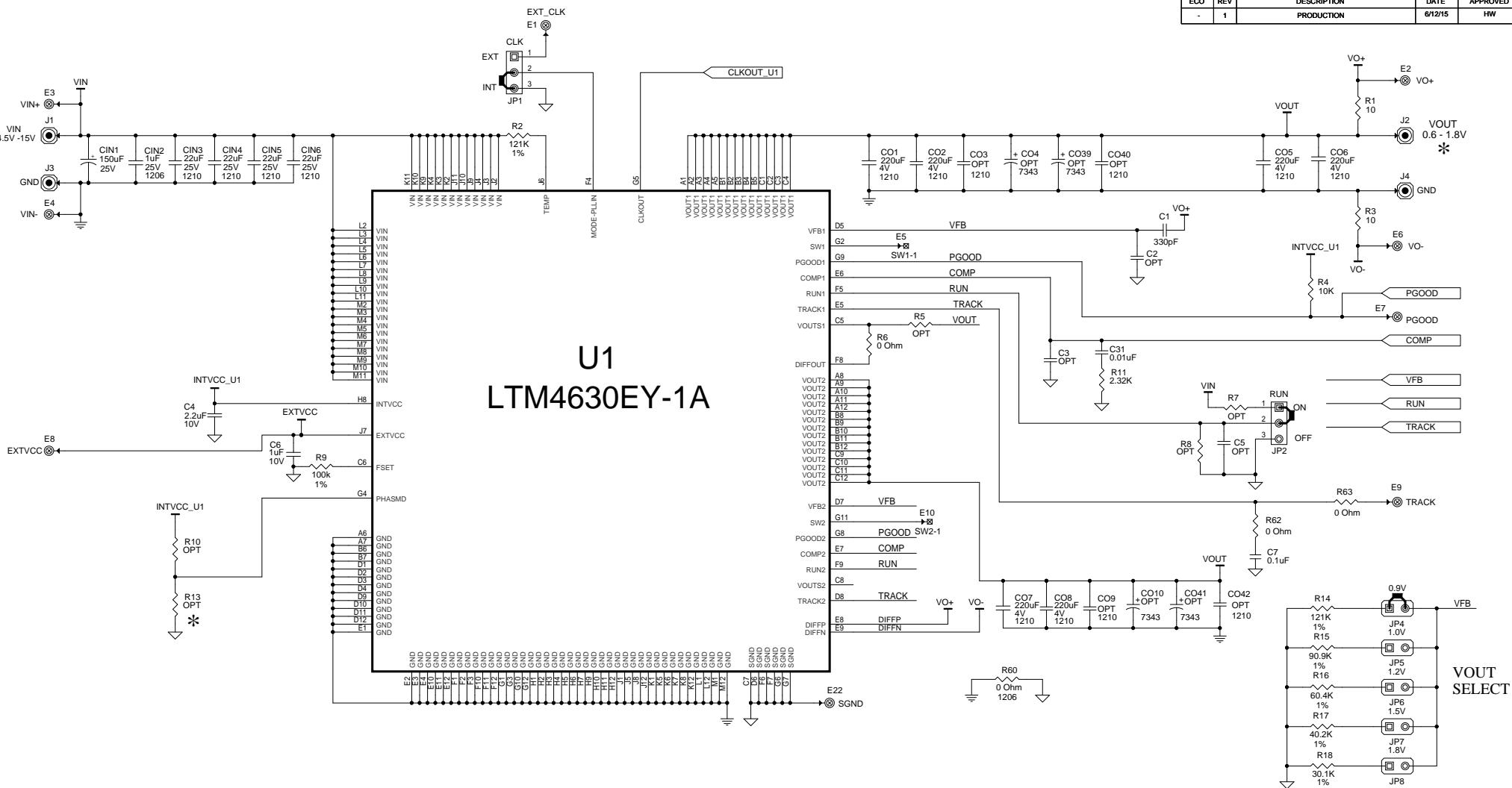


REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE APPROVED
-	1	PRODUCTION	6/12/15 HW



