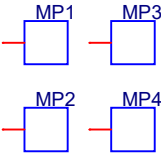


PCA ADDITIONAL PARTS

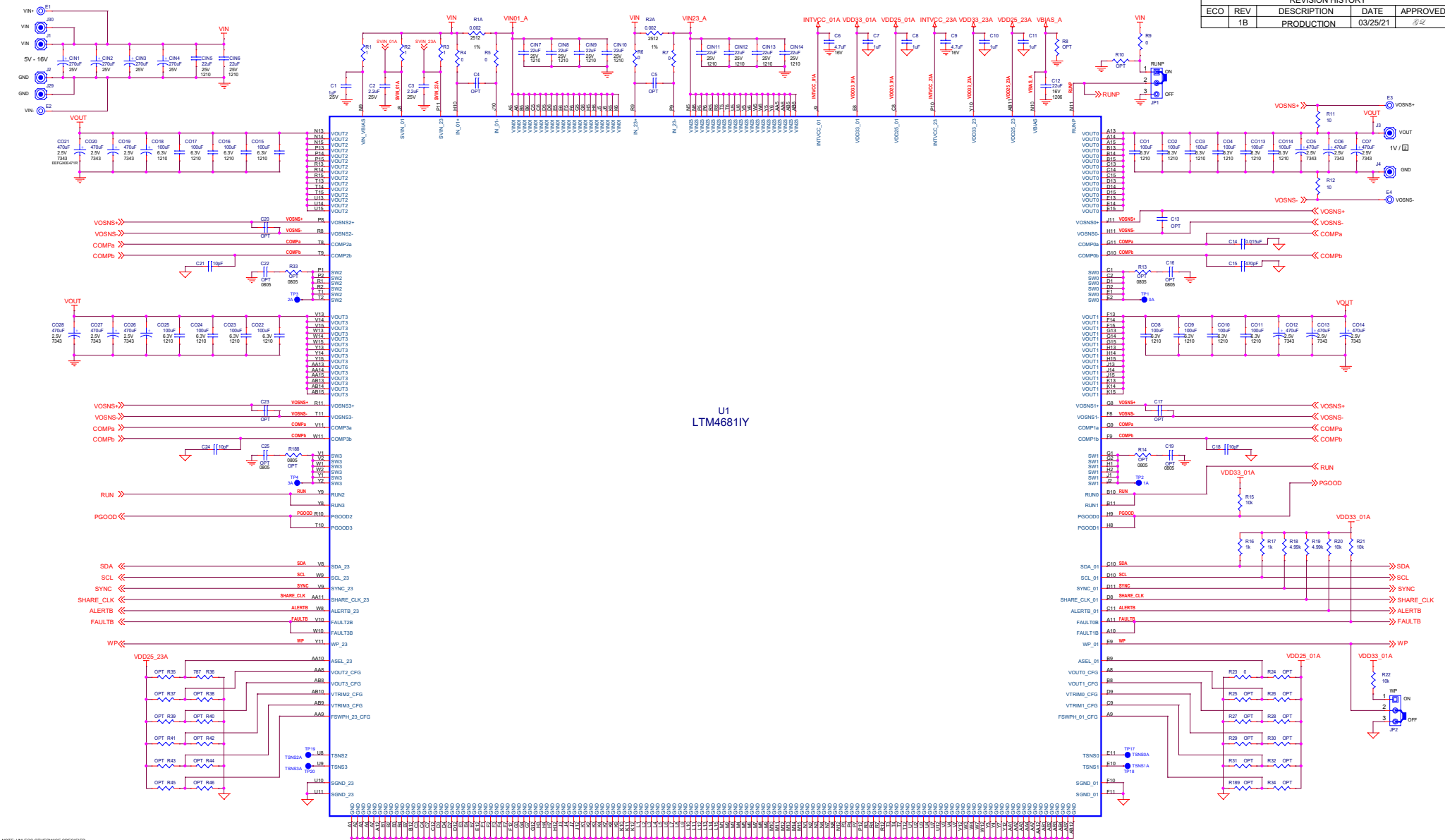
LB1	LABEL SPEC, DEMO BOARD SERIAL NUMBER
STNCL1	TOOL, STENCIL, DC3082A REV01



Blank PCB

Oracle Part Number	Oracle Description	BLANK_PCB_ATE, 04/18/2018
600-DC3082A		
600-DC3082A DUPLICATE ORACLE PART NUMBER	ADI APPROVED SUPPLIER DO NOT CHANGE; SHOULD SAY "ADI Test Engineering"	

