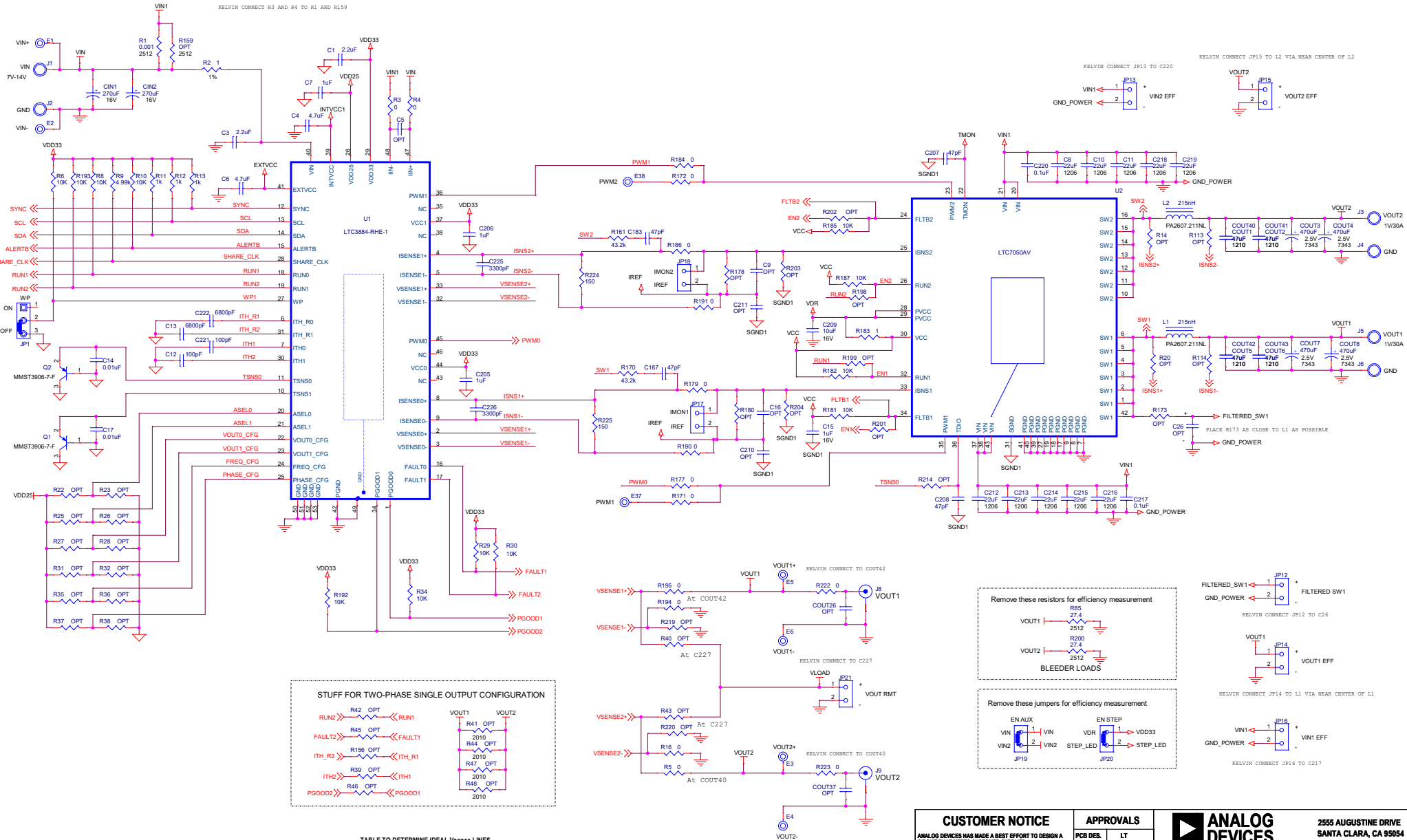


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	3	PRODUCTION	YT	12-20-21



NOTES:

1. L1 and L2 planes can accommodate FP0707R1-R110-R.

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.

