



**\* VERSION TABLE**

VERSION	Vout/Iout	C31, C68	C33	C34	C66	C51, C69	C70	C75	C79	D30	D31	L6	Q8	Q12-Q15	Q23, Q24	R23, R24, R51, R52	R41	R48	R68	R76	R78	R84	R102	R107	R108	T1
DC888A-A	3.3V@50A	220uF, 4V	22uF	22uF	1.5nF	4.7nF	3.3nF	47pF	4.7nF	opt.	opt.	PA1382.650	opt.	Si7336ADP		5.1	2.74K	0.015	9.1K	9.53	620	2.2K	opt.	opt.	0	PA0950(6:6:1:1)
DC888A-B	5.0V@40A	220uF, 6.3V	22uF	22uF	1.5nF	2.2nF	3.3nF	100pF	3.3nF	opt.	opt.	PA1382.650	Si7450DP	Si7336ADP		6.8	4.42K	0.015	9.1K	8.06	750	1.0K	opt.	opt.	0	PA0954(4:4:1:1)
DC888A-C	12V@20A	68uF, 16V	opt	10uF	680pF	1.0nF	10nF	470pF	4.7nF	BAS21	MMBZ5258B	PA1494.242	Si7450DP	HAT2244WP	opt.	10	11.5K	0.010	6.2K	7.50	390	330	240	0	opt.	PA0955(6:6:2:1)

NOTE:  
 C2-C5 2.2uF, 100V Murata GRM32ER7A225K  
 L5 VISHAY IHLPL2525CZERR68M01  
 T2 Pulse PA1954NL

**CUSTOMER NOTICE**  
 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.  
 THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

CONTRACT NO.	
APPROVALS	DATE
DRAWN J. WU	10/16/06
CHECKED	
APPROVED	
ENGINEER R. Huff	10/16/06
DESIGNER	
Thursday, August 30, 2007	

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TITLE: LTC3725EMSE, LTC3706EGN, 36V - 72Vin Forward Converter

SIZE: CAGE CODE: DWGNO: DC888A REV: A

SCALE: FILENAME: SHEET 1 OF 1