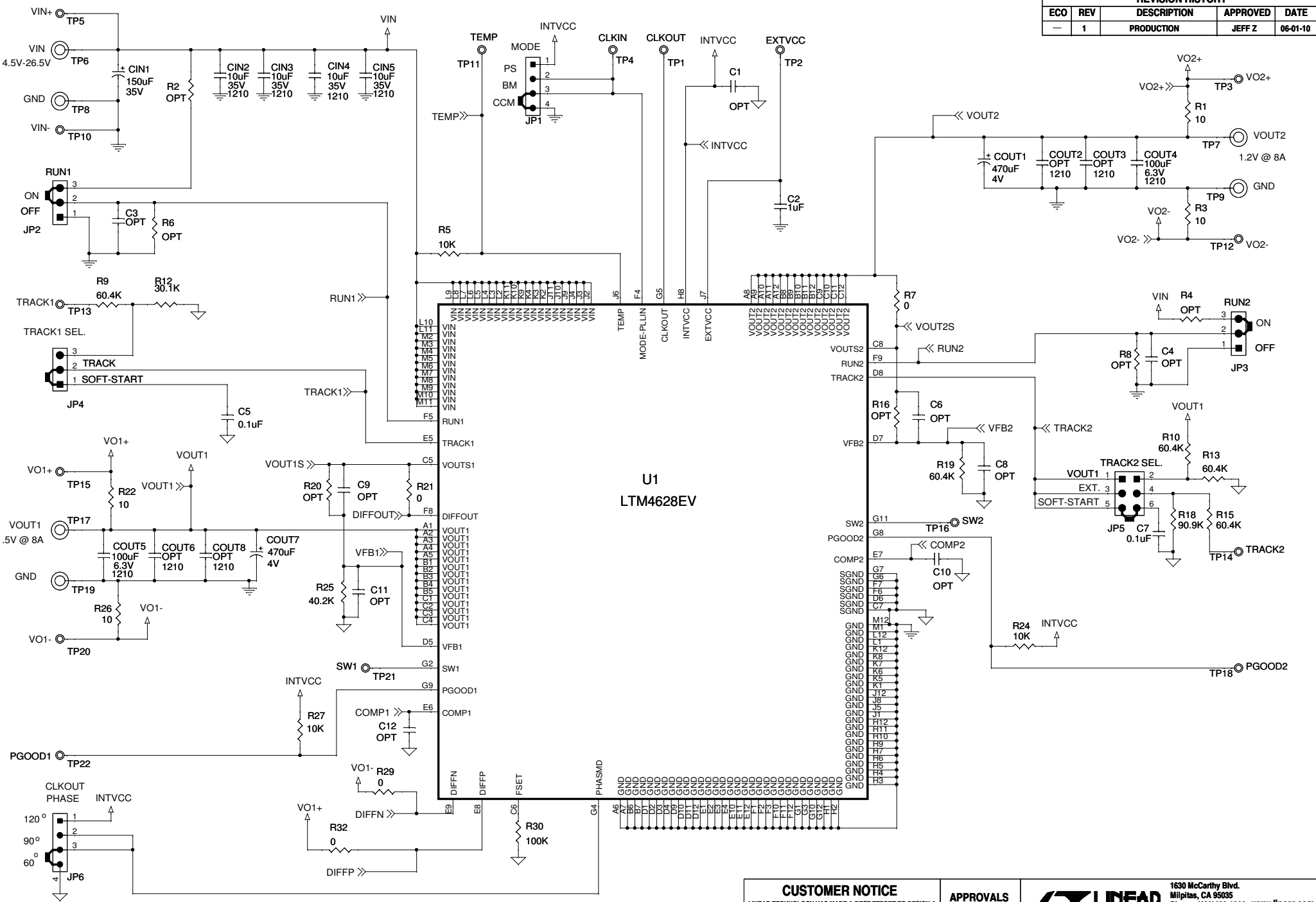


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	JEFF Z	06-01-10

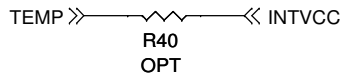


NOTE: UNLESS OTHERWISE SPECIFIED
 1. ALL RESISTORS ARE IN 0603.
 ALL CAPACITORS ARE IN 0603.

