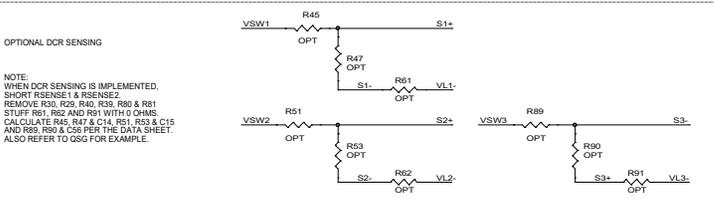
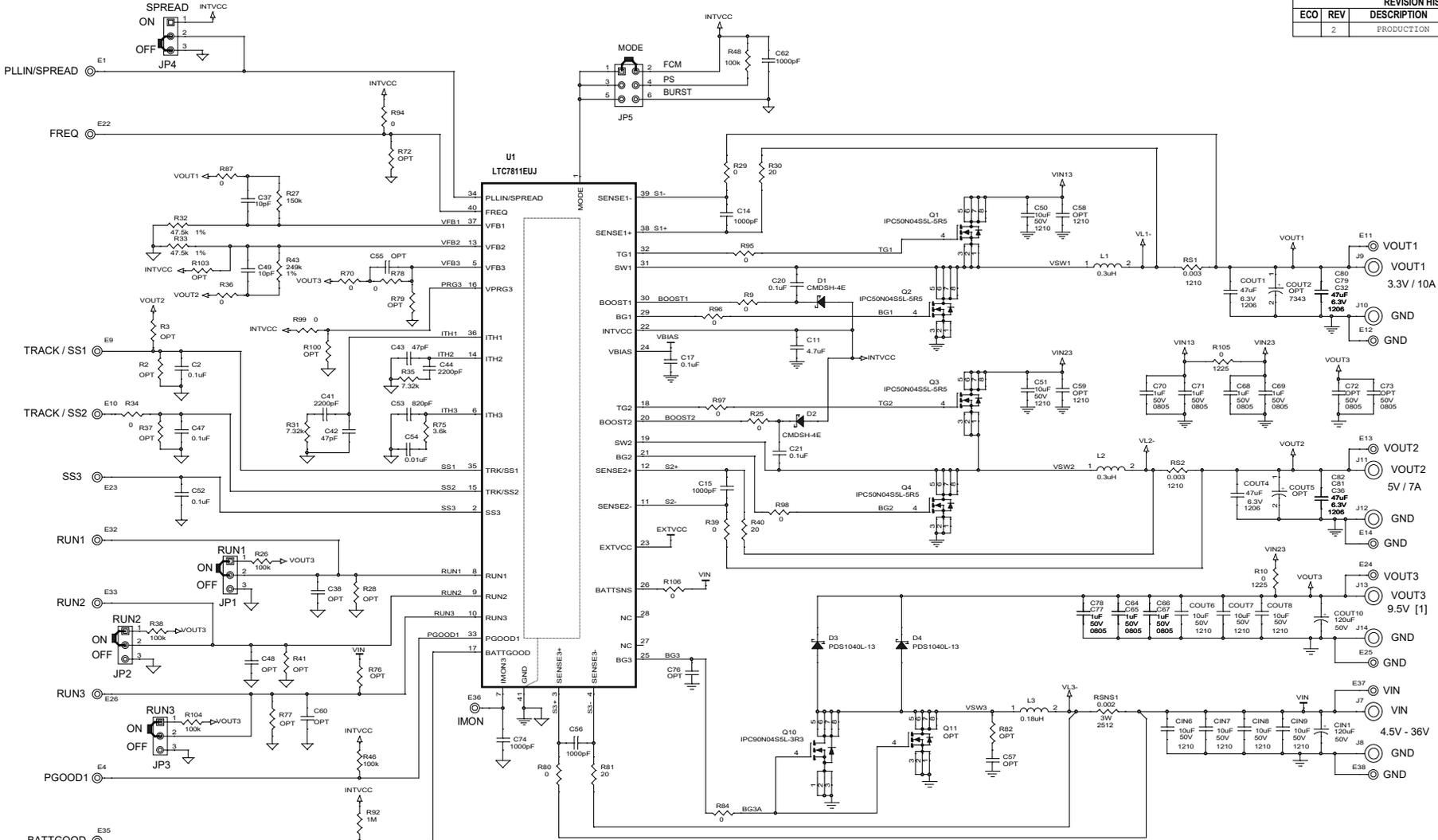
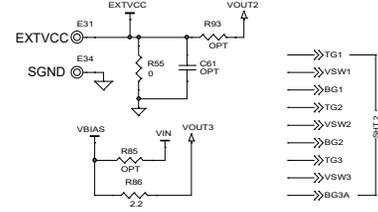