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

APPROVALS

PCB DES.	LT
APP ENG.	YT

ANALOG DEVICES
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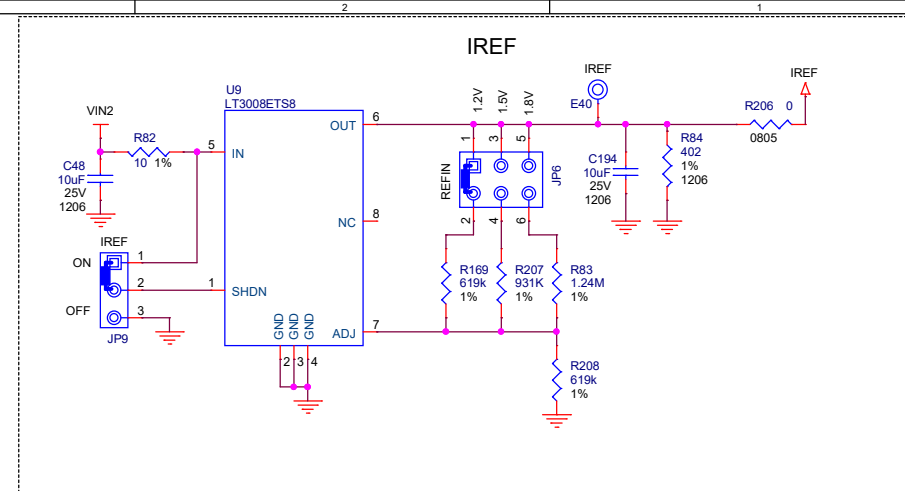
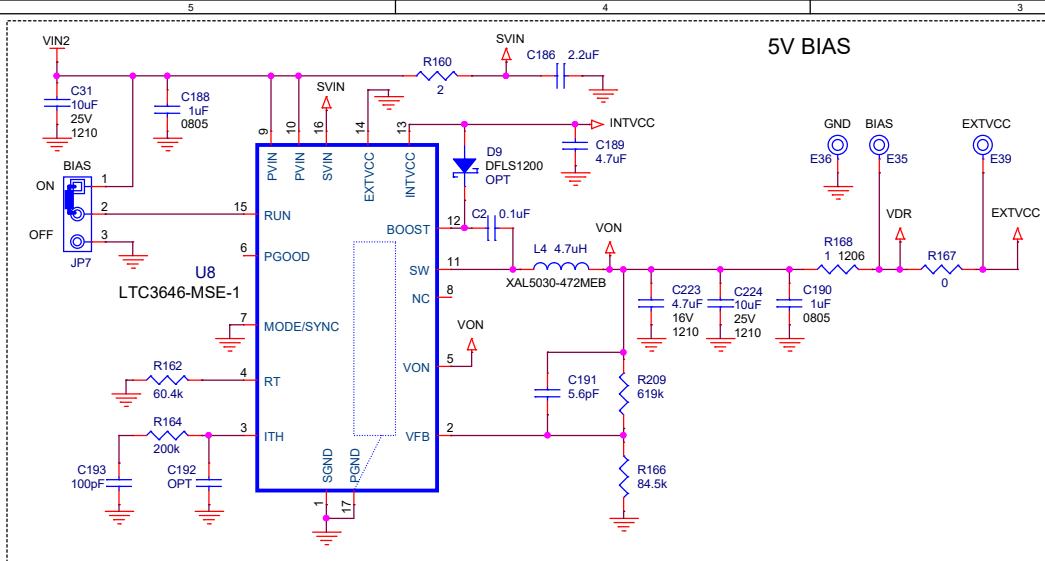
2555 AUGUSTINE DRIVE
SANTA CLARA, CA 95054
www.analog.com

