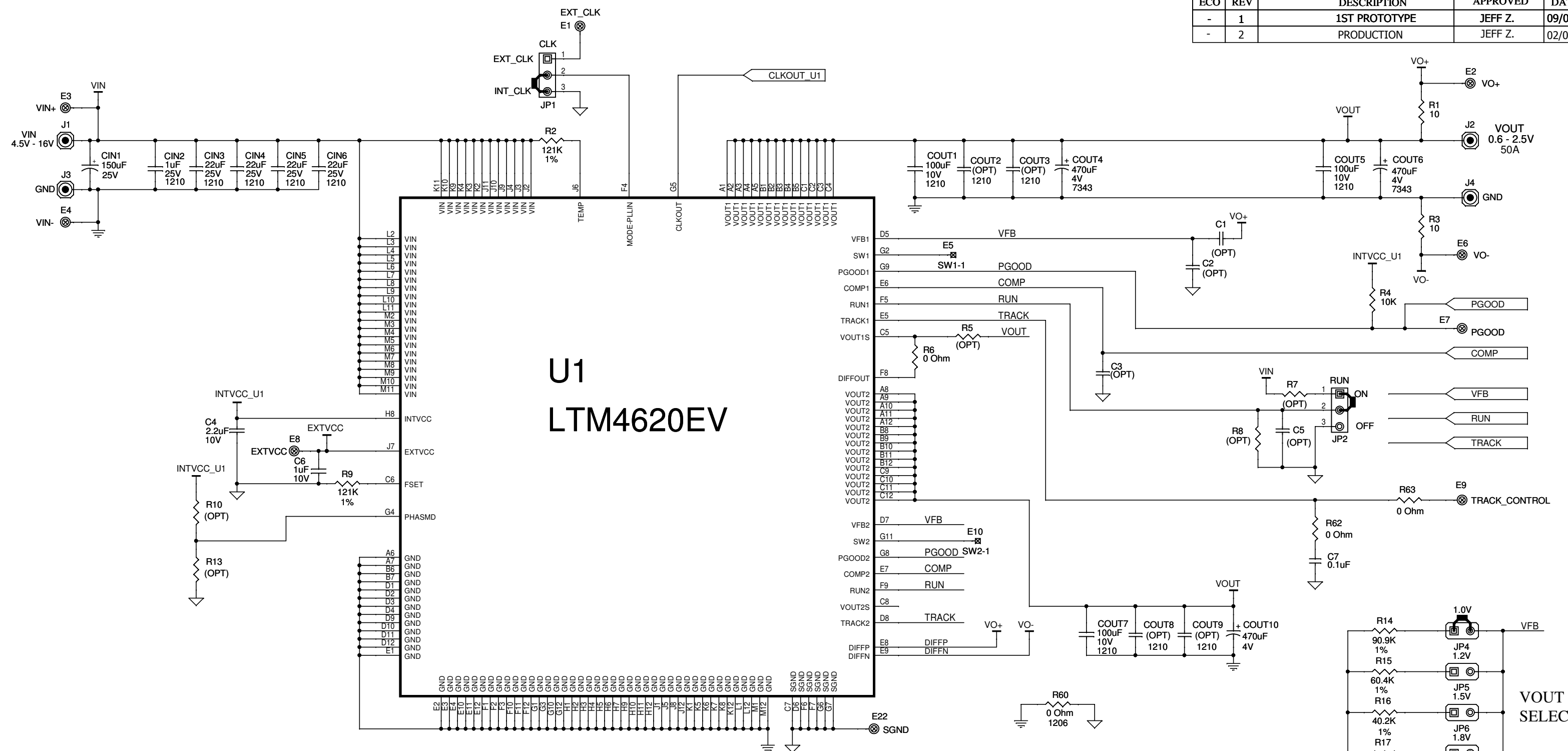


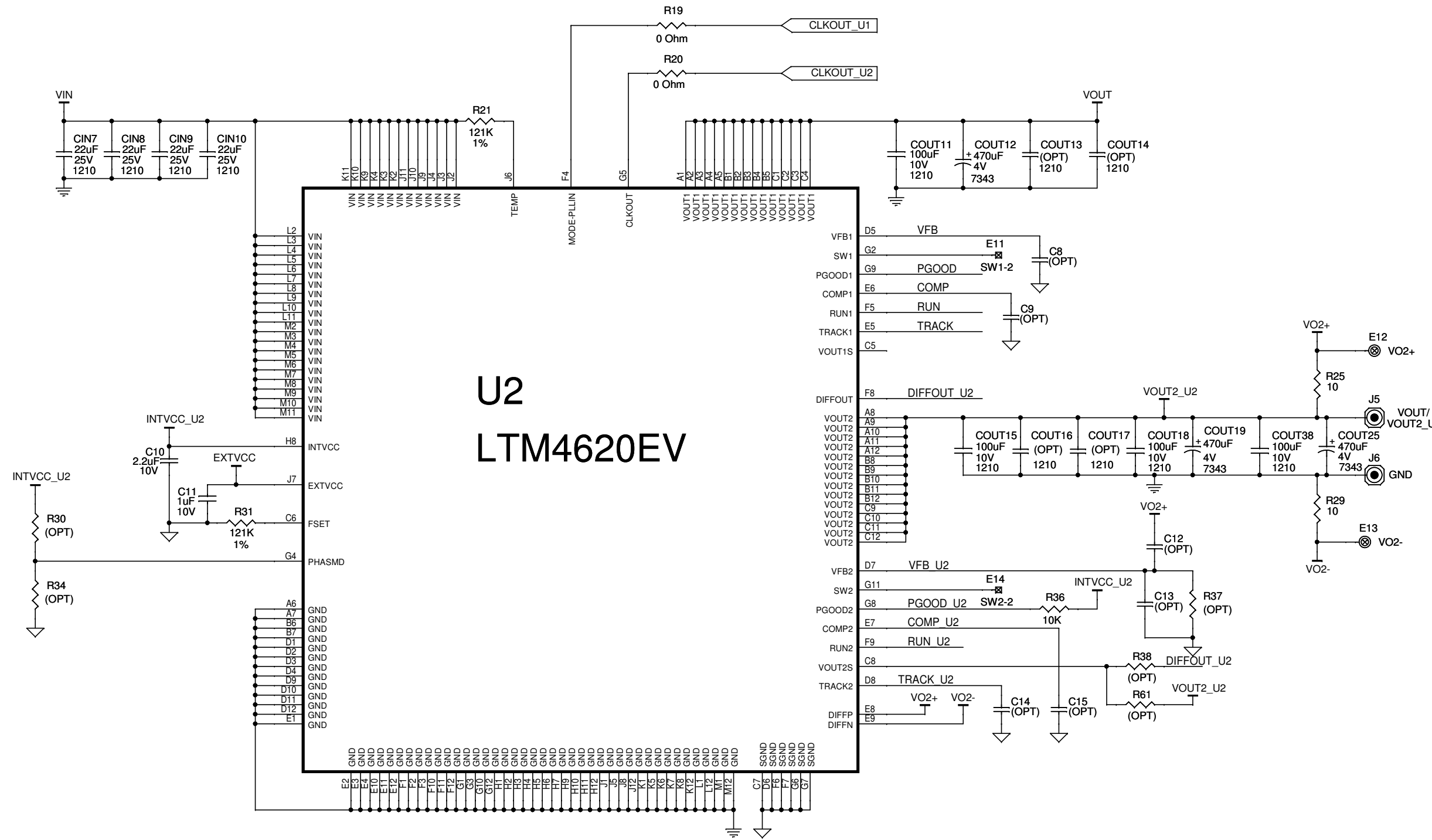
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	