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
2		PRODUCTION	JL	11-18-20

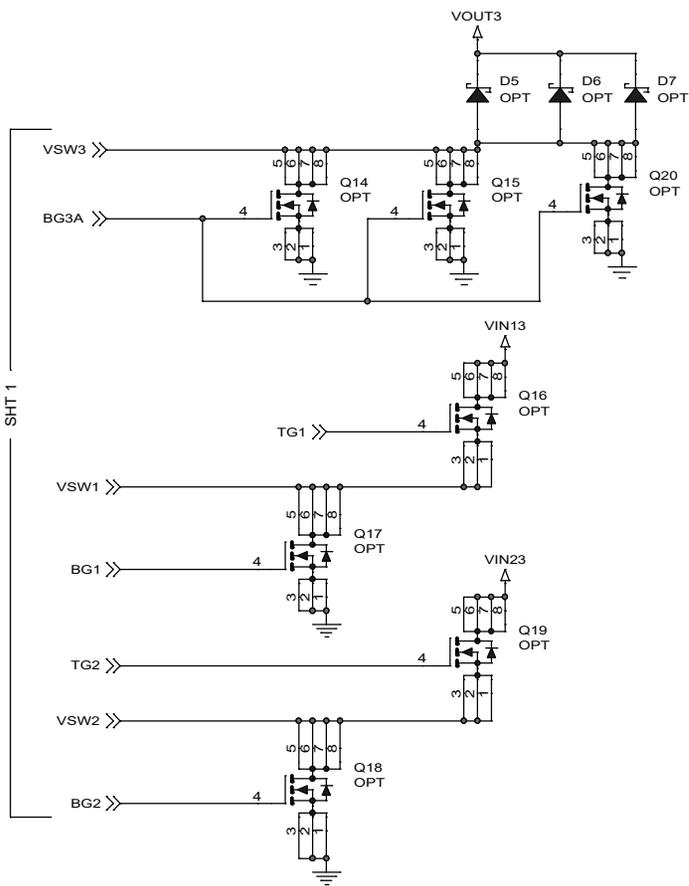


NOTE:
WHEN DCR SENSING IS IMPLEMENTED,
SHORT RSENSE1 & RSENSE2
REMOVE R30, R32, R40, R35, R90 & R91
STUFF R61, R62 AND R91 WITH 0 OHMS.
CALCULATE R45, R47 & C14, R51, R53 & C15
AND R89, R90 & C58 PER THE DATA SHEET.
ALSO REFER TO QSG FOR EXAMPLE.



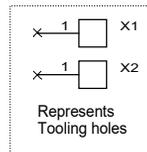
[1] OUTPUT 9.5V ONLY WHEN VIN < 9.5V, OTHERWISE VOUT3 FOLLOWS VIN.

CUSTOMER NOTICE		APPROVALS		 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 HELD AS OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND POWERED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.</small>		PCB DES. LT APP ENG. LMG.J	TITLE: SCHEMATIC LOW IQ HIGH FREQUENCY STEP-UP AND DUAL SYNCHRONOUS STEP-DOWN SUPPLIES	
<small>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.</small>		IC NO. LDC7811-EUJ SKU NO. DC3151A	SCHEMATIC NO. AND REVISION: 710-DC3151A_REV02	SIZE: N/A DATE: Wednesday, November 18, 2020 SHEET 1 OF 2



PCA ADDITIONAL PARTS

MP1	STANDOFF,NYLON,SNAP-ON,0.50"
MP2	STANDOFF,NYLON,SNAP-ON,0.50"
MP3	STANDOFF,NYLON,SNAP-ON,0.50"
MP4	STANDOFF,NYLON,SNAP-ON,0.50"
LB1	BOARD S/N LABEL
STNCL1	TOOL, STENCIL, 700-DC3151A REV02
PCB1	PCB, DC3151A REV02



<p>CUSTOMER NOTICE</p> <p>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.</p>	<p>APPROVALS</p>		<p>2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054 www.analog.com</p>
	<p>PCB DES. LT</p> <p>APP ENG. LING J.</p>	<p>TITLE: SCHEMATIC</p> <p>LOW IQ HIGH FREQUENCY STEP-UP AND DUAL SYNCHRONOUS STEP-DOWN SUPPLIES</p>	
<p>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.</p>	<p>IC NO. LTC7811-EUJ</p> <p>SKU NO. DC3151A</p>		<p>SCHEMATIC NO. AND REVISION:</p> <p>710-DC3151A_REV02</p>
	<p>SIZE: N/A</p>	<p>DATE: Monday, November 16, 2020</p>	<p>SHEET 2 OF 2</p>