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1B	PRODUCTION	03/25/21	



NOTE: UNLESS OTHERWISE SPECIFIED,
1. ALL RESISTORS AND CAPACITORS ARE 0603

VERSION	NUMBER OF LTM4681 USED	MAX OUTPUT CURRENT	DEFAULT VOUT	DEFAULT FSW	C14	C15	NOTE FOR ASSEMBLY
-A	2x LTM4681: U1, U2	240A	1V	350kHz	10nF	330pF	All components listed on page 3 and page 4 of the schematic are option and not stuffed for -A version
-B	3x LTM4681: U1, U2, U3	360A	1V	350kHz	12nF	470pF	All components listed on page 4 of the schematic are option and not stuffed for -B version
-C	4x LTM4681: U1, U2, U3, U4	480A	1V	350kHz	15nF	470pF	

CUSTOMER NOTICE

ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER'S 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 APPLICATION ENGINEERING FOR ASSISTANCE.

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

APPROVALS

PCB DES.	
APP ENG.	

POWER BY

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

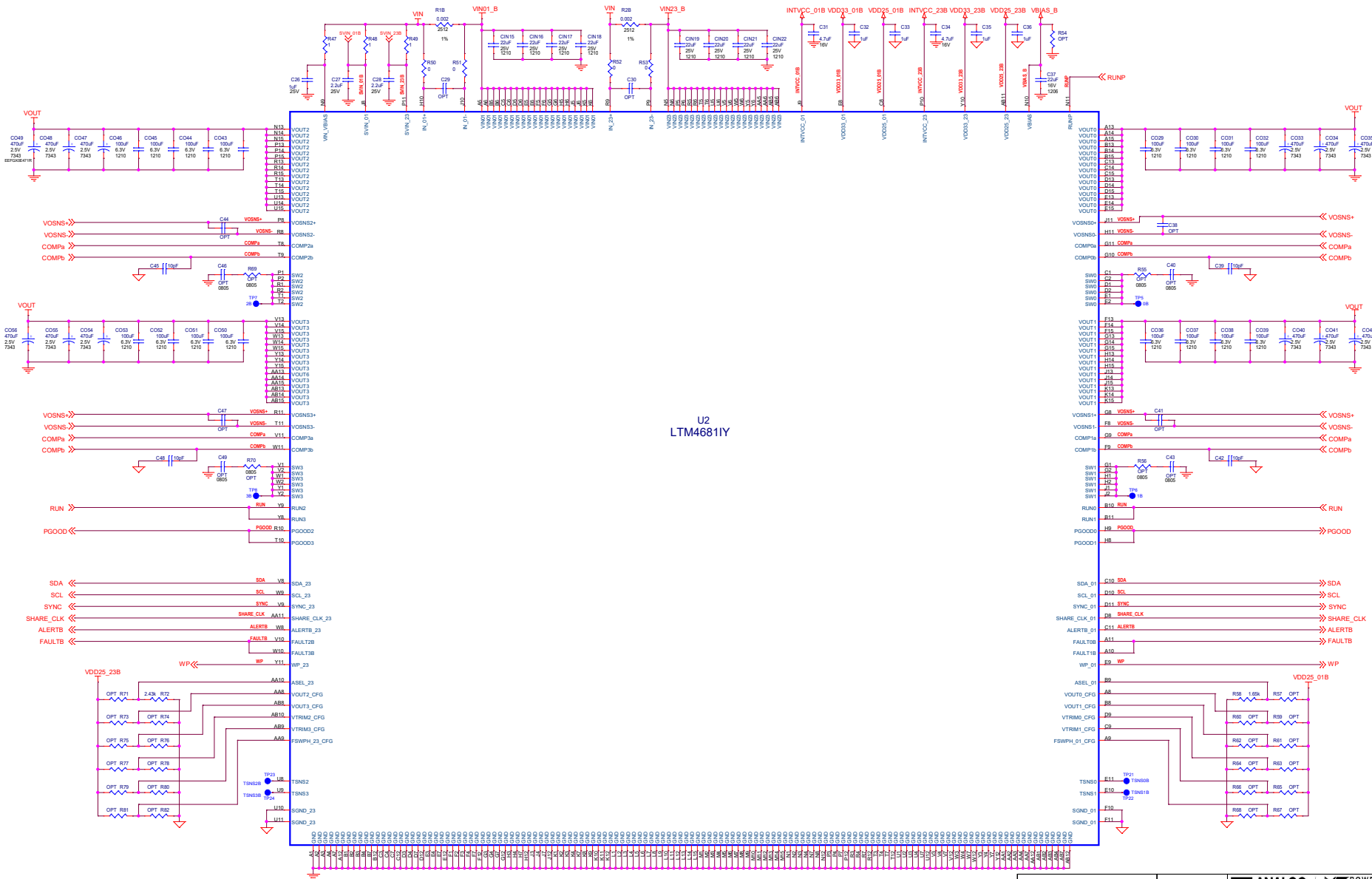
TITLE: SCHEMATIC

POLYPHASE SINGLE OUTPUT DC/DC PSM
MODULE REGULATOR



IC NO. LTM4681IY
SKU NO. DC3082A-C

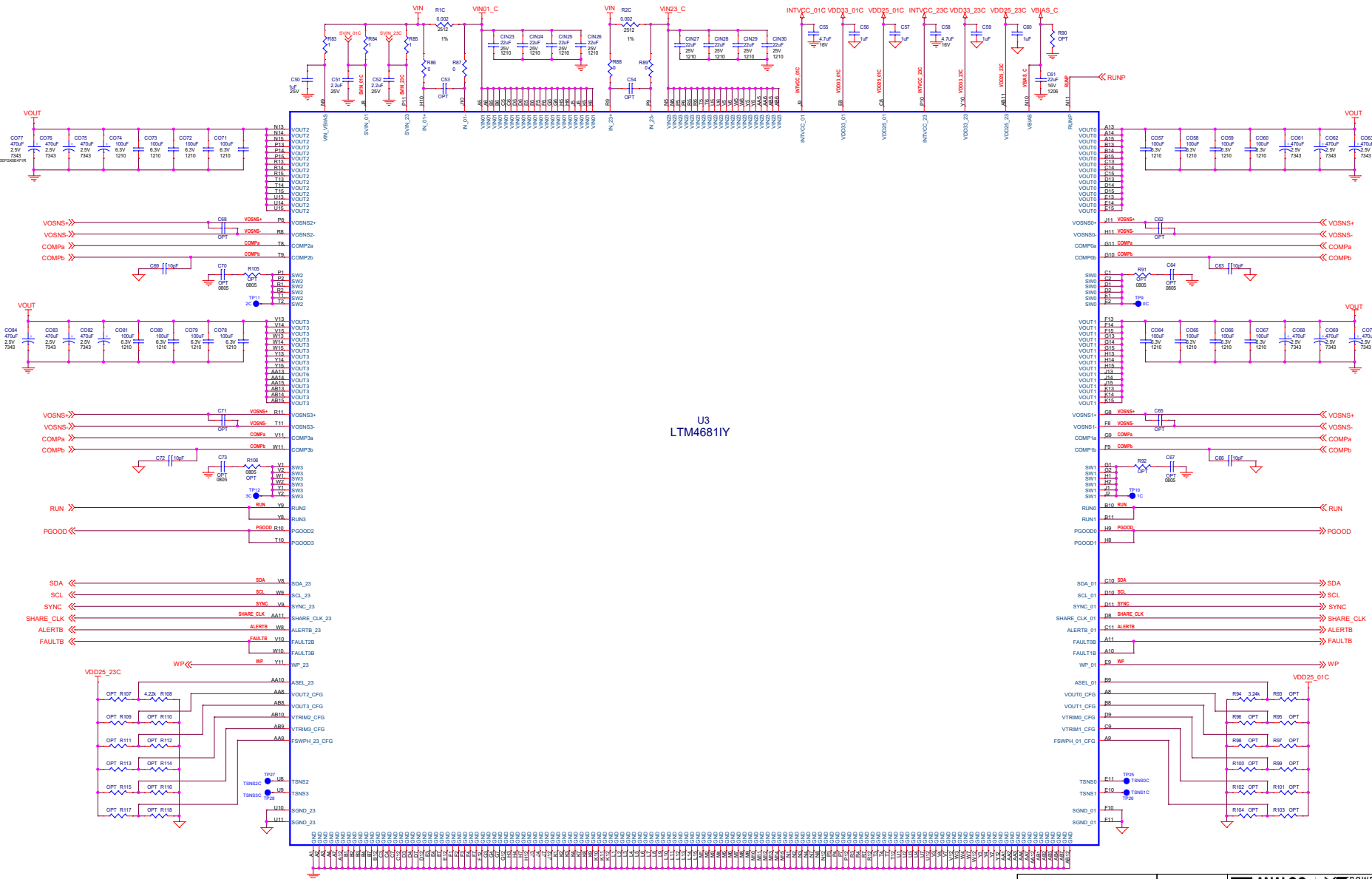
SCHEMATIC NO. AND REVISION:
710-DC3082A-C_REV01B

