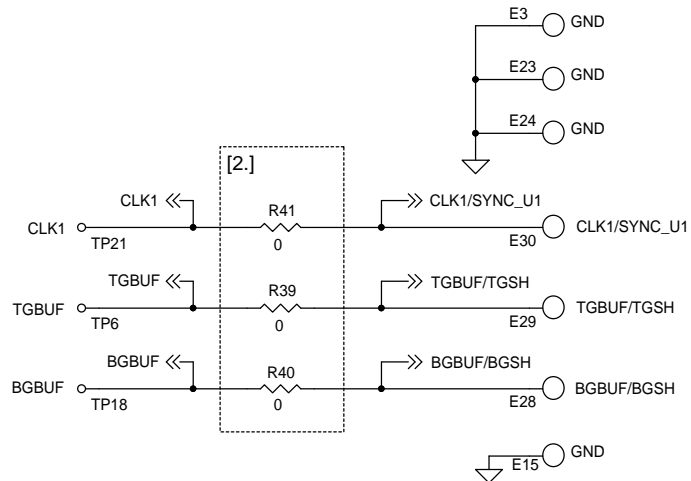
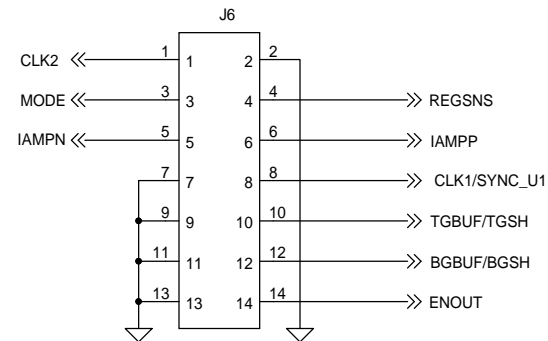
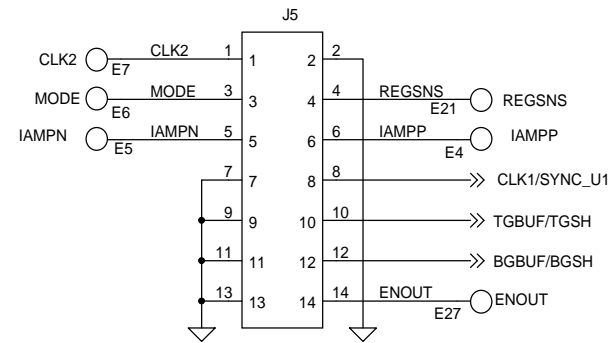
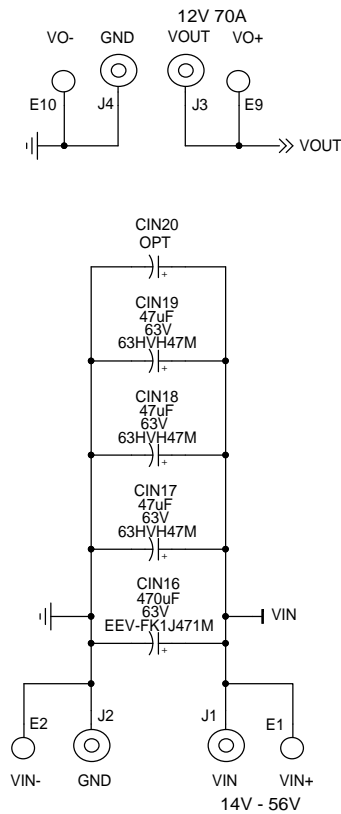


[1.] LT8550

[3.] LT3763
PRIMARY CONTROLLER

**OPTIONAL
DCR SENSE**



CUSTOMER NOTICE

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www.analog.com
Phone: (408)432-1900

