wire 3 turns

T2: STACKPOLE 57-9322 125mu, 14 turns of 25ohm micro-coax on each core Outer conducters tied together and floating

DRN BY: J. Citrulo	8/19/03	POLYFET RF DEVICES
CHKD:		
ELECT: J. Citrulo	8/19/03	
MECH: J. Citrulo	8/19/03	
PROC:		
QUAL:		TB183A, 1.5-30MHz, SR341
PKGS:		SIZE FSCM NO. REV
		300w, Vds=50Vdc, Idq=1A
		A
		SCALE: pcb 1:1
		SHEET 1 OF 1