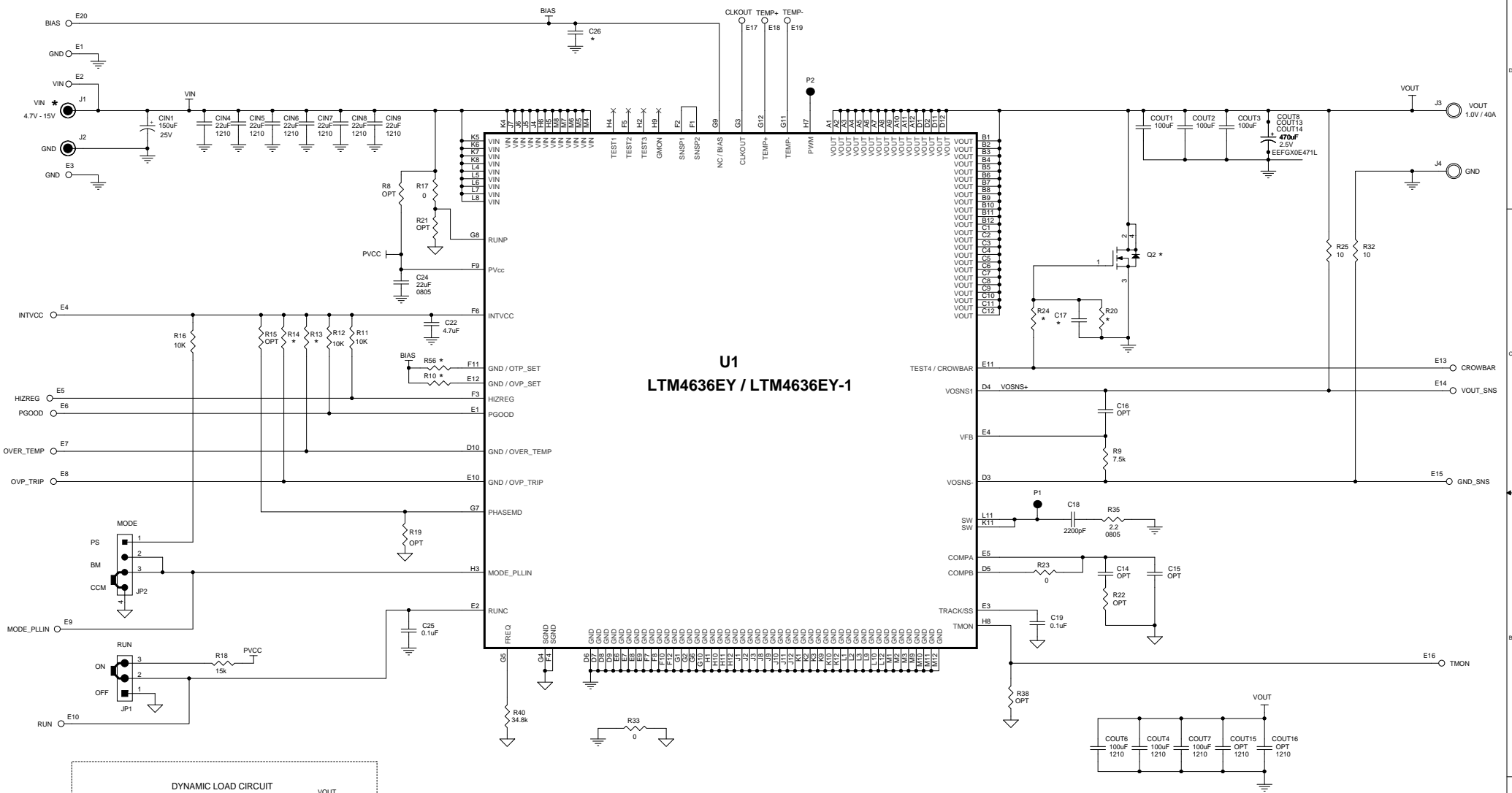


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	3	PRODUCTION	YL	09-12-16



WHEN VIN < 5.5V, SHORT PVCC TO VIN WITH R8 =R21= 0ohm and remove R17.

* PARTS LIST									
ASSY	I.C.	C17	C26	R10	R13,R14	R20	R24	R56	Q2
-A	LTM4636EY	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
-B	LTM4636EY-1	10nF	1uF	86.6k	10k	100k	0	66.5k	SUD50N04

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

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

### APPROVALS

PCB DES:	LT
APP ENG:	YL
SCALE:	NONE

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LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

SINGLE OUTPUT, HIGH CURRENT, STEP-DOWN  $\mu$ MODULE REGULATOR

SIZE B	IC NO. LTM4636EY	REV. 3
DATE: Monday, September 12, 2016	SHEET 1 OF 1	