TITLE: SCHEMATIC
4-PHASE DC/DC EXPANDER WITH INTERNAL
GATE DRIVERS FOR BUCK CONVERTERS

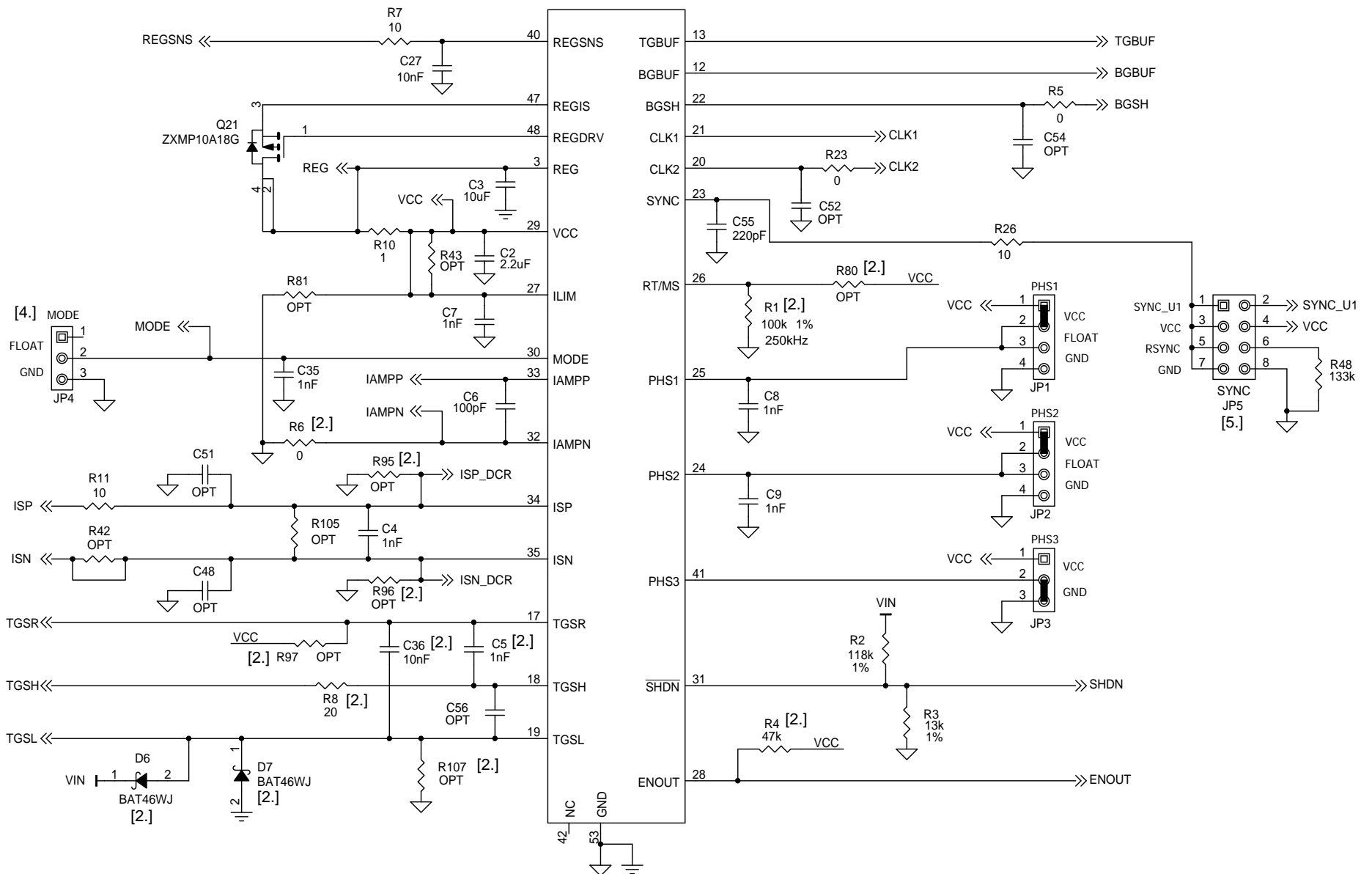
SIZE N/A	IC NO. LT8550EUKG DC2331A-A/B	REV. 4
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THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.

