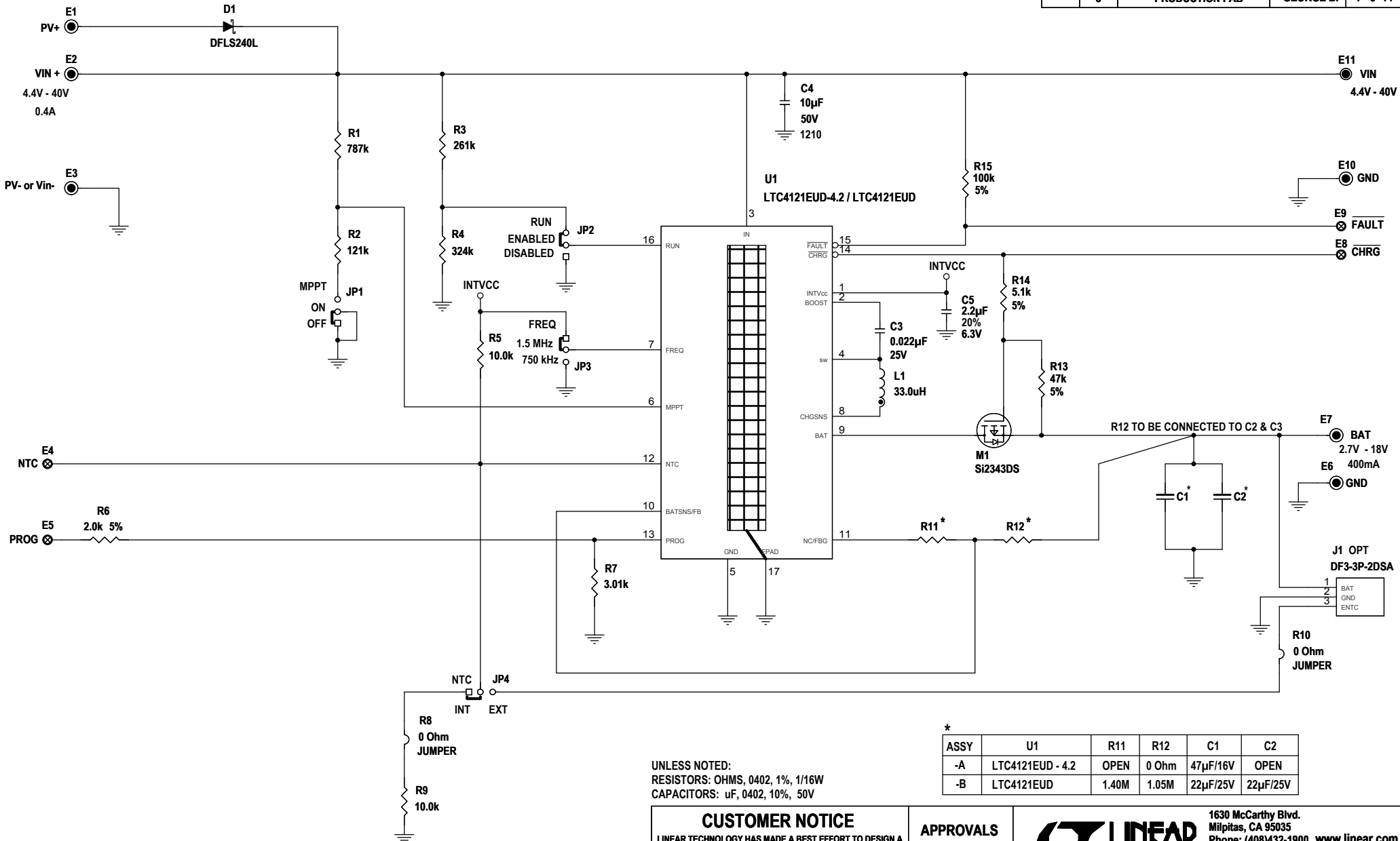


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION FAB	GEORGE B.	7 - 9- 14



UNLESS NOTED:  
 RESISTORS: OHMS, 0402, 1%, 1/16W  
 CAPACITORS: uF, 0402, 10%, 50V

ASSY	U1	R11	R12	C1	C2
-A	LTC4121EUD - 4.2	OPEN	0 Ohm	47uF/16V	OPEN
-B	LTC4121EUD	1.40M	1.05M	22uF/25V	22uF/25V

### 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. NC

APP ENG. GEORGE B.

SCALE = NONE



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  
**40V 400mA SYNCHRONOUS STEP-DOWN BATTERY CHARGER**

SIZE N/A IC NO. LTC4121EUD - 4.2 / LTC4121EUD  
**DEMO CIRCUIT 1977A - A / B**

DATE: 7 - 9- 14 SHEET 1 OF 1