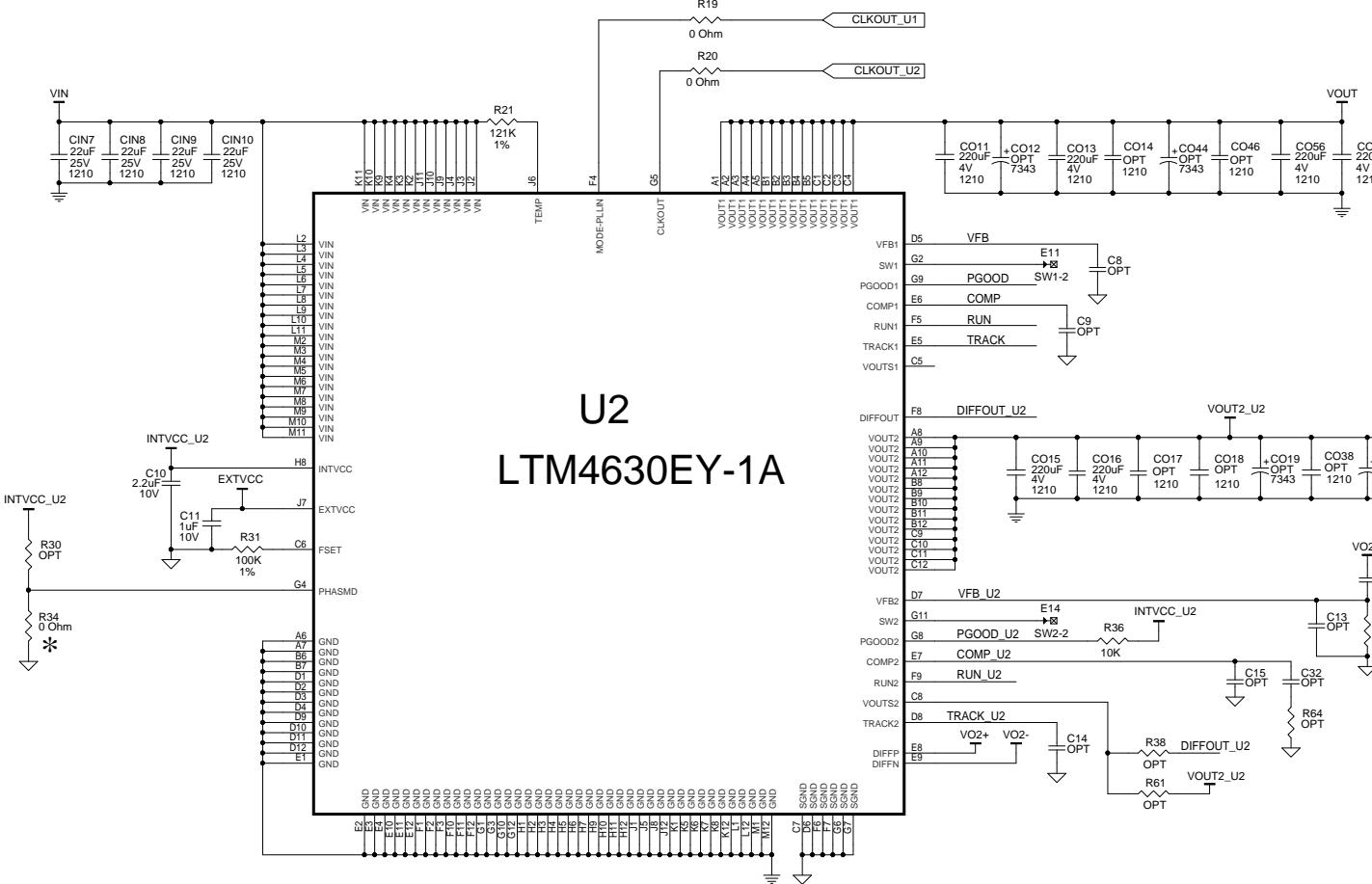
*									
ASSY	I.C.	Iout	R13	R34	Cin12, 13, 14, 15	Cin16, 17, 18, 19	Co20, 21, 26	Co30, 32, 34	Co35, 55, 59
-A	U1, U2	70A	OPT	OPT	OPT	OPT	OPT	OPT	OPT
-B	U1, U2, U3	105A	0	0	22uF	OPT	220uF	OPT	
-C	U1, U2, U3, U4	140A	OPT	0	22uF	22uF	220uF	220uF	220uF

NOTE: UNLESS OTHERWISE SPECIFIED,
1. ALL CAPACITORS, RESISTORS 0603.

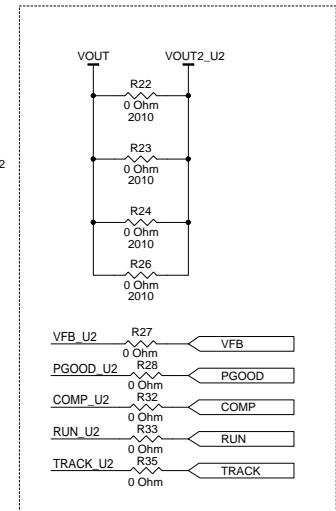
CUSTOMER NOTICE		APPROVALS	TITLE: SCHEMATIC HIGH EFFICIENCY, POLYPHASE, DC/DC STEP-DOWN POWER μ MODULE REGULATOR	
PCB DES	LT			
APP ENG	HW			
SIZE N/A	IC NO. LTM4630EY-1A DEMO CIRCUIT 2164A	REV. 1	DATE: Friday, June 12, 2015	SHEET 1 OF 4
SCALE = NONE				

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REMOVE 0 OHM JUMPERS
FOR SEPARATE VOUT2_U2.



