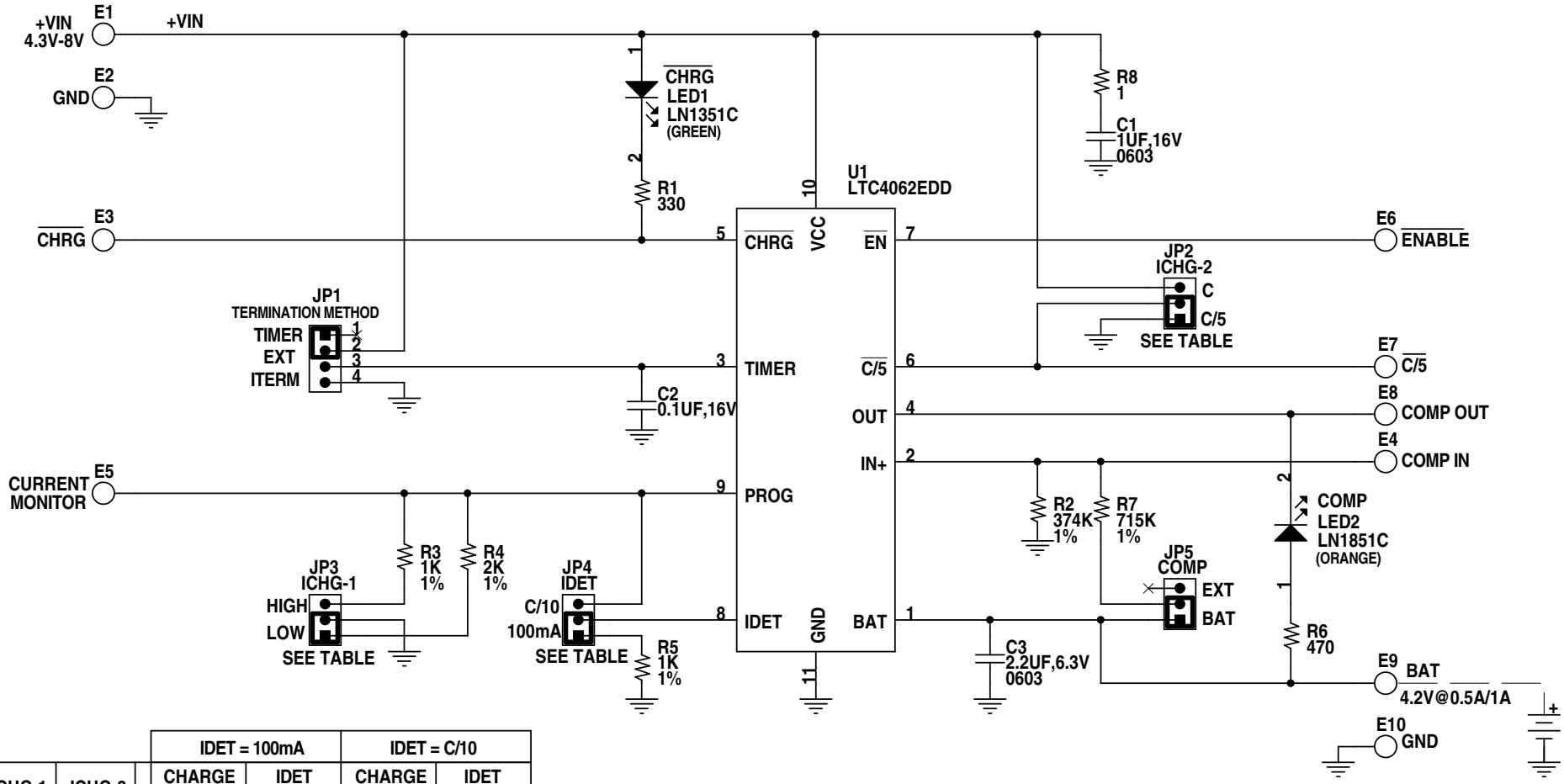

		IDET = 100mA		IDET = C/10	
ICHG-1	ICHG-2	CHARGE CURRENT	IDET 100mA	CHARGE CURRENT	IDET C/10
HIGH	C	1A	100mA	500mA	50mA
	C/5	200mA	100mA	100mA	50mA
LOW	C	500mA	100mA	250mA	25mA
	C/5	100mA	100mA	50mA	25mA

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0402.
   ALL CAPACITOR ARE 0402.
2. INSTALL SHUNTS ON JP1-JP5 PIN 1 AND 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 CIRUIT 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

DRAWN: KIM T.

CHECKED:

APPROVED:

ENGINEER: FRAN H.

DESIGNER:

LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
Fax: (408)434-0507
LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

SINGLE CELL LI-ION BATTERY CHARGER WITH COMPARATOR

SIZE A | DWG NO. DC789A-1*LTC4062EDD | REV A

DATE: Thursday, January 13, 2005 | SHEET 1 OF 1