DATE: Wednesday, January 02, 2019

SHEET 1 OF 6

U1A
LT8550EUKG



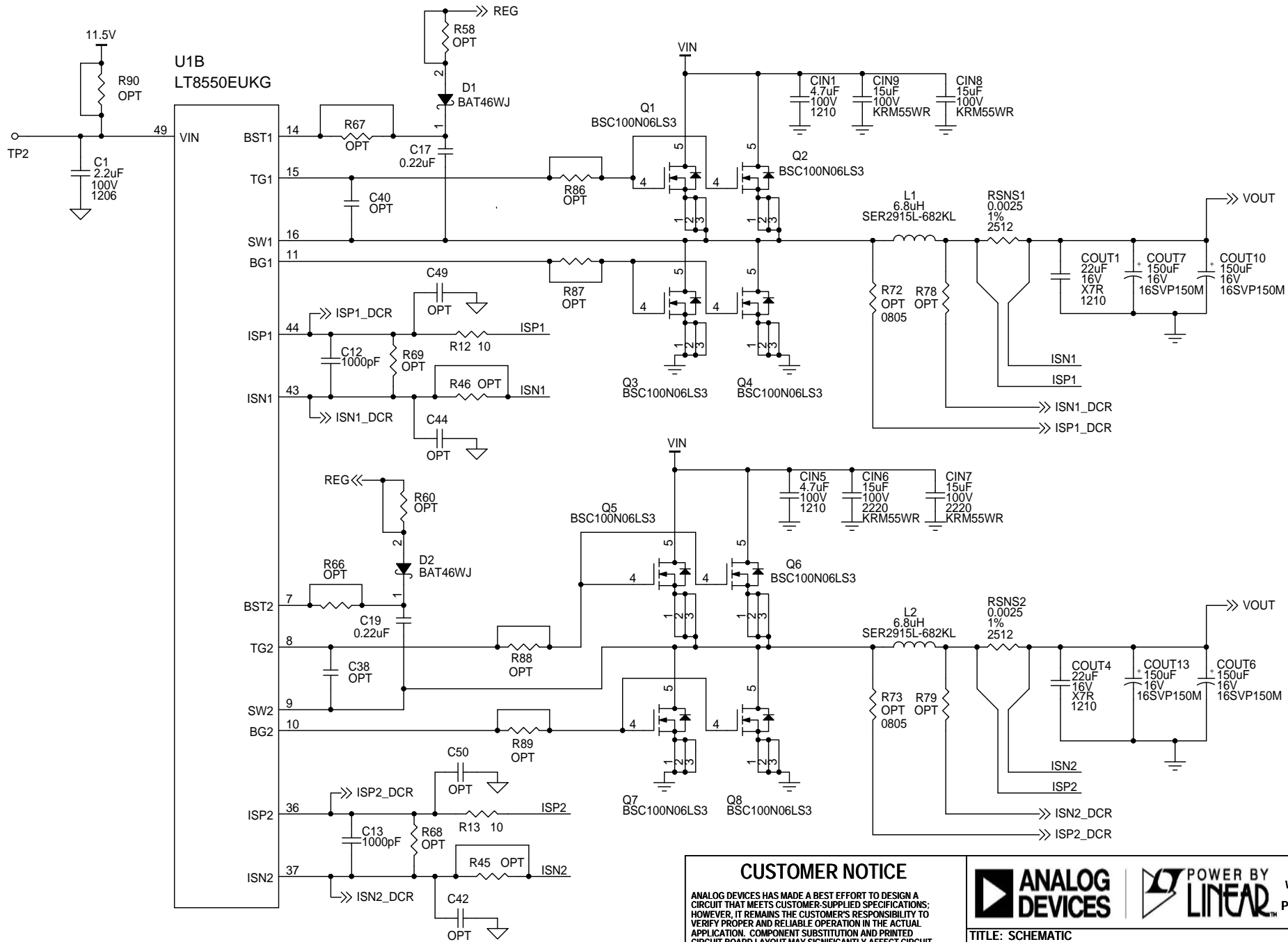
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4-PHASE DC/DC EXPANDER WITH INTERNAL GATE DRIVERS FOR BUCK CONVERTERS