TITLE: SCHEMATIC

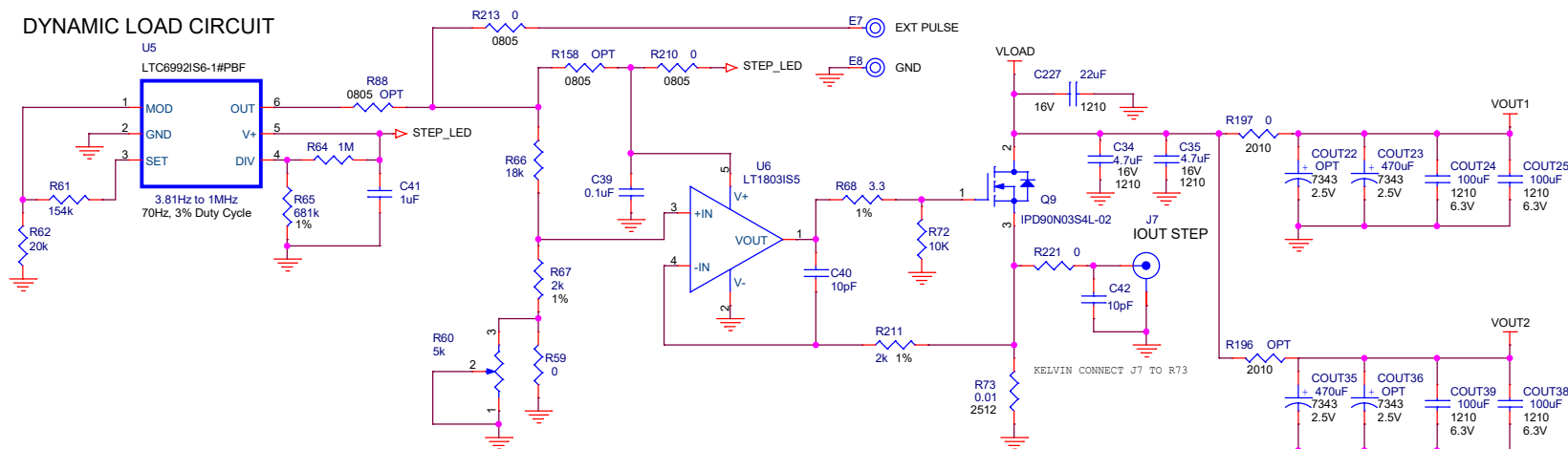
HIGH EFFICIENCY SYNCHRONOUS BUCK CONVERTER WITH PSM

IC NO.	LTC7050X / LTC3884RHE-1	SCHEMATIC NO. AND REVISION:
SKU NO.	DC2881A(A,B,C)	710-DC2881A(A,B,C)_REV03

SIZE:	N/A	DATE:	Monday, December 20, 2021	SHEET	1 OF 3
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DYNAMIC LOAD CIRCUIT