1ST PROTOTYPE	JEFF Z.	09/02/10
-	2	PRODUCTION	JEFF Z.	02/06/12



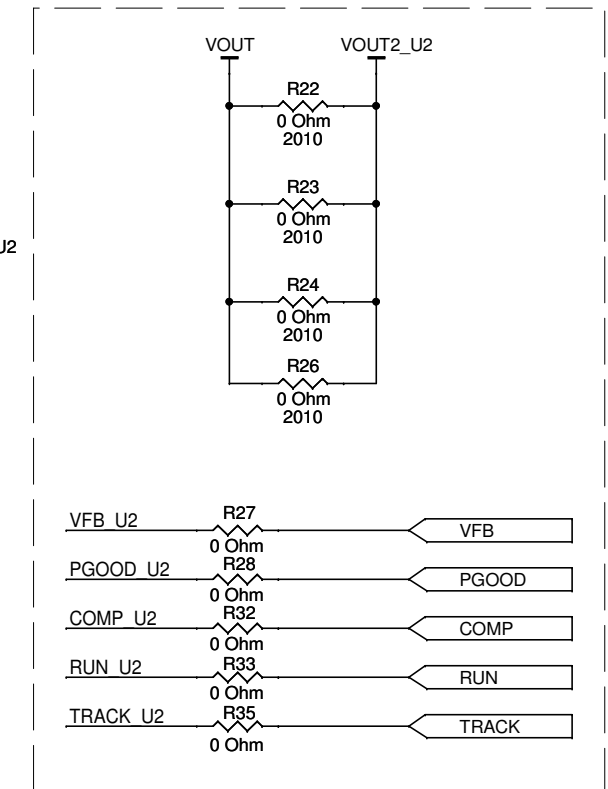
NOTE: UNLESS OTHERWISE SPECIFIED.