SIZE N/A	IC NO. LT8550EUKG DC2331A-A/-B	REV. 4
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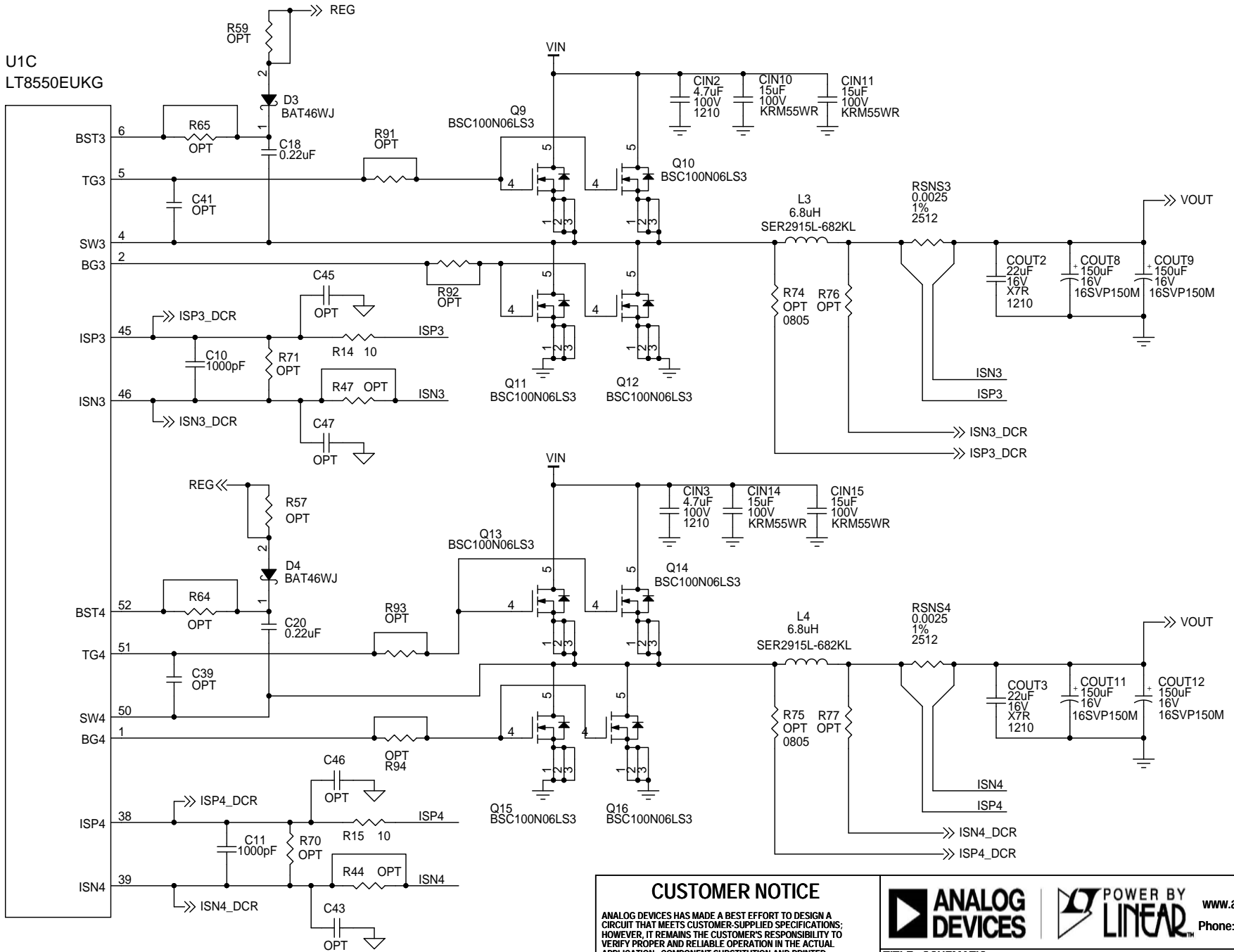
TITLE: SCHEMATIC
4-PHASE DC/DC EXPANDER WITH INTERNAL GATE DRIVERS FOR BUCK CONVERTERS

SIZE N/A	IC NO. LT8550EUKG DC2331A-A/-B	REV. 4
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DATE: Wednesday, January 02, 2019 SHEET 3 OF 6

