



**\* FOR ASSEMBLY**

VERSIONS	+VIN	+VOUT	CIN1 - CIN4	C6	R5	R7	R8	RCS1	Q1	Q2	T1
- A	36V - 72V	24V / 5A	4.7uF / 100V,X7S	47nF / 1206	28K	3.48K	4.22K	11m / Wide 1206	FDMS86200DC	Si7117DN	G45R2-0808-S01-80R
- B	18V - 36V	24V / 5A	10uF / 50V	150nF / 1210	40.2K	7.32K	8.66K	5m / 0815	FDMS86101DC	Si2337DS	G45R2-0408-S01-25R
- C	9V - 18V	24V / 4A	22uF / 25V	330nF / 1812	40.2K	16.2K	19.6K	3m / 0815	BSC010N04LS	SQ1421EEH	G45R2-0208-S01-8R0

NOTE:  
 UNLESS OTHERWISE SPECIFIED:  
 ALL RESISTORS & CAPACITORS ARE 0603 .  
 ALL RESISTORS ARE 1% RESISTORS.  
 ALL CERAMIC CAPACITORS ARE X7R

EVAL1: EFE PACKAGE (FE38 (31))  
 BOARD SIZE: 2.30 BY 1.45

<b>CUSTOMER NOTICE</b>		<b>LINEAR TECHNOLOGY</b>		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
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.					
TITLE: SCHEMATIC ISOLATED FORWARD DC/DC CONVERTER IN 1/8 BRICK					
SIZE	IC NO.	<b>LT3753EFE</b>		REV.	
N/A		<b>DEMO CIRCUIT 2324A</b>		4	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.					
DATE:	Wednesday, April 20, 2016				SHEET 1 OF 1