1. ALL RESISTORS 0603.
2. ALL CAPACITORS 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>C:\PADS PROJECTS\1780A\SCH\1780A-A_REV2\1780A-A_00_REV2.DSN</p>		<p>APPROVALS</p> <p>PCB DES. R'B</p> <p>APP ENG. JEFF Z.</p>		<p>1630 McCarthy Blvd. Milpitas, CA 95035 www.linear.com Phone: (408)432-1900 Fax: (408)434-0507</p> <p>LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY</p>	
		<p>TITLE: SCHEMATIC</p> <p>HIGH EFFICIENCY, POLYPHASE, STEP-DOWN POWER μMODULE REGULATOR</p>		<p>SIZE N/A</p> <p>IC NO. LTM4620EV</p> <p>REV. 2</p>	
<p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		<p>SCALE = NONE</p>		<p>DATE: Monday, February 06, 2012</p> <p>SHEET 1 OF 4</p>	



DO NOT STUFF 0 OHM JUMPERS FOR SEPARATE VOUT2_U2.



CUSTOMER NOTICE

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APPROVALS

PCB DES. R'B
APP ENG. JEFF Z.

SCALE = NONE

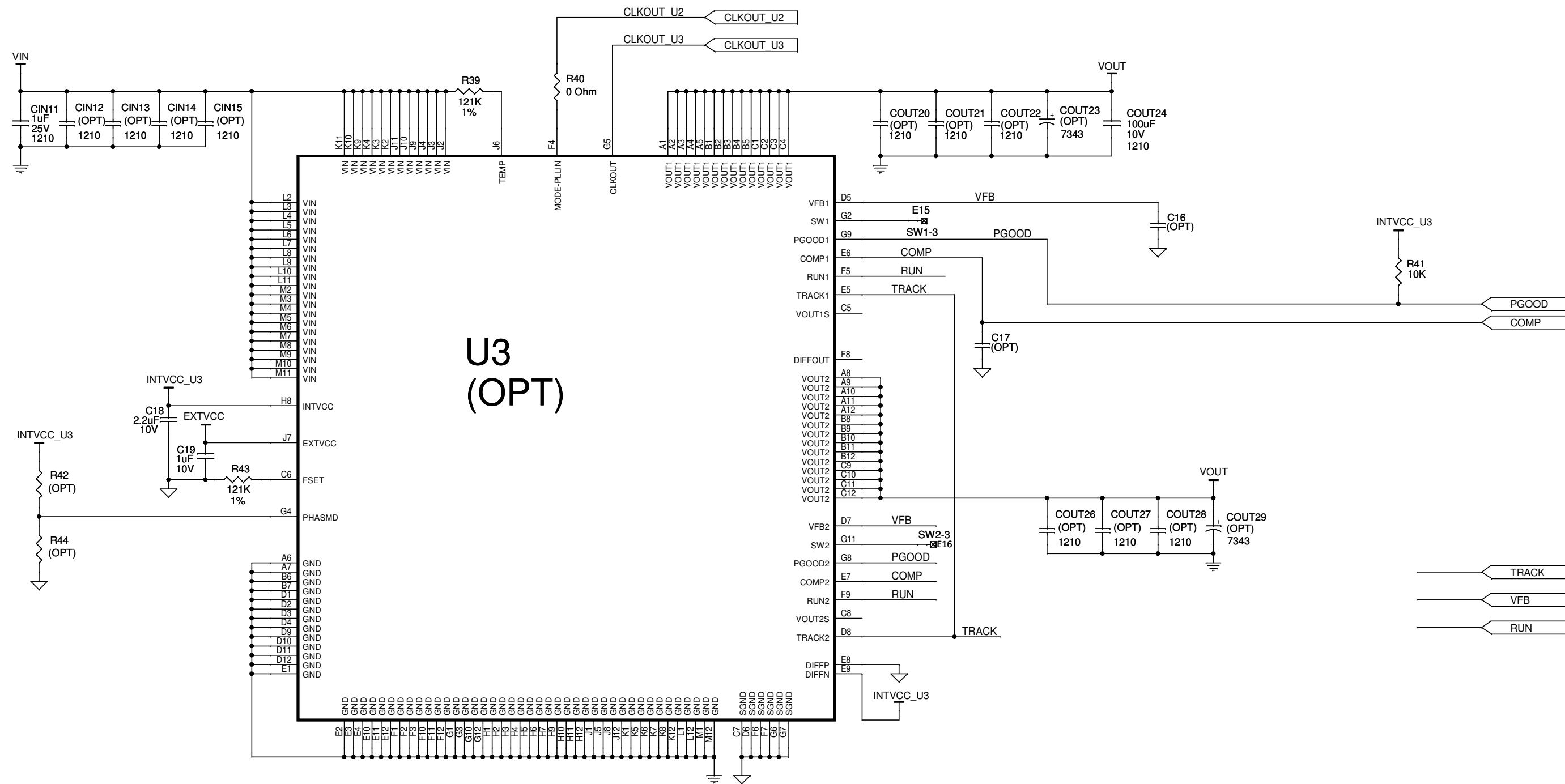


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TITLE: SCHEMATIC
HIGH EFFICIENCY, POLYPHASE,
STEP-DOWN POWER μ MODULE REGULATOR

SIZE	IC NO.	REV.
N/A	LTM4620EV	2
DATE: Monday, February 06, 2012		SHEET 2 OF 4



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.

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APPROVALS

PCB DES. R'B
APP ENG. JEFF Z.

