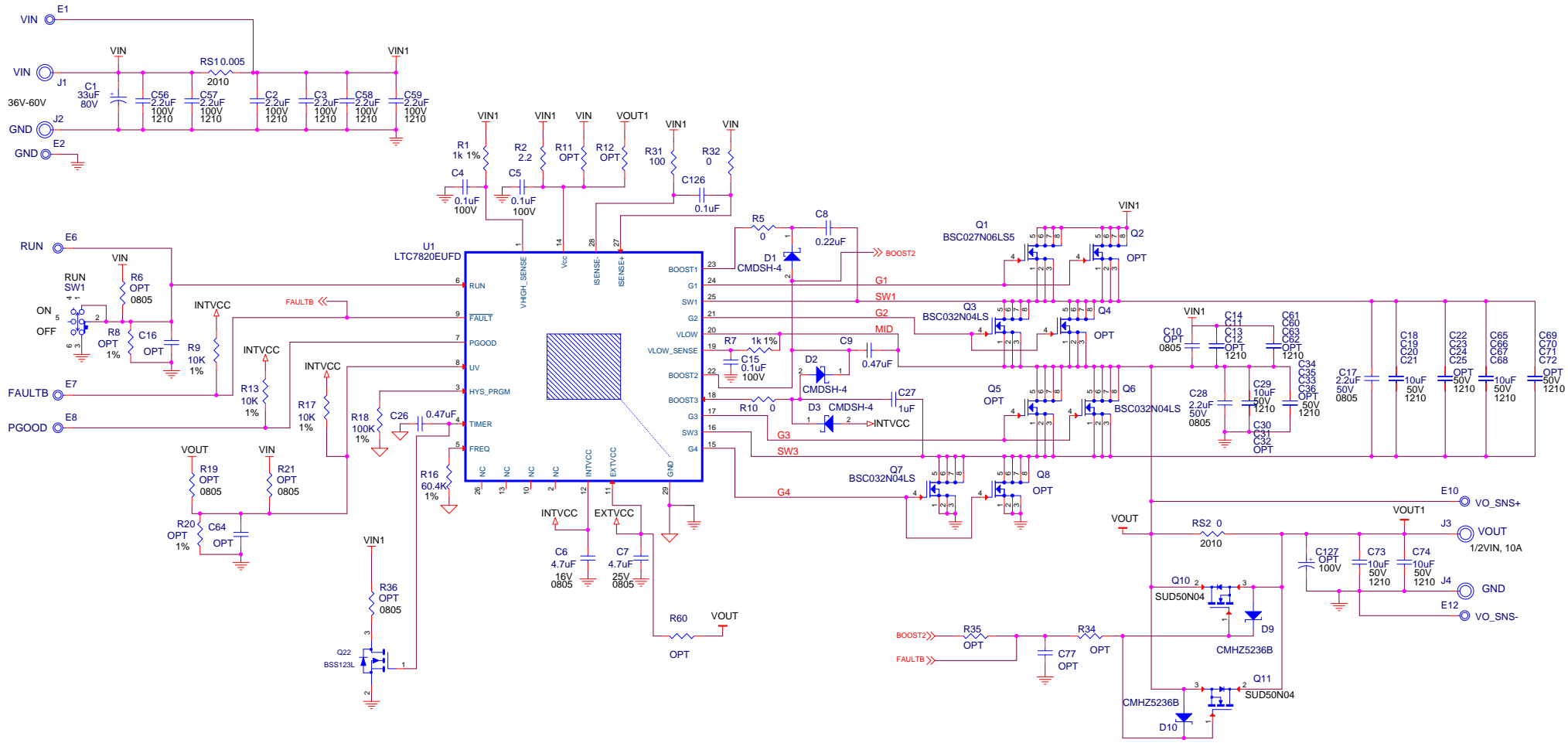


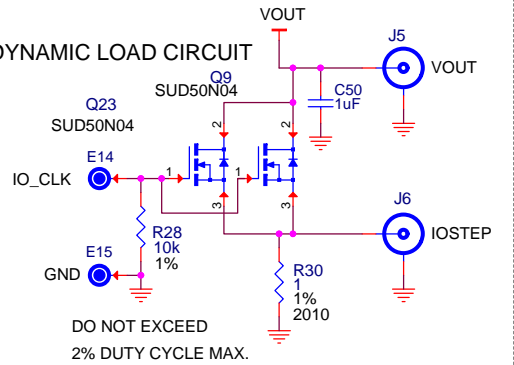
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	JL	3-29-17



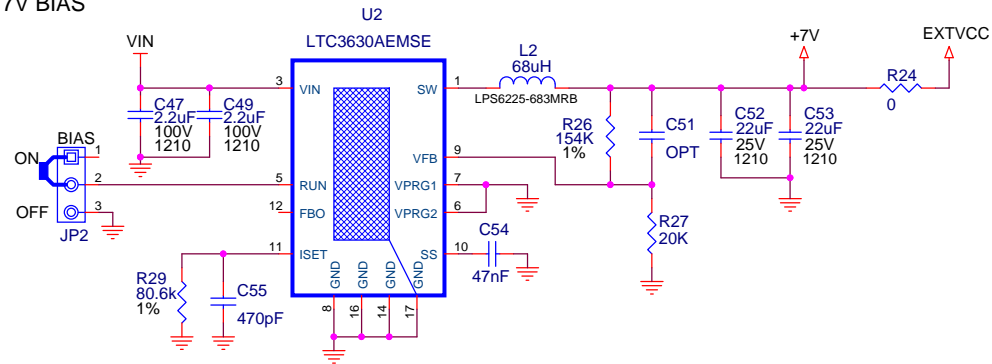
NOTES: UNLESS OTHERWISE SPECIFIED,
1. CAPACITORS AND RESISTORS ARE 0603.


<p>CUSTOMER NOTICE</p> <p>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.</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>	<p>APPROVALS</p> <p>PCB DES: HZ</p> <p>APP ENG: JL</p> <p>SCALE = NONE</p>	<p>LINEAR TECHNOLOGY</p> <p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>	
	<p>TITLE: SCHEMATIC</p> <p>HIGH EFFICIENCY, CHARGE PUMP DC/DC CONVERTER</p>		
	<p>SIZE: N/A</p> <p>DATE: Friday, April 28, 2017</p>	<p>IC NO. LTC7820EUFD</p> <p>DEMO CIRCUIT 2543A</p>	<p>REV. 2</p> <p>SHEET 1 OF 2</p>

DYNAMIC LOAD CIRCUIT



7V BIAS



<p align="center">CUSTOMER NOTICE</p> <p>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.</p>		<p align="center">APPROVALS</p>		 <p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>
		PCB DES.	HZ	
<p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		APP ENG.	JL	<p>SIZE N/A</p> <p>IC NO. LTC7820EUF</p> <p>DEMO CIRCUIT 2543A</p> <p>REV. 2</p>
<p>SCALE = NONE</p>		DATE:	Friday, April 28, 2017	<p>SHEET 2 OF 2</p>