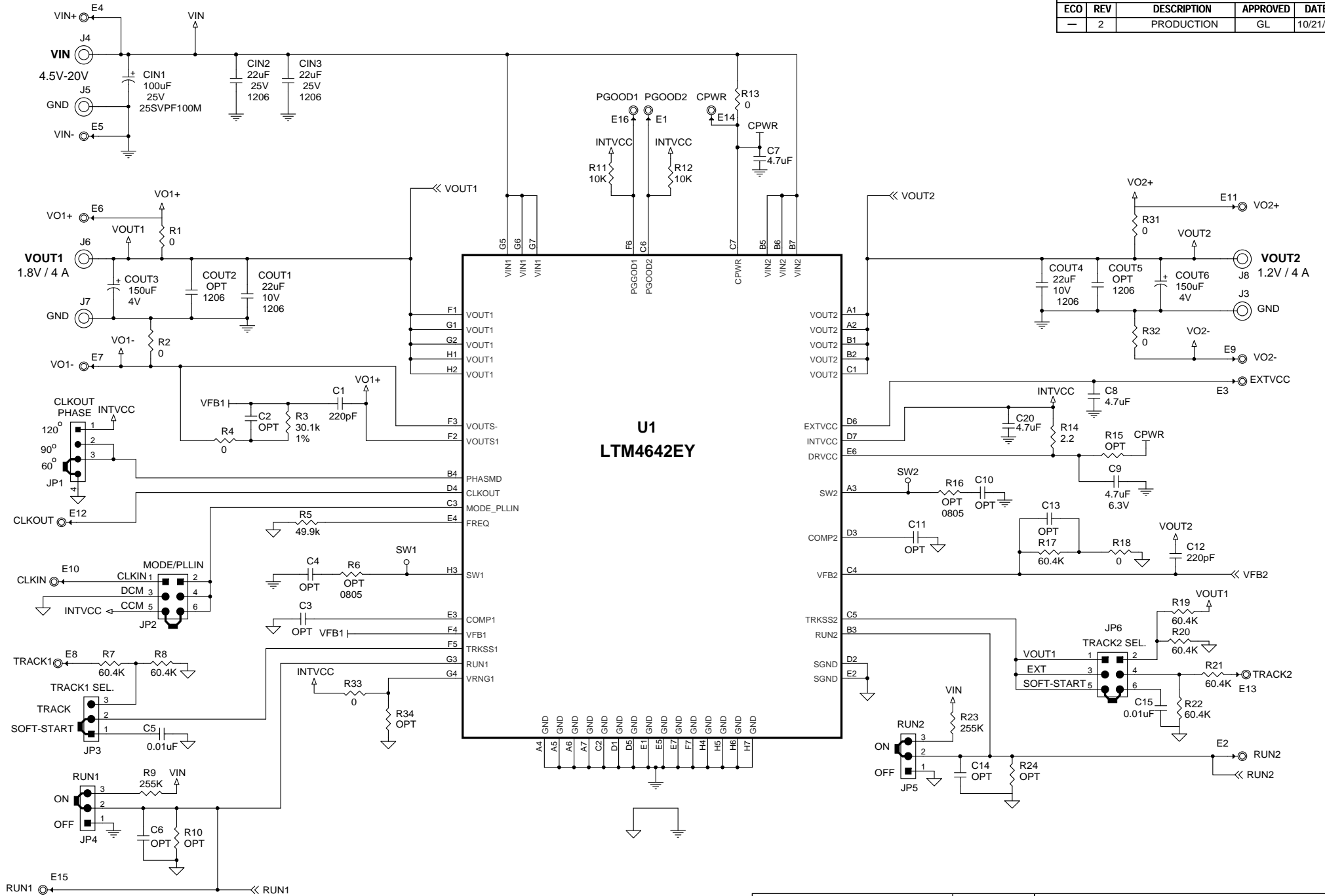



REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	2	PRODUCTION	GL	10/21/15



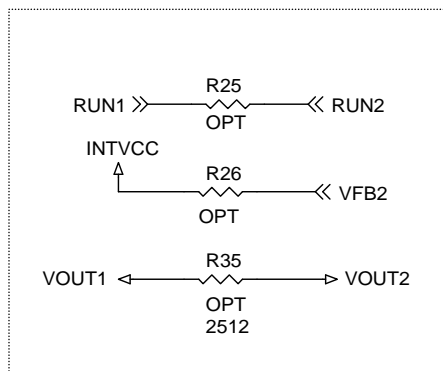
NOTE: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS ARE IN OHMS, 0603.
- ALL CAPACITORS ARE IN MICROFARADS, 0603.