CUSTOMER NOTICE

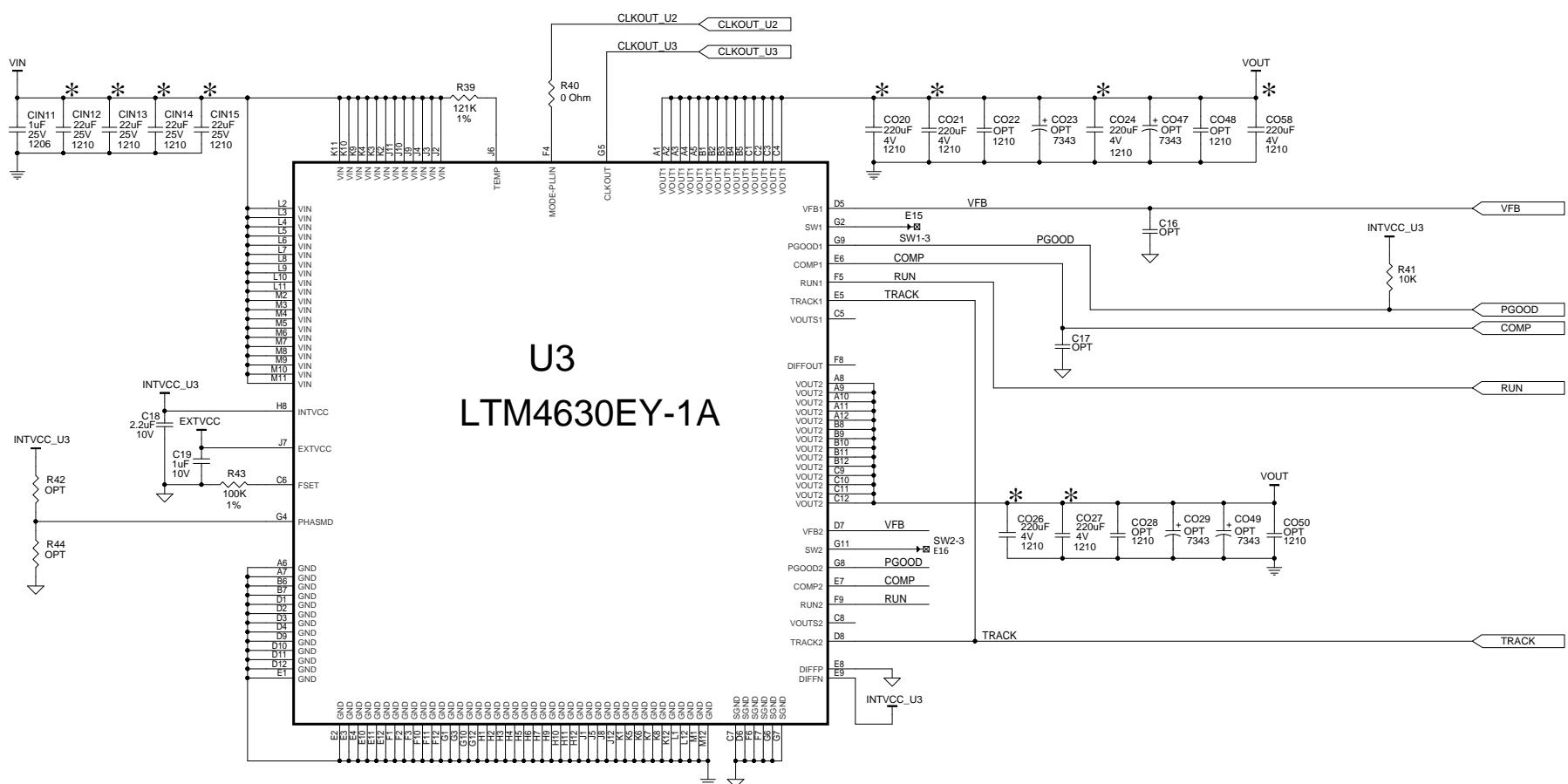
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY OPERATION OF THIS CIRCUIT IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT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

APPROVALS

PCB DES	LT	TITLE: SCHEMATIC	
APP ENG	HW	HIGH EFFICIENCY, POLYPHASE, CD/CD STEP-DOWN POWER μ MODULE REGULATOR	
N/A	IC NO.	LTM4630EY-1A	REV. 1
		DEMO CIRCUIT 2164A	
		SCALE = NONE	DATE: Friday, June 12, 2015
			SHEET 2 OF 4