SCALE = NONE



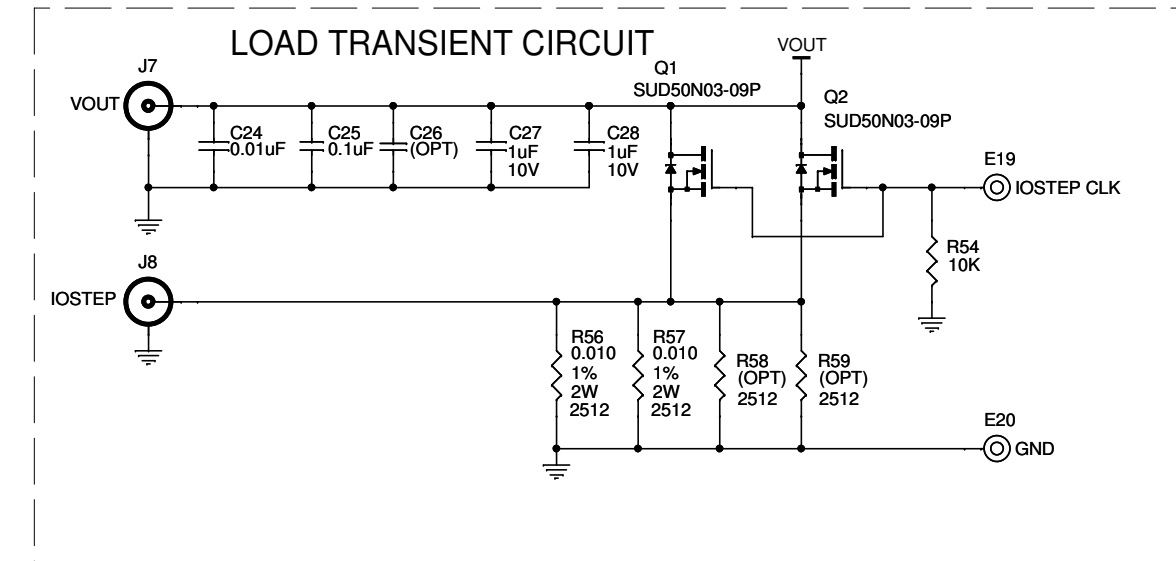
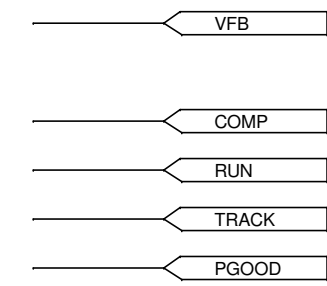
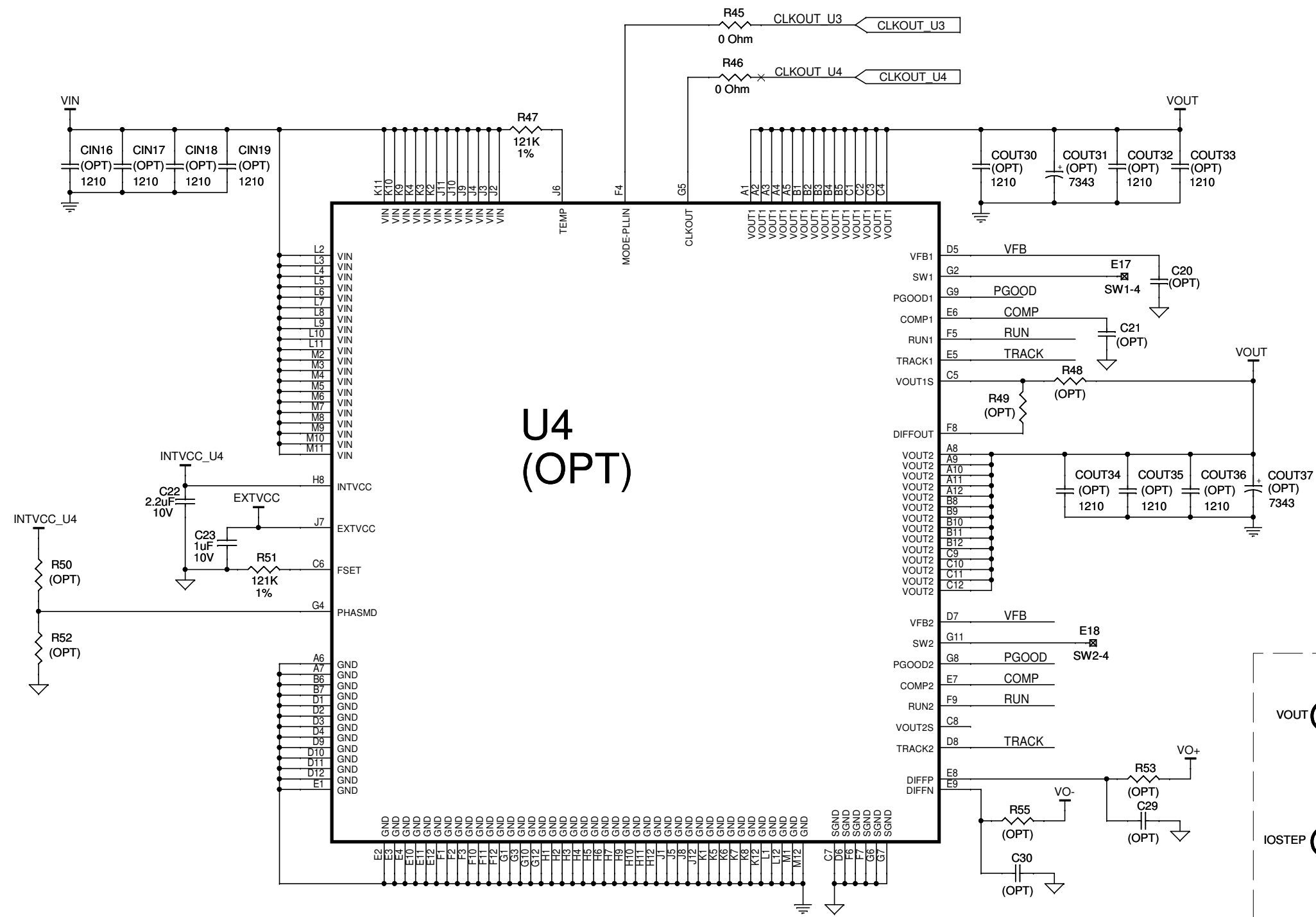
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TITLE: SCHEMATIC
HIGH EFFICIENCY, POLYPHASE,
STEP-DOWN POWER μ MODULE REGULATOR

SIZE N/A IC NO. LTM4620EV REV. 2
DEMO CIRCUIT 1780A-A

DATE: Monday, February 06, 2012 SHEET 3 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 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.	R'B	TITLE: SCHEMATIC HIGH EFFICIENCY, POLYPHASE, STEP-DOWN POWER μ MODULE REGULATOR	
		APP ENG.	JEFF Z.		
		SIZE N/A IC NO. LTM4620EV DEMO CIRCUIT 1780A-A			
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		SCALE = NONE		DATE: Monday, February 06, 2012	REV. 2 SHEET 4 OF 4