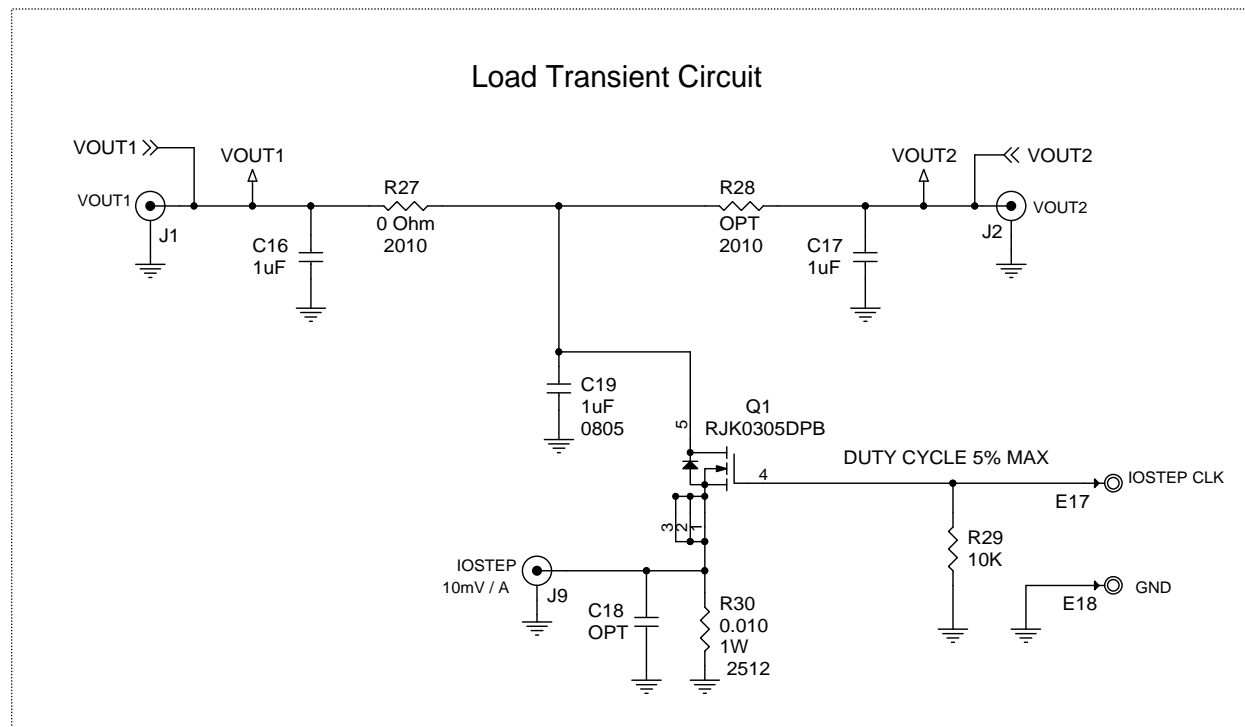
4.5V < VIN < 20V	CPWR = VIN	R13 = 0 OHM R15 = OPT
4.5V < VIN < 5.3V	DRVCC, CPWR = VIN	R15 = 0 OHM
2.375V < VIN < 4.5V	CPWR = EXT. 5V	R13 = OPT R15 = OPT

CUSTOMER NOTICE		APPROVALS		 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only		
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.	LT			
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	GL	TITLE: SCHEMATIC		
				HIGH DENSITY, DUAL 4A STEP-DOWN μ MODULE REGULATOR		
				SIZE N/A	IC NO. LTM4642EY	REV. 2
				DEMO CIRCUIT 2194A		
		SCALE = NONE		DATE: Wednesday, October 21, 2015	SHEET 1 OF 2	

OPTIONAL JUMPER FOR DUAL PHASE SINGLE OUTPUT CONFIGURATION



Load Transient Circuit



CUSTOMER NOTICE

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

APPROVALS

PCB DES.	LT
APP ENG.	GL

SCALE = NONE



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TITLE: SCHEMATIC
**HIGH DENSITY, DUAL 4A STEP-DOWN
μ MODULE REGULATOR**

SIZE N/A IC NO. **LTM4642EY** REV. 2
DEMO CIRCUIT 2194A

DATE: Wednesday, October 21, 2015 SHEET 2 OF 2