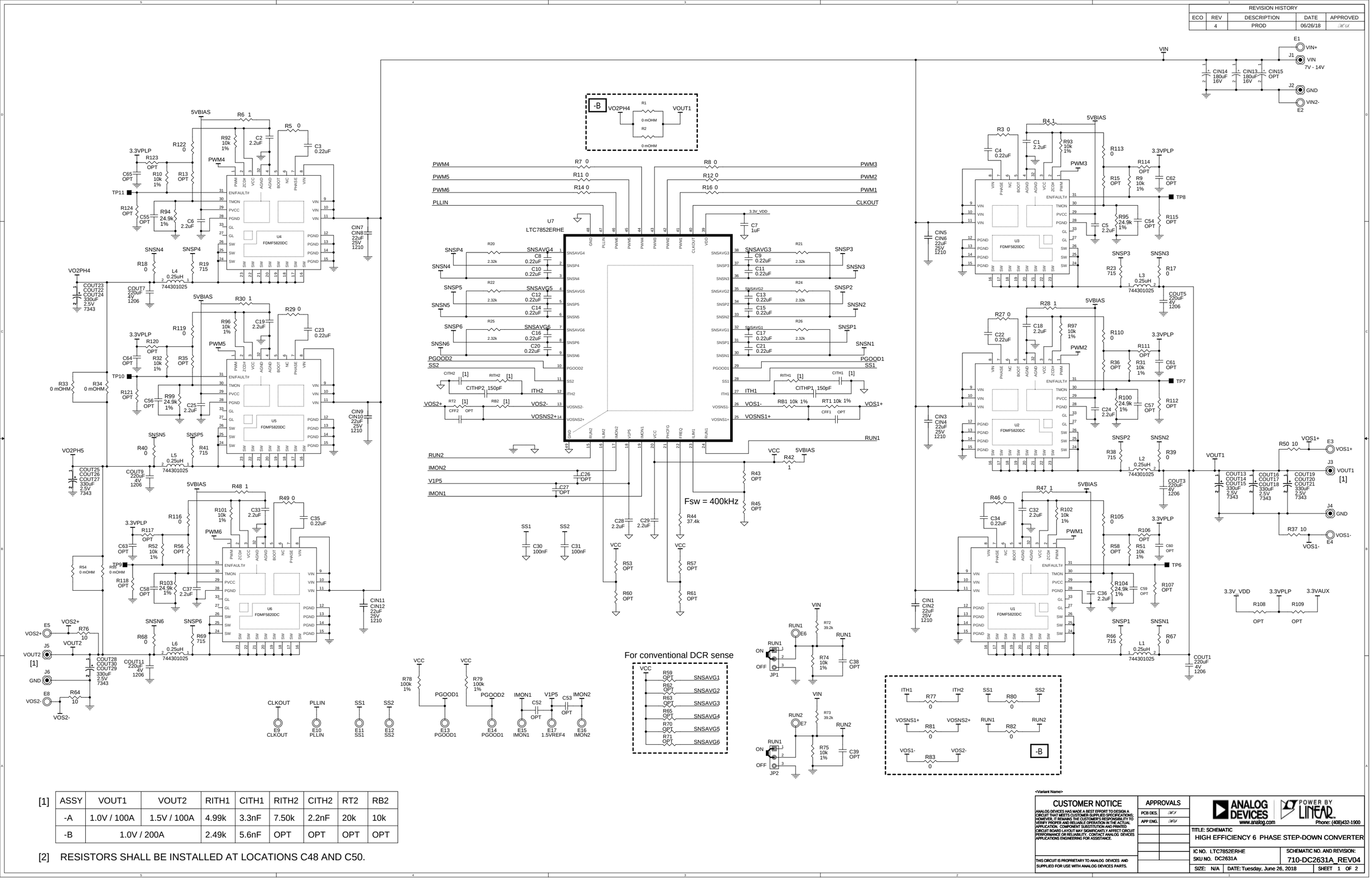
REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	4	PROD	06/26/18	MG



[1]

ASSY	VOUT1	VOUT2	RITH1	CITH1	RITH2	CITH2	RT2	RB2
-A	1.0V / 100A	1.5V / 100A	4.99k	3.3nF	7.50k	2.2nF	20k	10k
-B	1.0V / 200A		2.49k	5.6nF	OPT	OPT	OPT	OPT

[2] RESISTORS SHALL BE INSTALLED AT LOCATIONS C48 AND C50.

