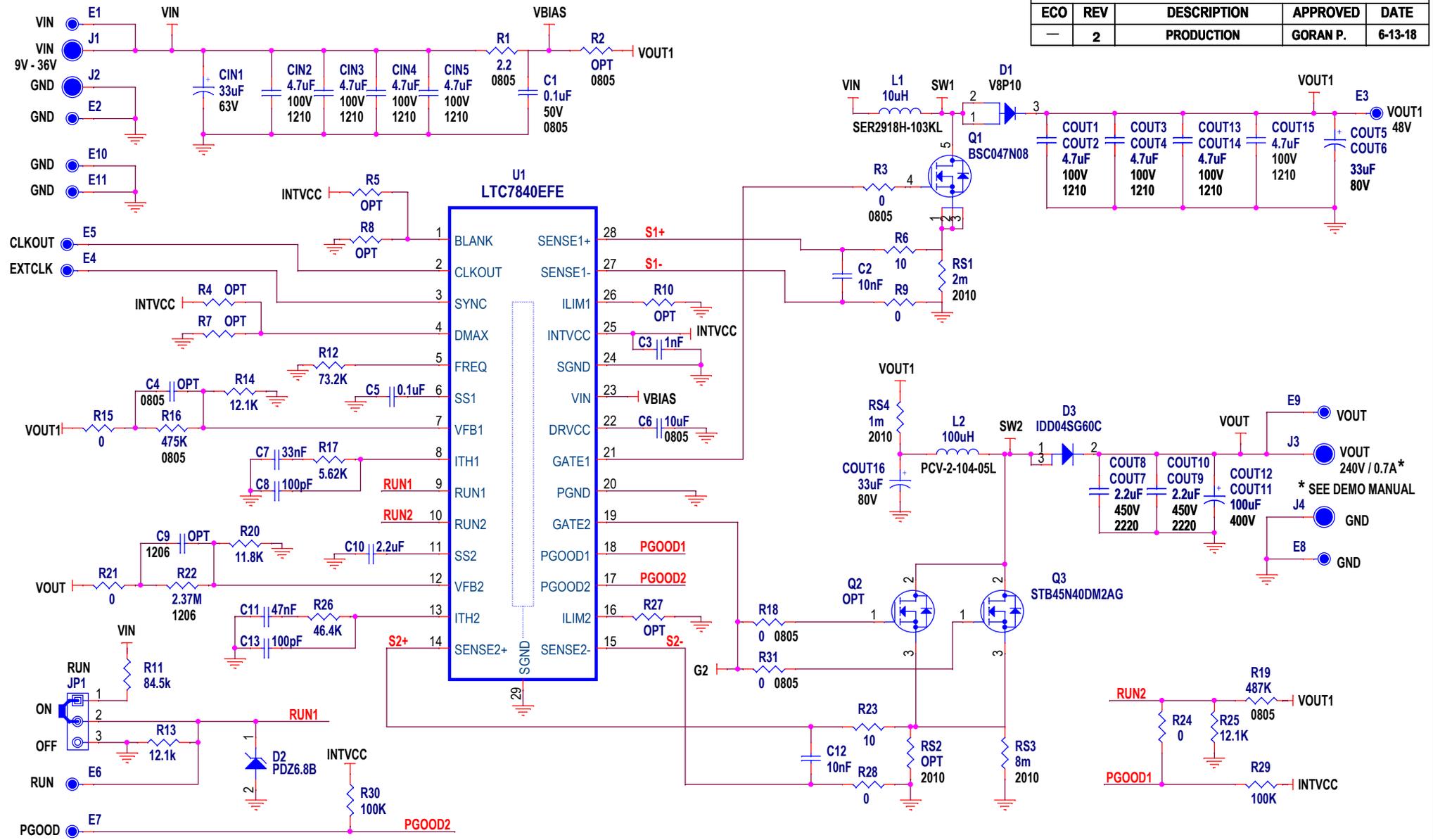


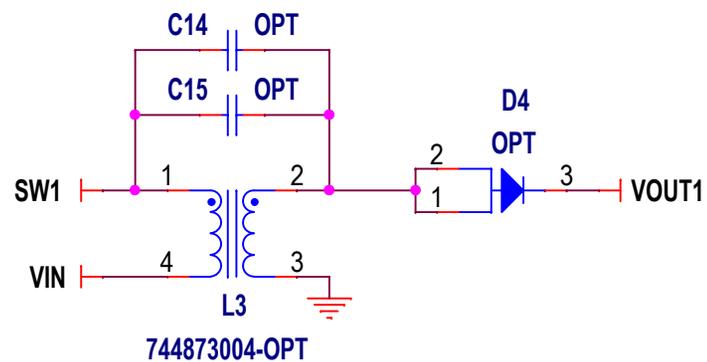
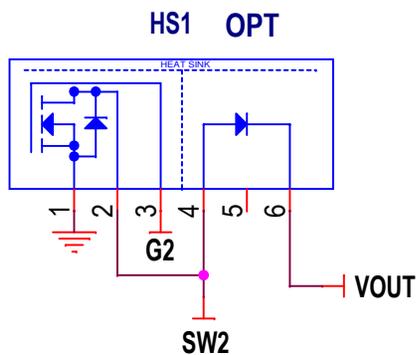
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	GORAN P.	6-13-18



**WARNING!**  
 THE HIGH OUTPUT VOLTAGE OF 240V IS DANGEROUS  
 AND COULD CAUSE SERIOUS INJURIES OR DEATH!  
 ONLY QUALIFIED PERSONEL SHOULD BE HANDLING  
 AND POWERING UP THIS DEMO BOARD

NOTE: ALL CAPACITORS AND RESISTORS ARE 0603

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES	POWER BY LINEAR
ANALOG DEVICES 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 ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.		PCB DES.	LT		
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.		APP ENG.	GORAN P.	TITLE: SCHEMATIC	
				HIGH OUTPUT VOLTAGE BOOST CONVERTER	
				IC NO. LTC7840EFE	SCHMATIC NO. AND REVISION:
				SKU NO. DC2744A	710-DC2744A_REV02
				SIZE: N/A	DATE: 06-13-18
					SHEET 1 OF 2



### CUSTOMER NOTICE

ANALOG DEVICES 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 ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.

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### APPROVALS

PCB DES.	LT
APP ENG.	GORAN P.



TITLE: SCHEMATIC

HIGH OUTPUT VOLTAGE BOOST CONVERTER

IC NO. LTC7840EFE  
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SCHEMATIC NO. AND REVISION:  
710-DC2744A\_REV02

SIZE: N/A DATE: 06-13-18

SHEET 2 OF 2