



NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0402.
2. INSTALL SHUNTS ON JP1 PIN 2 AND 3, AND JP2 PIN 1 AND 2.

- * CINA IS AN OPTIONAL PART. IT IS INSERTED ON THE DC813A TO DAMPEN THE (POSSIBLE) RINGING VOLTAGE DUE TO THE INDUCTANCE OF LONG INPUT CABLES. ON NORMAL, TYPICAL PCBS, WITH SHORT TRACES, CINA IS NOT NEEDED.
- ** 3V IS THE MINIMUM INPUT VOLTAGE THAT THE LT3013 WILL OPERATE AT. THE MINIMUM INPUT VOLTAGE FOR A SPECIFIC REGULATOR CIRCUIT DEPENDS ON THE OUTPUT VOLTAGE (PLUS THE DROPOUT VOLTAGE).

<p>CUSTOMER NOTICE</p> <p>LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>	CONTRACT NO.		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 LTC Confidential-For Customer Use Only		
	APPROVALS		<p>TITLE: SCHEMATIC</p> <p>HIGH VOLTAGE MICROPPOWER VOLTAGE REGULATOR</p>		
	DRAWN: KIM T.	DATE: Monday, September 19, 2005			
	CHECKED:	DESIGNER:	SIZE A	DWG NO. DC813A * LT3013EDE	REV A
	APPROVED:	ENGINEER: TOM G.			