

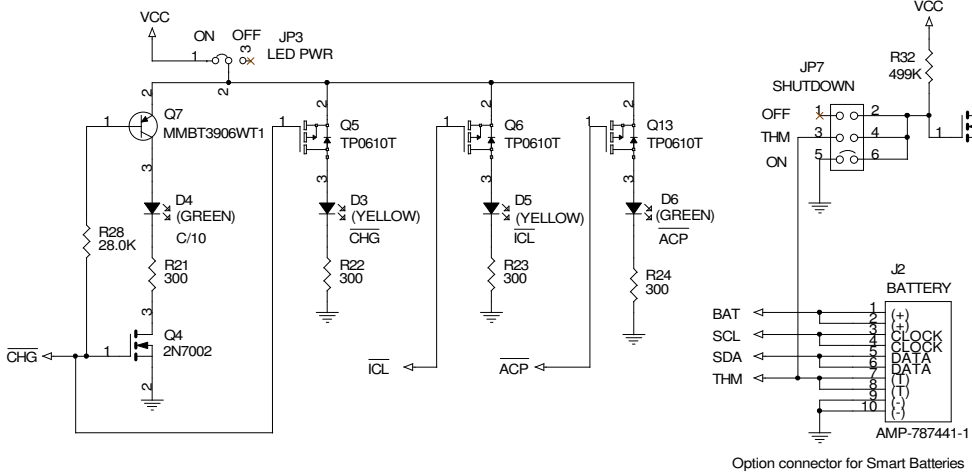
* JP1, JP2 SETUP

LTC4009CUF-1 (OPTION)	LTC4009CUF-2	JP1	JP2	Default
4.1V	4.2V	2-3	2-3	
8.2V	8.4V	2-3	1-2	
12.3V	12.6V	1-2	2-3	12.6V
16.4V	16.8V	1-2	1-2	

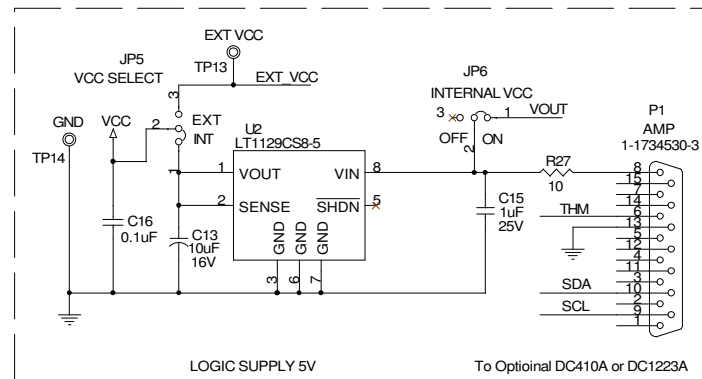
Note: Remove all jumpers if LTC4009CUF is used. Use R17 and R19 instead.

** = No stuff. Part are only used for LTC4009CUF. Resistor Tolerance of R17 and R19 is 0.25%.

SGND



Option connector for Smart Batteries



LOGIC SUPPLY 5V

To Optional DC410A or DC1223A

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 June Wu	4/3/07
CHECKED	
APPROVED	
ENGINEER Mark Gurries	4/3/07
DESIGNER	



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TITLE
**LTC4009CUF-2
Three Cell 12.6V@2A Switching Battery Charger**

SIZE CAGE CODE DWG NO
DC1104A

REVISION
REV A

Monday, July 07, 2008

SCALE: FILENAME: SHEET 1 OF 1