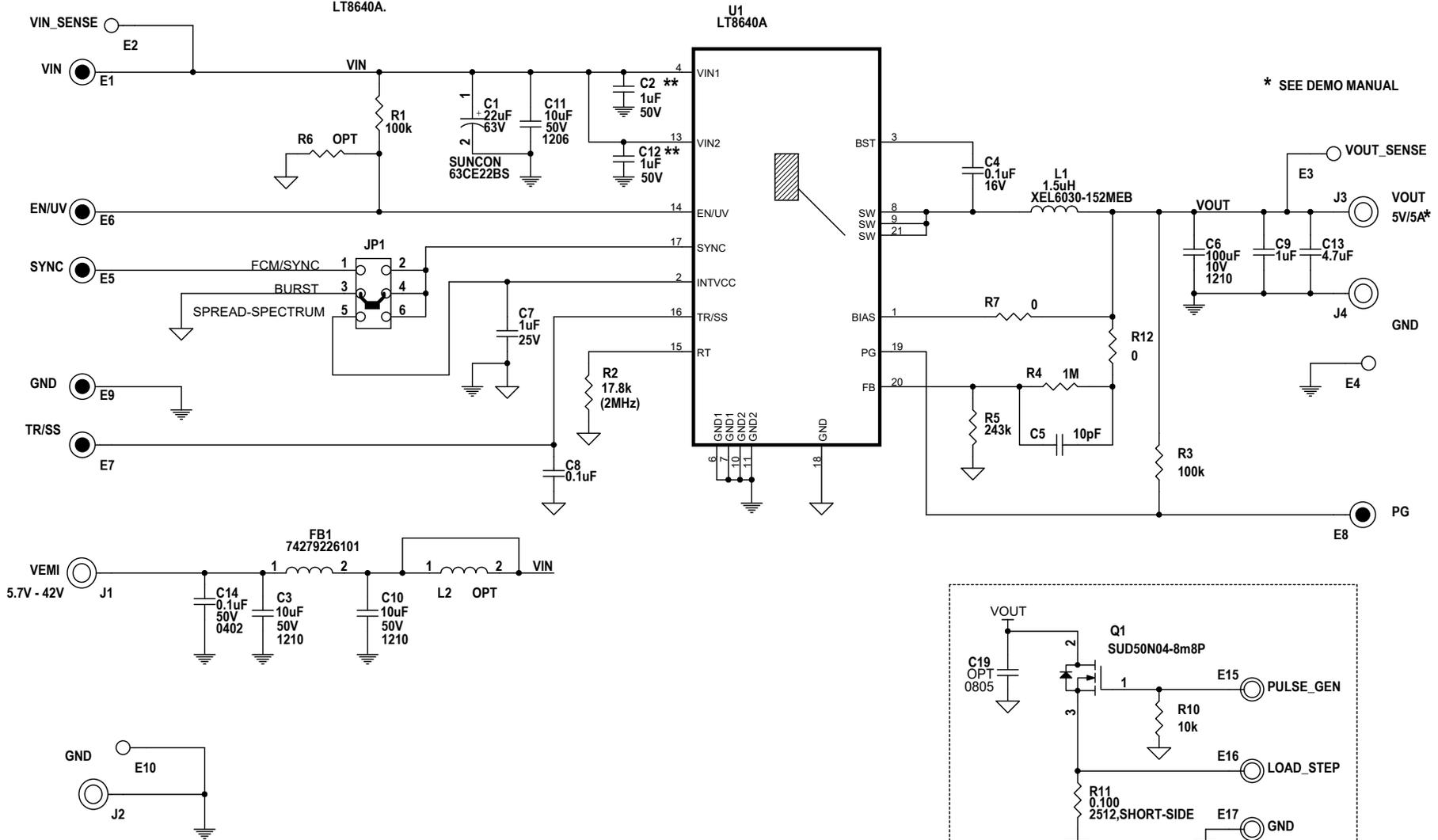
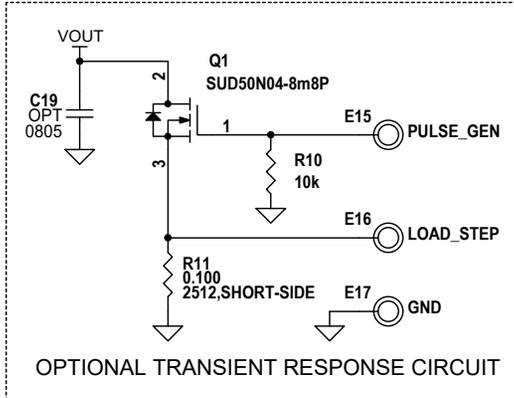
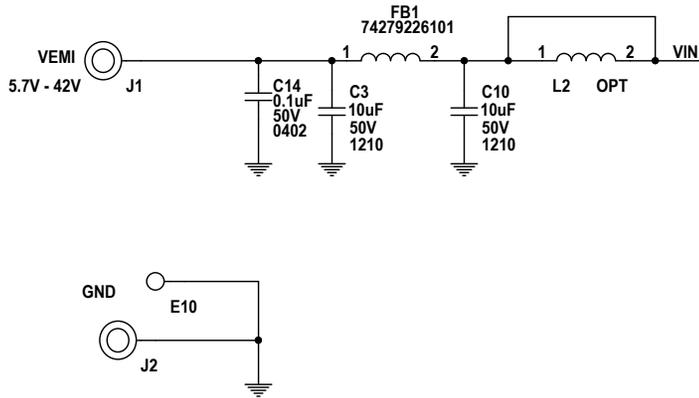


** C2 SHOULD BE PLACED BETWEEN VIN1 AND GND1. C12 SHOULD BE PLACED BETWEEN VIN2 AND GND2. THESE CAPACITORS MUST BE PLACED AS CLOSE AS POSSIBLE TO LT8640A.



* SEE DEMO MANUAL



NOTES: UNLESS OTHERWISE SPECIFIED

- 1. ALL RESISTORS ARE 0603.
- ALL CAPACITORS ARE 0603.

CUSTOMER NOTICE		APPROVALS		 ANALOG DEVICES AHEAD OF WHAT'S POSSIBLE™	2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054 www.analog.com		
<small>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.</small>		PCB DES.	NAME			TITLE: SCHEMATIC 42V, 5A (8A PEAK) SYNCHRONOUS STEP-DOWN SILENT SWITCHER WITH 2.5uA QUIESCENT CURRENT	
<small>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.</small>		APP ENG.	NAME	IC NO. LT8640A SCHEMATIC NO. AND REVISION: DC3099A 710-DC3099A_REV03			
				SIZE: N/A DATE: Friday, February 18, 2022 SHEET 1 OF 2			