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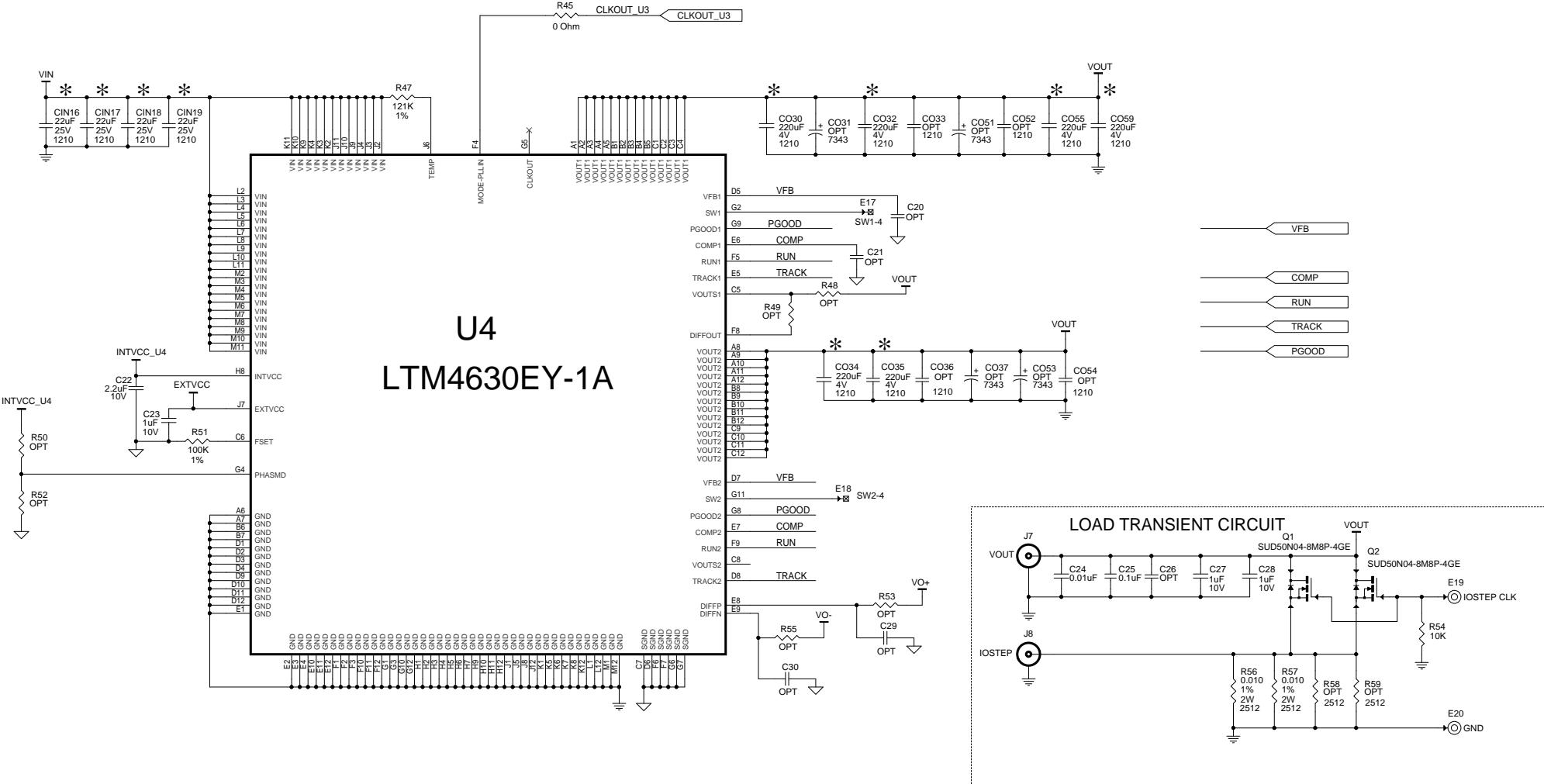
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY OPERATION OF THIS CIRCUIT IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT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

APPROVALS

PCB DES	LT	TITLE: SCHEMATIC HIGH EFFICIENCY, POLYPHASE, DC/DC STEP-DOWN POWER μ MODULE REGULATOR	
APP ENG	H/W	IC NO. LTM4630EY-1A DEMO CIRCUIT 2164A	
SCALE = NONE		DATE: Friday, June 12, 2015	SHEET 3 OF 4
N/A			1

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U4
LTM4630EY-1A

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APPROVALS

PCB DES	LT	TITLE: SCHEMATIC HIGH EFFICIENCY, POLYPHASE, DC/DC STEP-DOWN POWER /MODULE REGULATOR	
APP ENG	H/W		
		SIZE	IC NO.
N/A		LTM4630-1EY DEMO CIRCUIT 2164A	REV. 1
SCALE = NONE		DATE:	Friday, June 12, 2015
		SHEET	4 OF 4

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