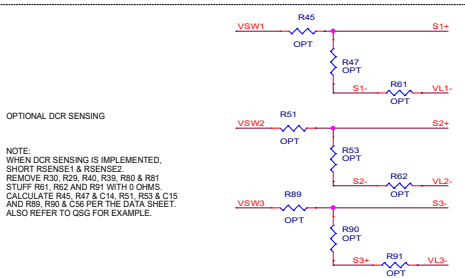
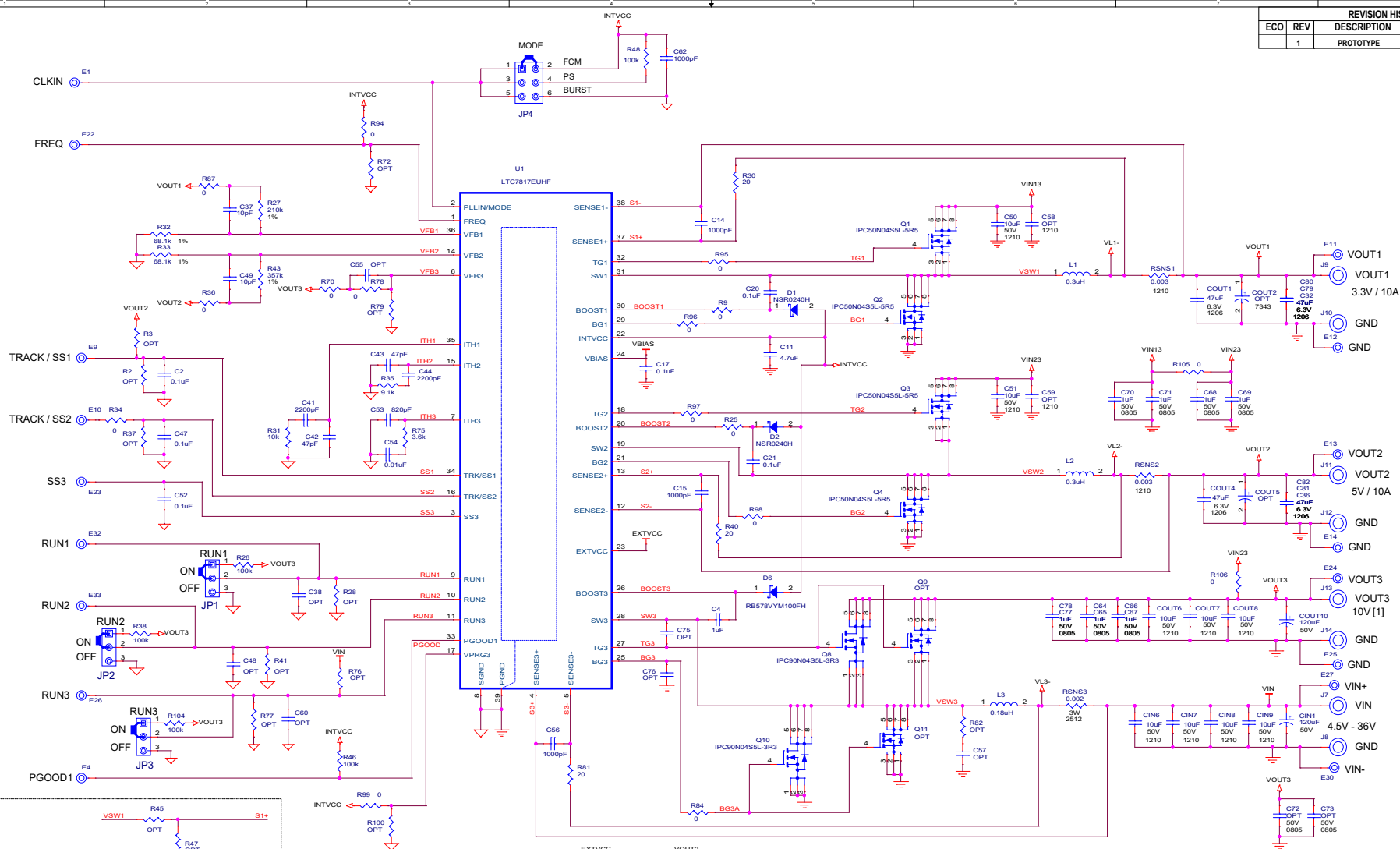


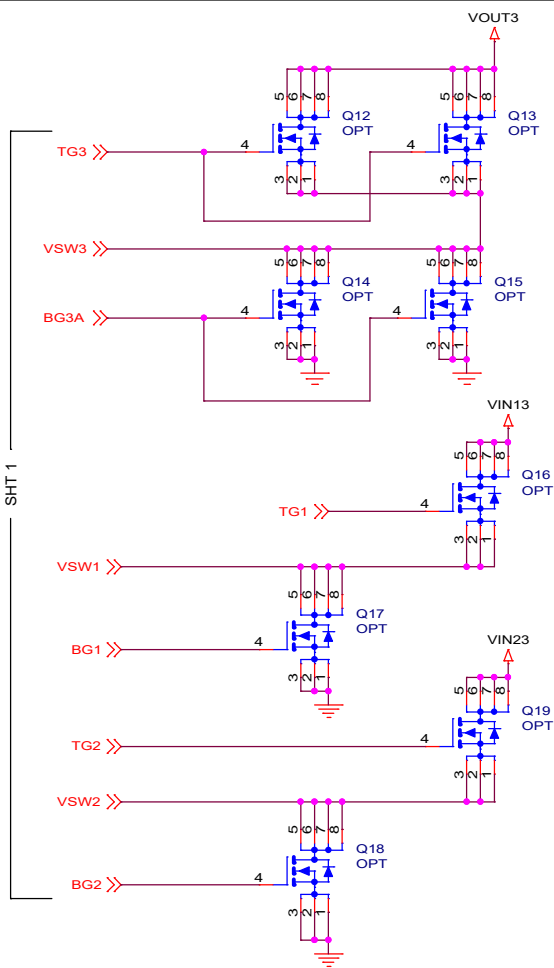
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	1	PROTOTYPE	LJ	02/05/20



NOTE:  
WHEN DCR SENSING IS IMPLEMENTED,  
SHORT RSENSE1 & RSENSE2  
TO GND. REMOVE R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100. ALSO REFER TO QSG FOR EXAMPLE.

[1] OUTPUT 10V ONLY WHEN VIN < 10V, OTHERWISE VOUT3 FOLLOWS VIN.

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054	
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	AHEAD OF WHAT'S POSSIBLE™		www.analog.com	
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.		APP ENG.	LMG J.	TITLE: SCHEMATIC		LOW IQ HIGH FREQUENCY SYNCHRONOUS STEP-UP AND DUAL STEP-DOWN SUPPLIES	
IC NO. LTC7817-EUHF		SKU NO. DC3833A		SCHEMATIC NO. AND REVISION: 710-DC3833A_REV01		DATE: Wednesday, February 05, 2020	
SIZE: NA		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, DC3033A REV01
PCB1	PCB, DC3033A REV01

#### CUSTOMER NOTICE

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THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.

#### APPROVALS

PCB DES.	LT
APP ENG.	LING J.



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TITLE: SCHEMATIC  
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IC NO. LTC7817-EUHF  
SKU NO. DC3033A

SCHEMATIC NO. AND REVISION:  
**710-DC3033A\_REV01**

SIZE: N/A DATE: Wednesday, February 05, 2020 SHEET 2 OF 2