U1C
LT8550EUKG



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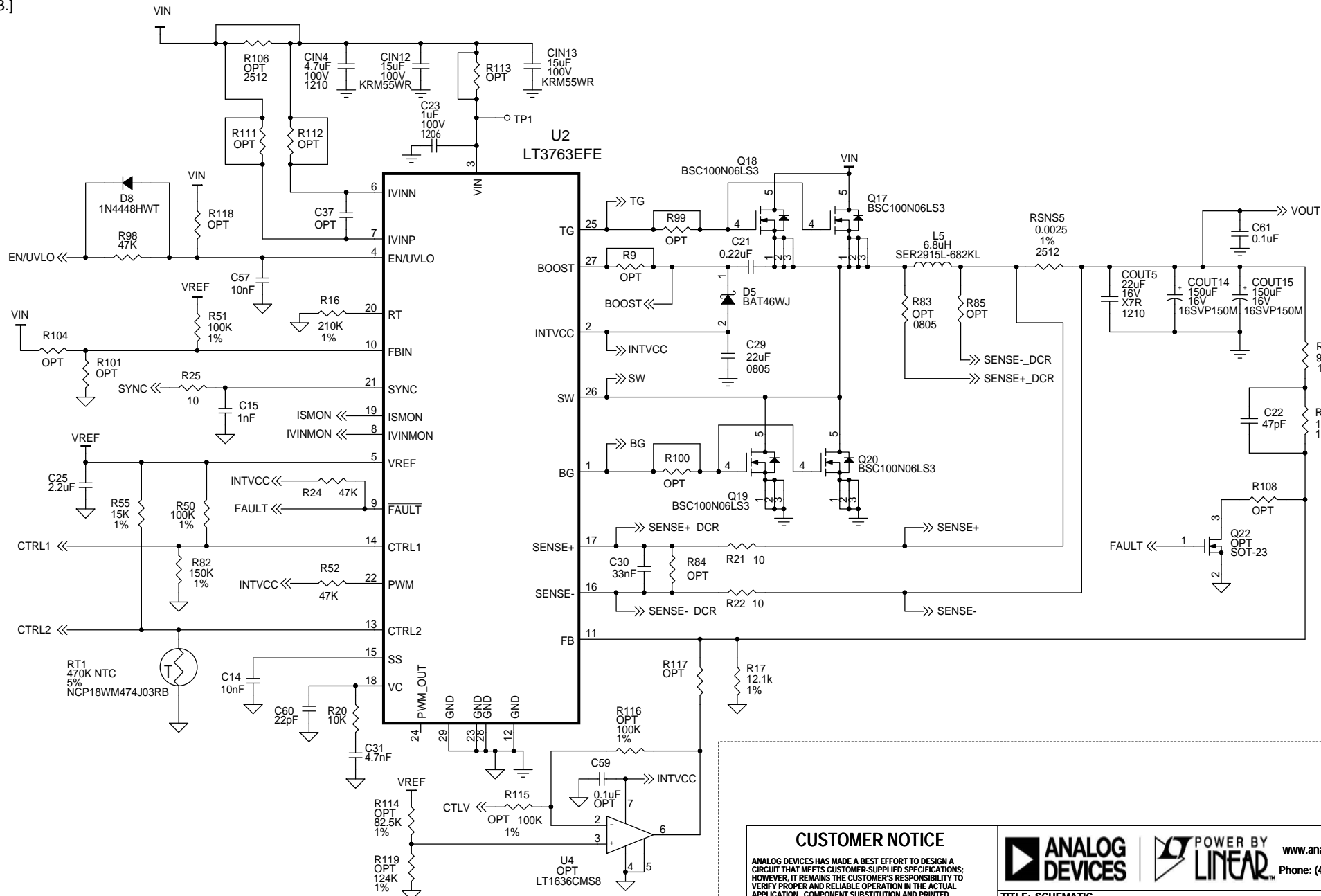
www.analog.com
Phone: (408)432-1900

TITLE: SCHEMATIC
4-PHASE DC/DC EXPANDER WITH INTERNAL
GATE DRIVERS FOR BUCK CONVERTERS

SIZE N/A	IC NO. LT8550EUKG DC2331A-A/-B	REV. 4
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DATE: Wednesday, January 02, 2019	SHEET 4 OF 6
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[3.]