<Variant Name>

APPROVALS	
PCB DES.	MG
APP ENG.	MG

ANALOG DEVICES www.analog.com — POWER BY LINEAR — Phone: (408)432-1900

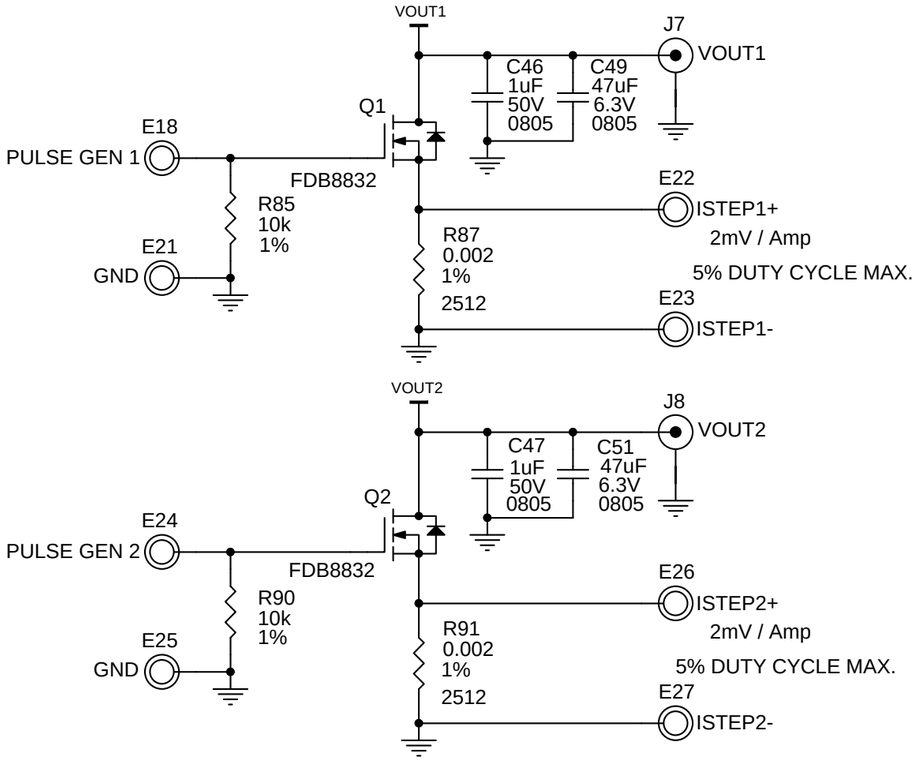
TITLE: SCHEMATIC
HIGH EFFICIENCY 6 PHASE STEP-DOWN CONVERTER

IC NO. LTC7852ERHE
SKU NO. DC2631A

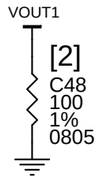
SCHEMATIC NO. AND REVISION:
710-DC2631A_REV04

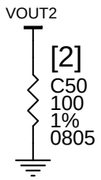
SIZE: N/A | DATE: Tuesday, June 26, 2018 | SHEET 1 OF 2

DYNAMIC LOAD CIRCUITS

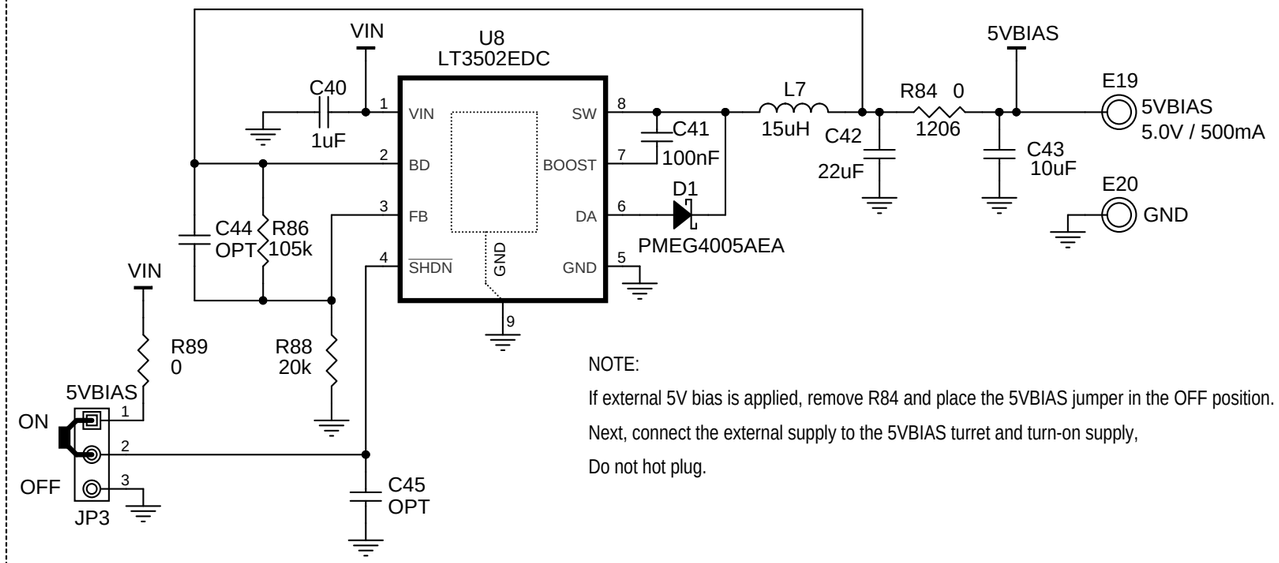


NOTE: PRE-LOAD RESISTORS ARE STUFFED AT C48 AND C50.





