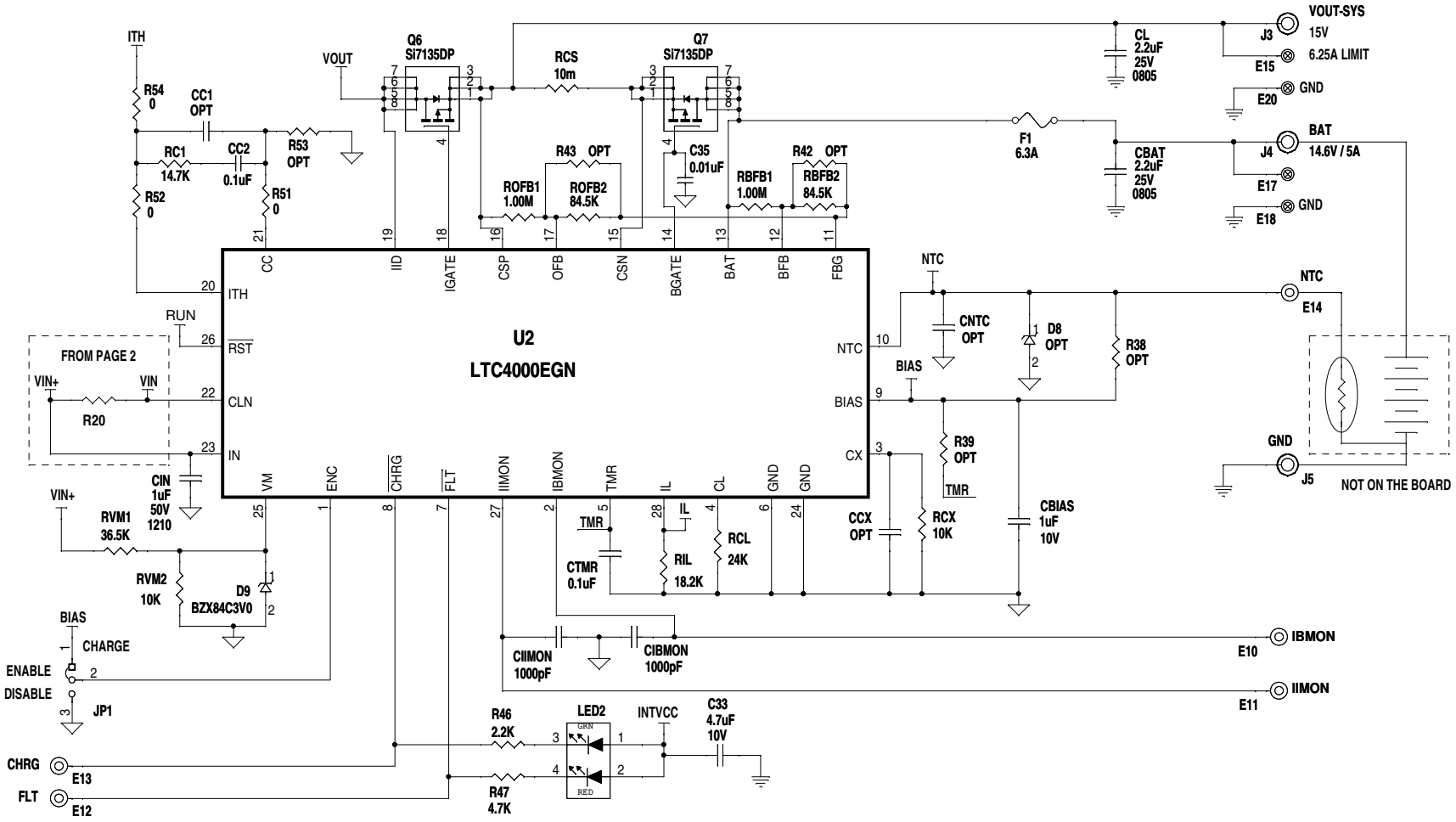
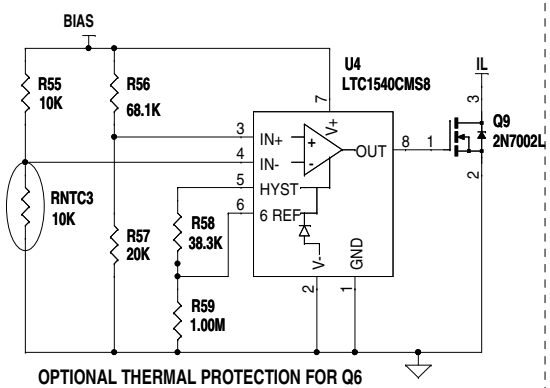
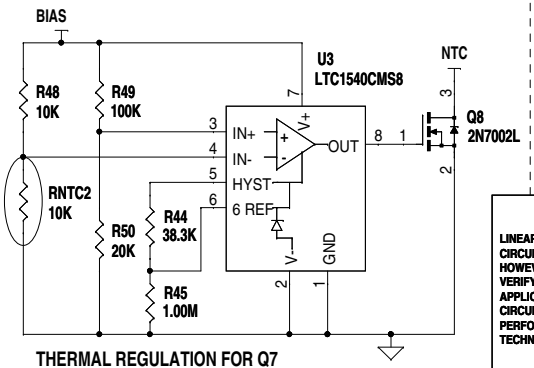
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	2	PRODUCTION	DAVID B.	05-11-11





OPTIONAL THERMAL PROTECTION FOR Q6
DURING VOUT-SYS SHORT CIRCUIT



THERMAL REGULATION FOR Q7
DURING 'INSTANT-ON' OPERATION

NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0603.
   ALL CAPACITORS ARE IN MICROFARADS, 0603.