CUSTOMER NOTICE

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TITLE: SCHEMATIC
4-PHASE DC/DC EXPANDER WITH INTERNAL
GATE DRIVERS FOR BUCK CONVERTERS

SIZE N/A	IC NO. LT8550EUKG DC2331A-A/B	REV. 4
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DATE: Wednesday, January 02, 2019 SHEET 5 OF 6

NOTES:

[1.]

ASSY	LT8550 MASTER / SLAVE
-A	MASTER
-B	SLAVE

[2.]

ASSY	R1	R4	R6,R39,R40,R41	R8	R30,R31,R32,R80, R95,R96,R97,R107	C5	C36	D6,D7
-A	100K	47K	0 OHM	20	OPT	1nF	10nF	BAT46WJ
-B	OPT	OPT	OPT	0 OHM	0 OHM	OPT	OPT	OPT

[3.]

ASSY	LT3763 PRIMARY CONTROLLER COMPONENTS INSTALLED / REMOVED
-A	INSTALLED
-B	REMOVED

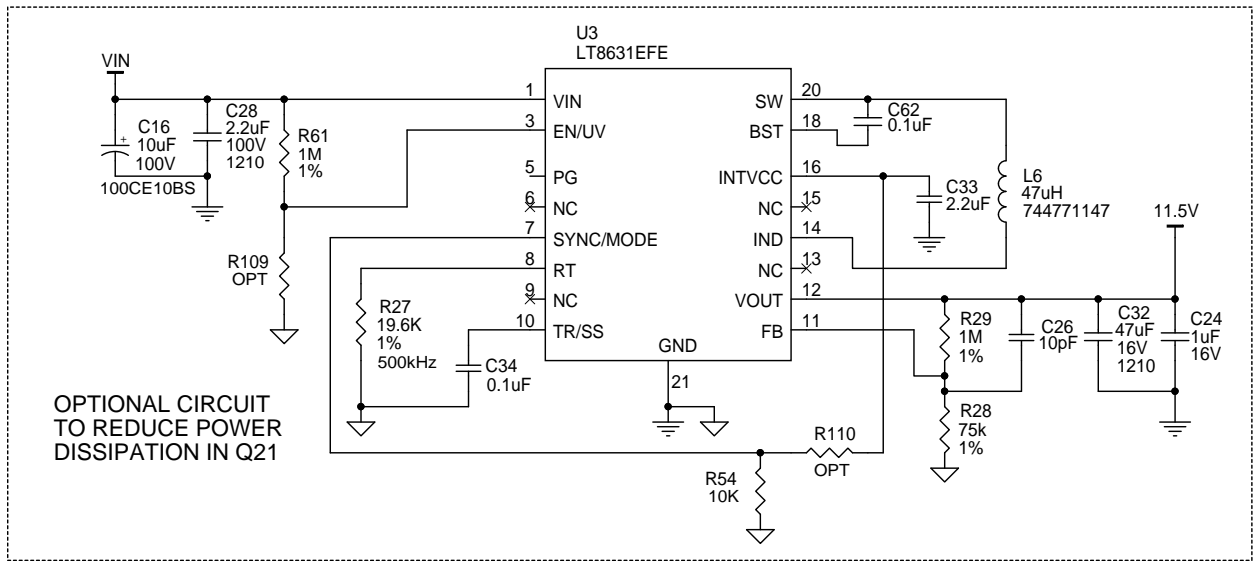
[5.]

ASSY	JP5 SYNC SYNC_U1 / VCC / RSYNC / GND
-A	GND
-B	SYNC_U1

[4.]

ASSY	JP4 MODE FLOAT / GND
-A	GND
-B	FLOAT

6. UNLESS OTHERWISE SPECIFIED,
ALL RESISTORS ARE 0603, 5%
AND ALL CAPACITORS ARE 0603.



CUSTOMER NOTICE		ANALOG DEVICES		POWER BY LINEAR		www.analog.com Phone: (408)432-1900	
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TITLE: SCHEMATIC		4-PHASE DC/DC EXPANDER WITH INTERNAL GATE DRIVERS FOR BUCK CONVERTERS		IC NO.		REV.	
SIZE N/A		LT8550EUKG DC2331A-A/-B		DATE: Wednesday, January 02, 2019		SHEET 6 OF 6	