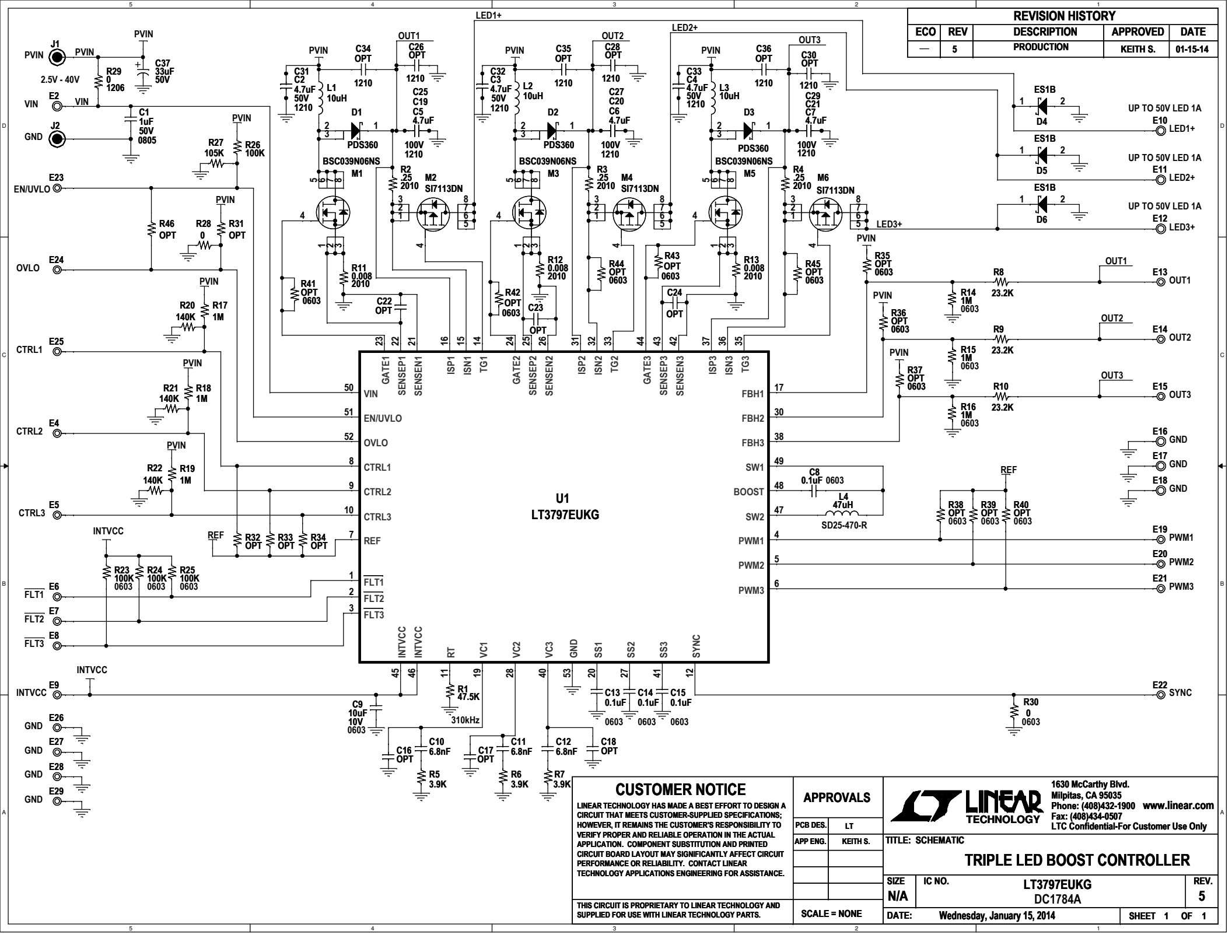
REVISION HISTORY
ECO | REV | DESCRIPTION | APPROVED | DATE
— | 5 | PRODUCTION | KEITH S. | 01-15-14
U1
LT3797EUKG
PVIN
2.5V - 40V
VIN
GND
EN/UVLO
OVLO
CTRL1
CTRL2
CTRL3
REF
INTVCC
FLT1
FLT2
FLT3
SYNC
LED1+
LED2+
LED3+
OUT1
OUT2
OUT3
PWM1
PWM2
PWM3
GND
UP TO 50V LED 1A
PDS360
BSC039N06NS
SI7113DN
SD25-470-R
310kHz
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.
APPROVALS
PCB DES. LT
APP ENG. KEITH S.
SCALE = NONE
LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900 www.linear.com
Fax: (408)434-0507
LTC Confidential-For Customer Use Only
TITLE: SCHEMATIC
TRIPLE LED BOOST CONTROLLER
SIZE N/A
IC NO. LT3797EUKG
DC1784A
REV. 5
DATE: Wednesday, January 15, 2014
SHEET 1 OF 1