BIAS SUPPLY FOR DrMOS and LTC7852



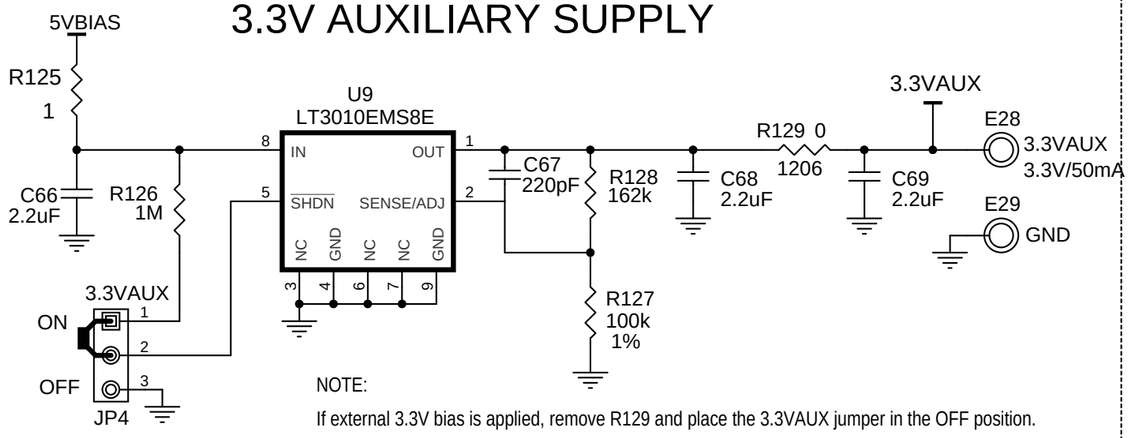
NOTE:

If external 5V bias is applied, remove R84 and place the 5VBIAS jumper in the OFF position.

Next, connect the external supply to the 5VBIAS turret and turn-on supply,

Do not hot plug.

3.3V AUXILIARY SUPPLY

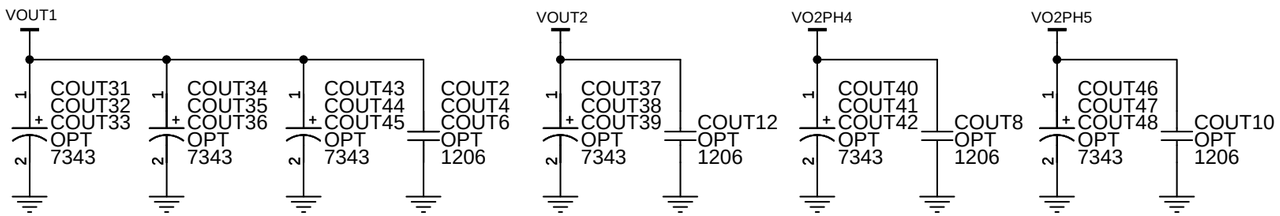


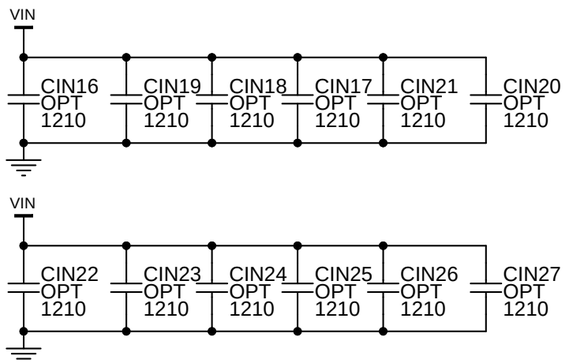
NOTE:

If external 3.3V bias is applied, remove R129 and place the 3.3VAUX jumper in the OFF position.

Next, connect the external supply to the 3.3VAUX turret and turn-on supply,

Do not hot plug.





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.

APPROVALS	
PCB DES.	MI
APP ENG.	MS

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TITLE: SCHEMATIC

HIGH EFFICIENCY 6 PHASE STEP-DOWN CONVERTER

IC NO. LTC7852ERHE	SCHEMATIC NO. AND REVISION:
SKU NO. DC2631A	710-DC2631A_REV04
SIZE: N/A	DATE: Tuesday, June 26, 2018
	SHEET 2 OF 2