



**NOTE: UNLESS OTHERWISE SPECIFIED**

- 1. ALL RESISTORS ARE IN OHMS, 0603.  
ALL CAPACITORS ARE IN MICROFARADS, 0603.
- 2. FOR ALL OPTIONAL COMPONENTS ON BOARDS:  
Q1, R5, R6, C9: SHOW OUTLINE AND REFERENCE DESIGNATORS.  
D3, D4: NO OUTLINE, SHOW REFERENCE DESIGNATORS.  
C6, C7, C8, R4: NO OUTLINE, NO REFERENCE DESIGNATORS.

<p><b>CUSTOMER NOTICE</b></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><b>2A 100kHz HIGH VOLTAGE BUCK CONVERTER</b></p>	
	DRAWN: KIM T.			
	CHECKED:			
	APPROVED:			
ENGINEER: KEITH S.	SIZE	DWG NO.	REV	
DESIGNER:	<b>A</b>	<b>DC1200A * LT3430EFE-1</b>	<b>A</b>	
DATE: Thursday, February 08, 2007		SHEET 1 OF 1		