APPROVALS	
PCB DES.	AK
APP ENG.	DAVID B.

SCALE = NONE

LINEAR TECHNOLOGY
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Milpitas, CA 95035
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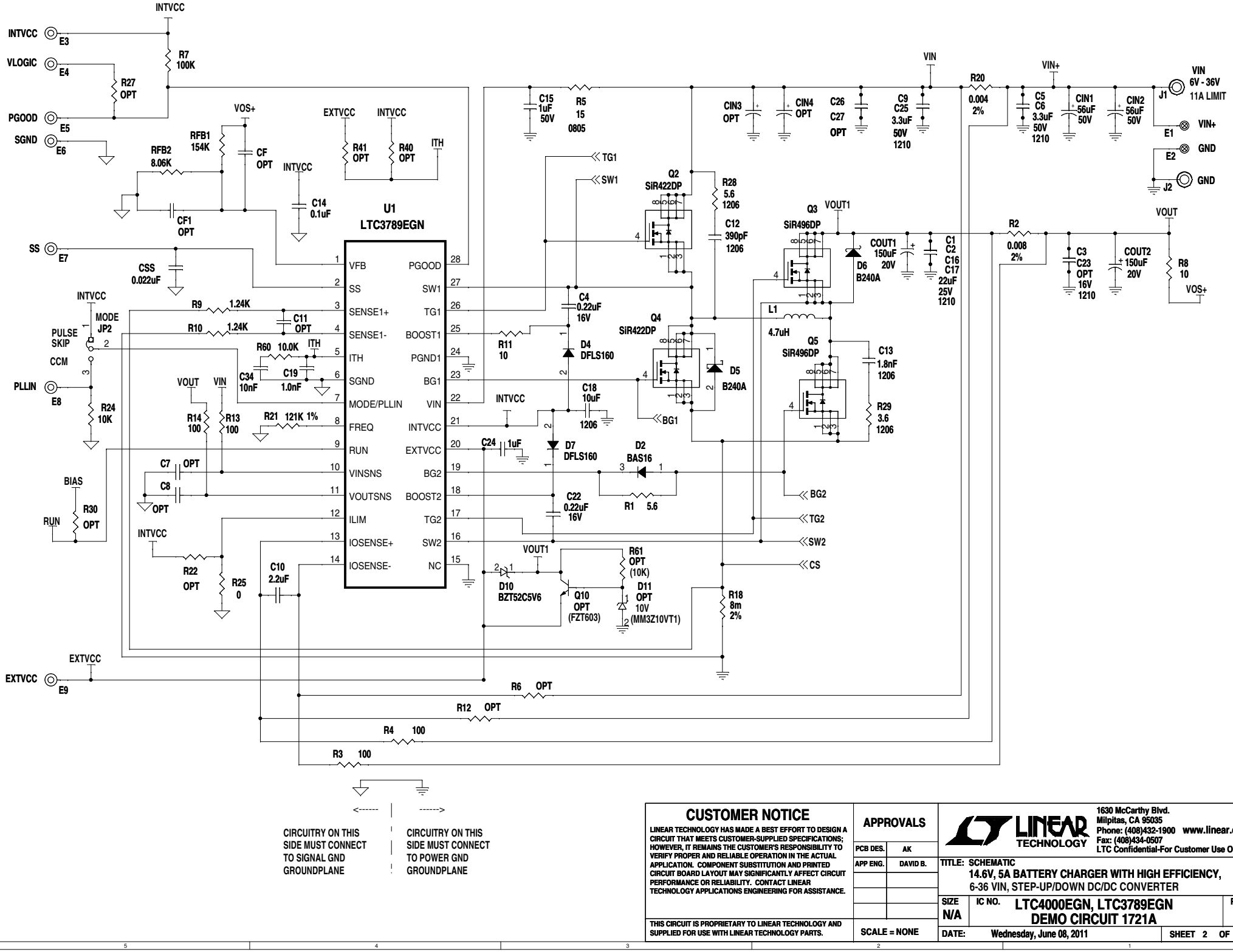
TITLE: SCHEMATIC
14.6V, 5A BATTERY CHARGER WITH HIGH EFFICIENCY,
6-36 VIN, STEP-UP/DOWN DC/DC CONVERTER

SIZE	IC NO.	REV.
N/A	LTC4000EGN, LTC3789EGN DEMO CIRCUIT 1721A	2

DATE: Wednesday, June 08, 2011 SHEET 1 OF 2



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.	AK
APP ENG.	DAVID B.

SCALE = NONE

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DATE: Wednesday, June 08, 2011 SHEET 2 OF 2