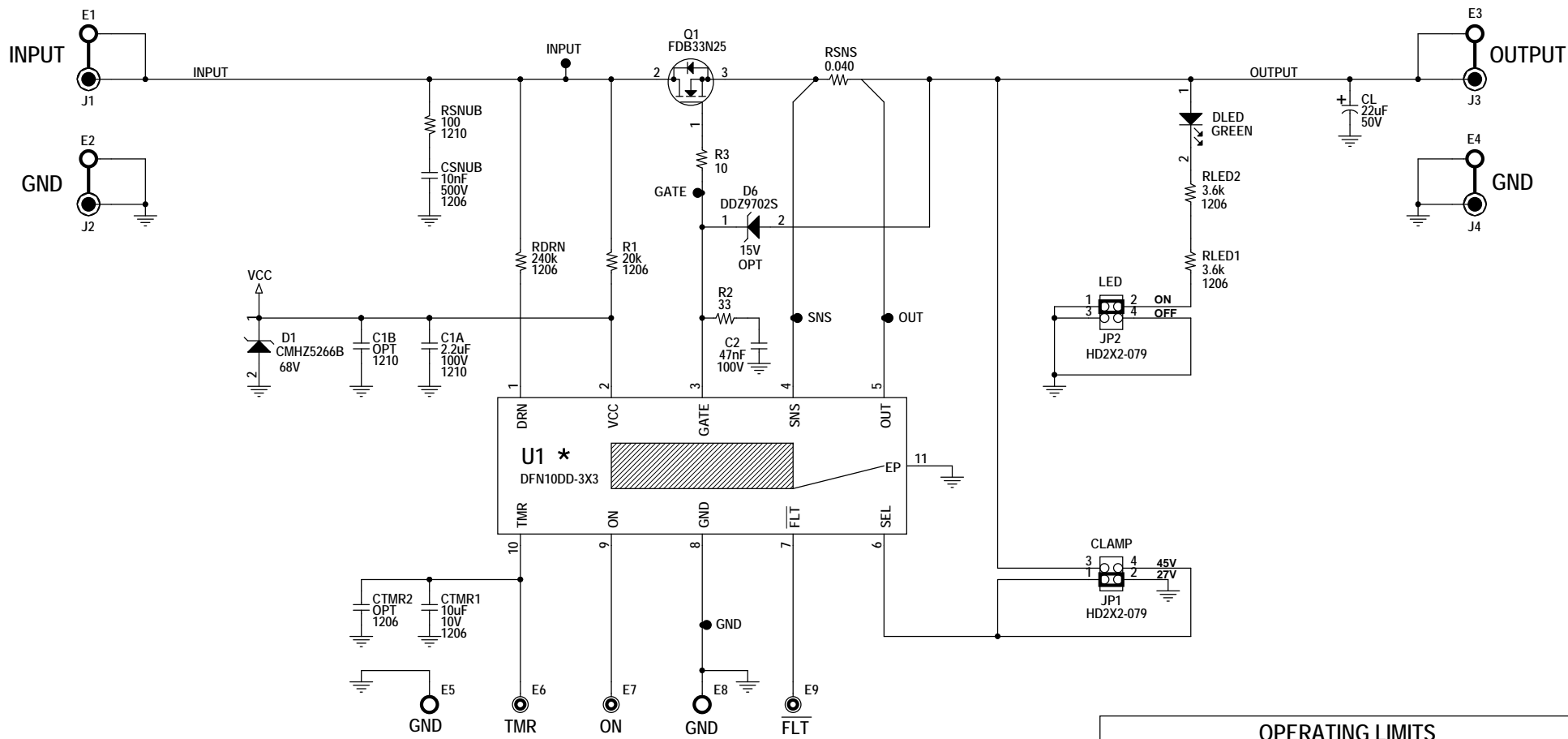


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION	MITCHELL L.	04-06-16



NOTE: UNLESS OTHERWISE SPECIFIED
 1. ALL RESISTORS AND CAPACITORS ARE 0805.

* ASSY	U1	SUFFIX	TOP MARK	BEHAVIOR
A	LTC4380-1	1	LGHQ	LATCH OFF
B	LTC4380-2	2	LGHS	AUTO RETRY

OPERATING LIMITS		
SYSTEM VOLTAGE	12V	24 / 28V
CLAMP SELECT	27V	45V
DC OPERATING	4.2V TO 19V	4.2V TO 35V
DC SURVIVAL	80V	
SURGE RIDE-THROUGH	ISO-7637-2 TEST PULSE 5A	
1ms TRANSIENT	250V	
CURRENT LIMIT	1.25A	
MAXIMUM LOAD	1A	0.5A

CUSTOMER NOTICE		APPROVALS		LINEAR TECHNOLOGY	
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.		PCB DES.	KIM T.	1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
		APP ENG.	MITCHELL L.	TITLE: SCHEMATIC	
				SIMPLE SURGE STOPPER	
		SIZE	IC NO.	LTC4380IDD-1/-2	
		N/A		DEMO CIRCUIT 2178A	
		SCALE = NONE		DATE:	Wednesday, April 06, 2016
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.				SHEET	1 OF 1