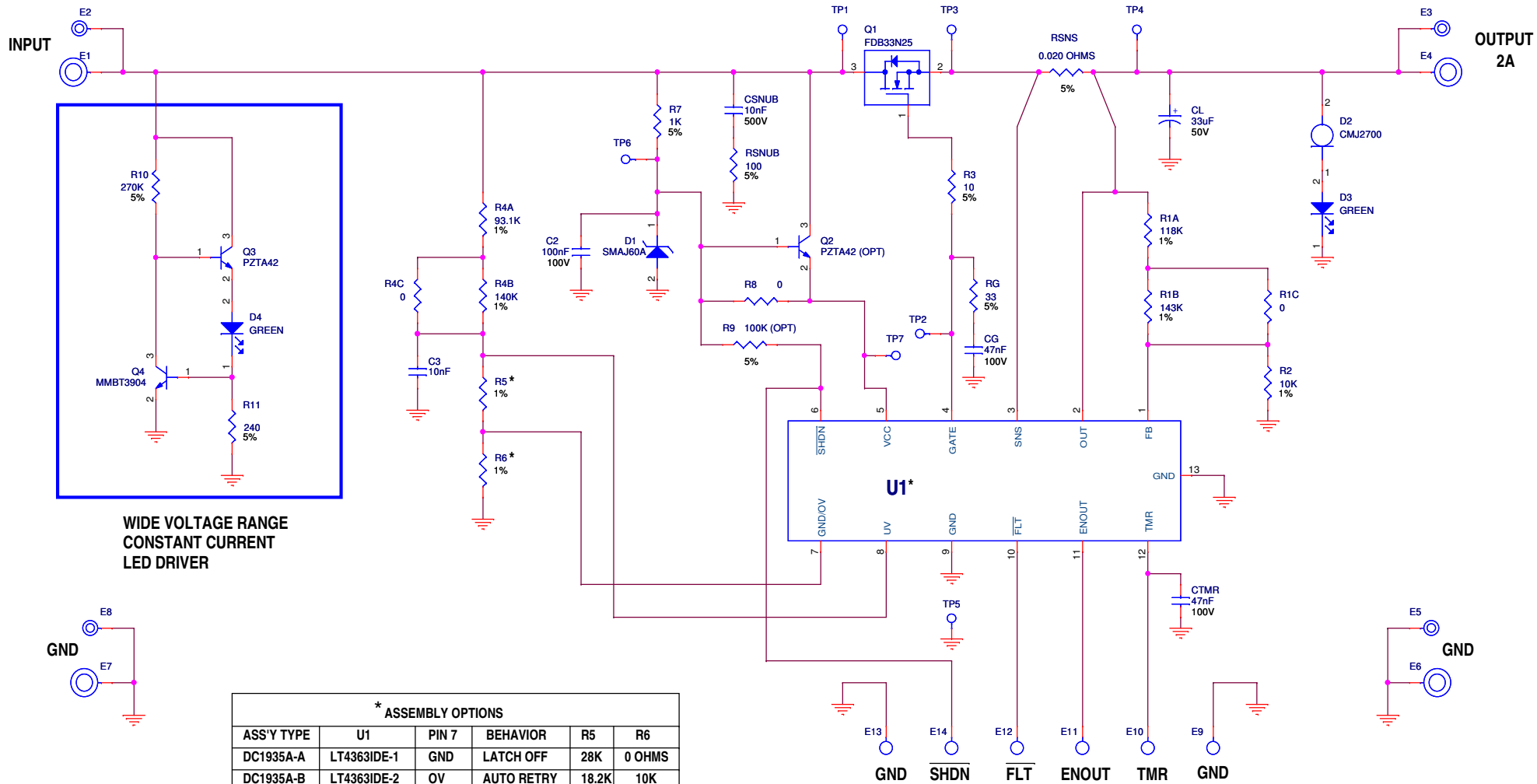


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	M.LEE	11/11/2011



WIDE VOLTAGE RANGE  
CONSTANT CURRENT  
LED DRIVER

* ASSEMBLY OPTIONS					
ASS'Y TYPE	U1	PIN 7	BEHAVIOR	R5	R6
DC1935A-A	LT4363IDE-1	GND	LATCH OFF	28K	0 OHMS
DC1935A-B	LT4363IDE-2	OV	AUTO RETRY	18.2K	10K

R1C,R4C ARE USED TO SELECT EITHER  
12V OR 28V OPERATION

NOMINAL INPUT	12V	28V
R1C, R4C	0 OHMS	OPEN
INPUT OPERATING RANGE	5.7V-14.7V	12.4V-31.6V
INPUT DC SURVIVAL	80V	
INPUT 1ms TRANSIENT	250V	
OUTPUT REGULATION	16.3V	34.6V
UV	5.6V	11.9V
OV RETRY INHIBIT	15.5V	33.3V

**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.

APPROVALS	
PCB DES.	M.HAWKINS
APP ENG.	M.LEE

**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  
**HIGH VOLTAGE SURGE STOPPER  
WITH CURRENT LIMIT**

SIZE N/A IC NO. LT4363IDE-1,2 REV. 1  
**DEMO CIRCUIT 1935A**

DATE: 11/11/2011 SHEET 1 OF 1

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

SCALE = NONE