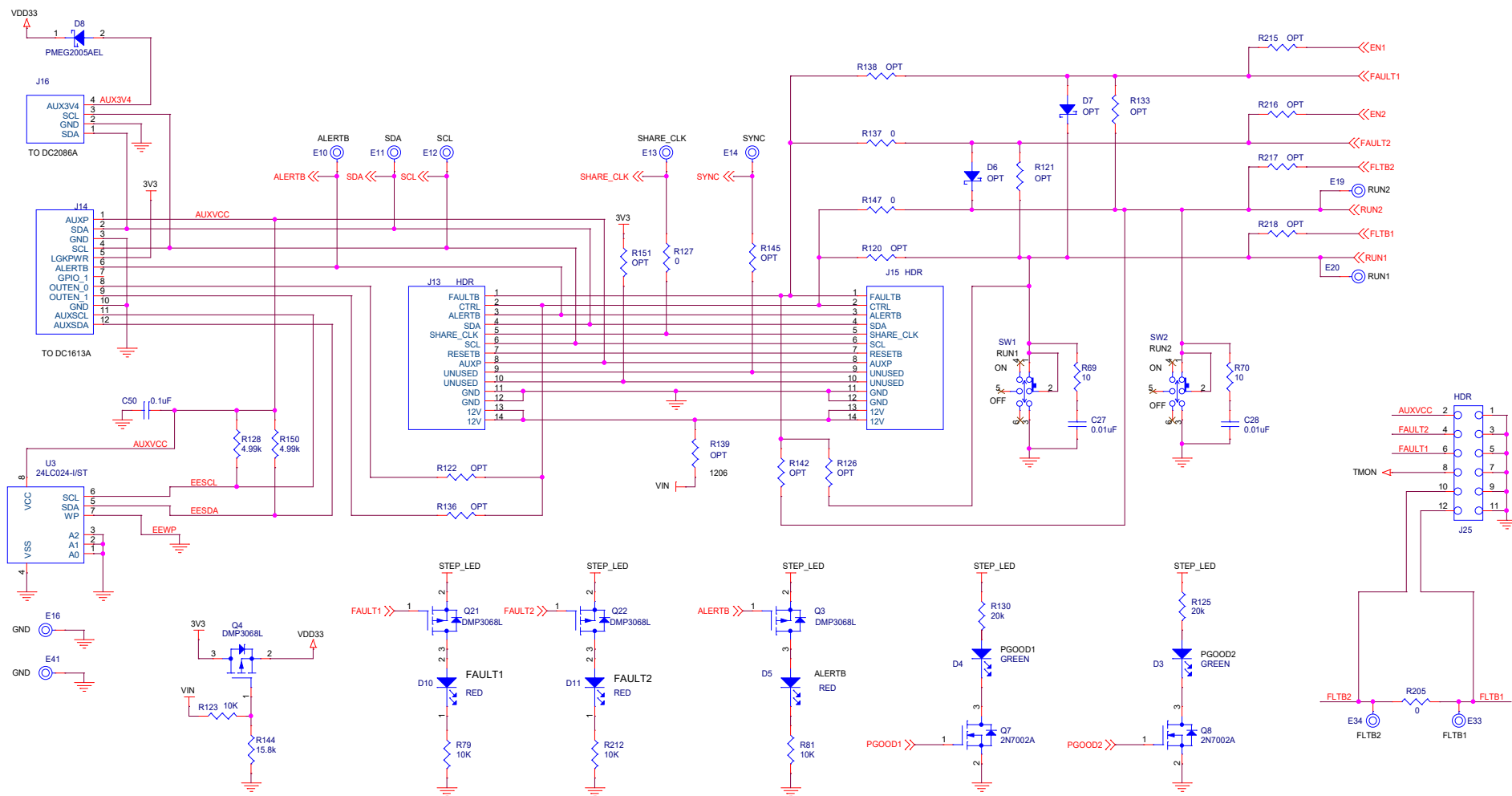


Stuffing options for dynamic load circuit:
 1) External Pulse: stuff R213, R210, R59=0, R67=2k;
 DNP: R88, R158
 2) On Board Pulse: stuff R88, R158=0, R67=301, R59=2.3k; DNP: R210

<Variant Name>

<div>CUSTOMER NOTICE</div> <div>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.</div>		<div>APPROVALS</div> <div>PCB DES. LT</div> <div>APP ENG. Y.T</div> <div></div> <div></div> <div></div> <div></div>		<div><div></div><div>ANALOG DEVICES</div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div>2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054 www.analog.com</div>			
<div>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.</div>		<div>TITLE: SCHEMATIC</div> <div>HIGH EFFICIENCY SYNCHRONOUS BUCK CONVERTER WITH PSM</div>		<div>IC NO. LTC7050X / LTC3884RHE-1</div> <div>SKU NO. DC2881A(A,B,C)</div>		<div>SCHEMATIC NO. AND REVISION:</div> <div>710-DC2881A(A,B,C)_REV03</div>	
				<div>SIZE: N/A</div> <div>DATE: Monday, December 20, 2021</div>		<div>SHEET 2 OF 3</div>	

ALL PARTS ON THIS PAGE ARE FOR DEMO BOARD ONLY, NOT NEEDED IN CUSTOMER DESIGN



HARDWARE

STNCL1	TOOL, STENCIL, 700-DC2881A	REV03	MP25	STANDOFF,NYLON,SNAP-ON,0.625 (5/8"),15.9mm
PCB1	PCB, DC2881A	REV03	MP26	STANDOFF,NYLON,SNAP-ON,0.625 (5/8"),15.9mm
			MP27	STANDOFF,NYLON,SNAP-ON,0.625 (5/8"),15.9mm
LB1	LABEL		MP28	STANDOFF,NYLON,SNAP-ON,0.625 (5/8"),15.9mm

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APPROVALS

PCB DES.	LT
APP ENG.	Y.T



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	TITLE: SCHEMATIC
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HIGH EFFICIENCY SYNCHRONOUS BUCK CONVERTER WITH PSM

IC NO.	LTC7050X / LTC3884RHE-1
SKU NO.	DC2881A(A,B,C)

SCHEMATIC NO. AND REVISION:
710-DC2881A(A,B,C)_REV03

SIZE: N/A	DATE: Monday, December 20, 2021	SHEET 3 OF 3
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