This circuit is proprietary to Linear Technology and supplied for use with Linear Technology parts.

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 Applications Engineering for assistance. ECO REV DESCRIPTION DATE APPROVED 2 PROTO 07/21/08 VOUT VIN E1 E5 VIN 🔘 -⊘+VOUT 5 6 CIN1 TUF 100V CIN2 TUF 100V R3 10K Col Co2 Co3 18V - 75V C8. 100uF 100uF = 100uF 3.3V / 3A 4700pF D1 6.3V 6.3V 6.3V E6 SEC. RTN BAV21W UPS840 GND O BAS516 4.7uF 51.1 1% R18 50V 0 Q2 PA1277NL VOUT Si4848DY C2 R20 100pF 6.81K 1% D4 VOUT C3 BAT54C OPT — OPT U1 VIN RCS1 R15 VIN LT3758EMSE 0.040 C15 OPT 0 C6 0.1uF R8 RUN R11 105K INTVCC ON R4 0 R14 499 1% C12 1% D3 U3 GATE 100K SHDN/UVLO BAS516 LT4430ES6 270pF SENSE OFF SYNC C11 ,OPT SYNO VIN OPTO R6 8.66K 上C10 上C16 S R9 C5 GND СОМ R12 0 1% OPT 10K 220pF C7 PS2801-1 10nF 4.22K 1% 0.47uF R5 C9 R13 36.5K 22.1K 1% 2200pF 250V 1% R10 OPT \$ R16 OPT CONTRACT NO. LITER 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 APPROVALS DATE

DRAWN MI

PPROVED ENGINEER

DESIGNER

Monday, May 04, 2009

CHECKED

03/14/07 TITLE

SIZE CAGE CODE

SCALE:NONE FILENAME: 1412A-2.DSN

SCH, LT3758EMSE, FLYBACK CONVERTER

DC1412A

SHEET 1

REV 2

OF

DWGNO

REVISION HISTORY