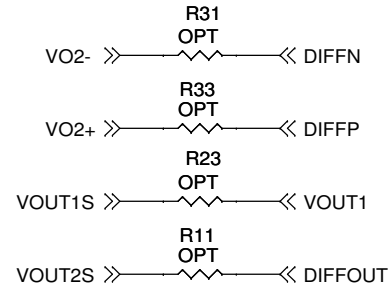
CUSTOMER NOTICE
 LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.

APPROVALS	
PCB DES.	AK
APP ENG.	JEFF Z.
SCALE = NONE	

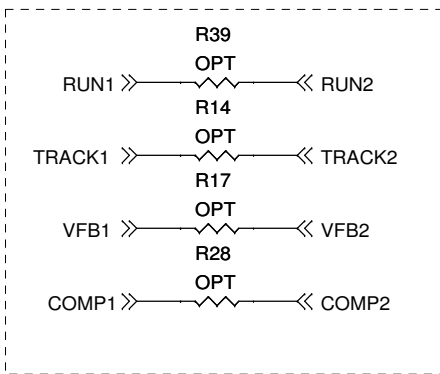
		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
		TITLE: SCHEMATIC HIGH EFFICIENCY, DUAL 8A STEP-DOWN uMODULE REGULATOR	
SIZE	IC NO.	LTM4628EV DEMO CIRCUIT 1663A	
REV.		1	
DATE:	Tuesday, September 07, 2010	SHEET 1 OF 2	



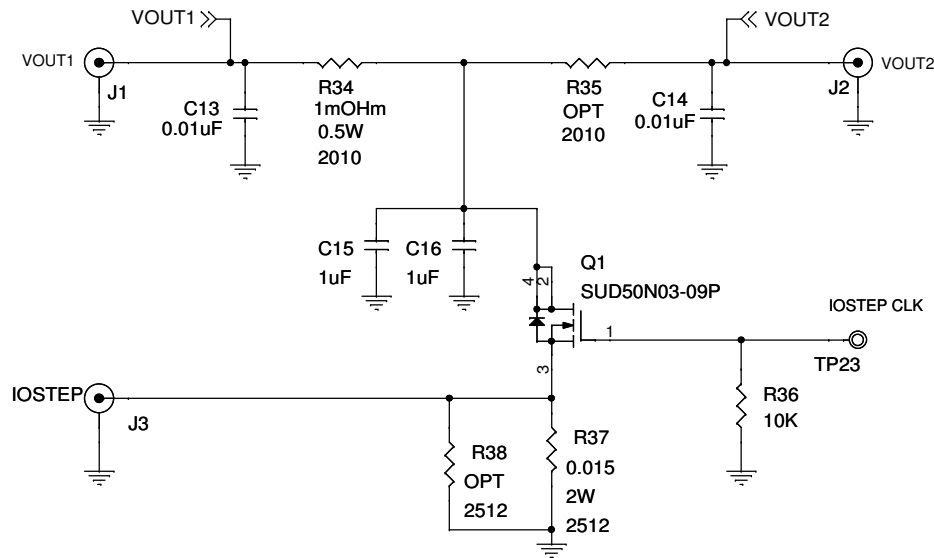
DIFF SENSING SELECTION



OPTIONAL JUMPER FOR 1 OUTPUT CONFIGURATION



LOAD TRANSIENT CIRCUIT



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.	AK
APP ENG.	JEFF Z.

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
HIGH EFFICIENCY, DUAL 8A STEP-DOWN uMODULE REGULATOR

SIZE N/A	IC NO. LTM4628EV	REV. 1
-------------	----------------------------	------------------

DATE: Tuesday, September 07, 2010

SHEET 2 OF 2