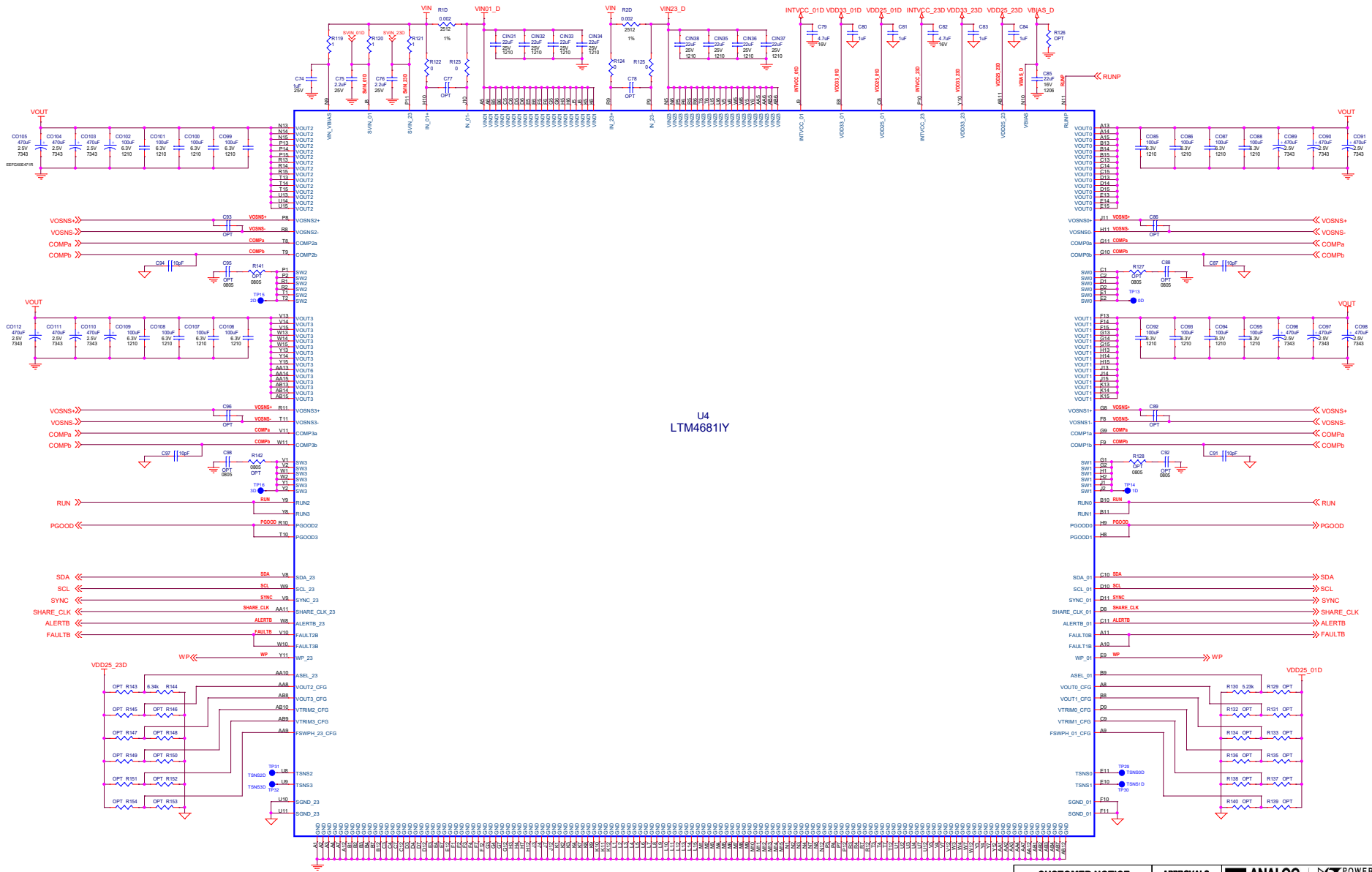
SIZE: N/A DATE: Friday, March 26, 2021 SHEET 1 OF 5





U2
LTM4681IY

CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER SPECIFIED OPERATIONAL REQUIREMENTS. 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 APPLICATION ENGINEERING FOR ASSISTANCE. THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PRODUCTS.		APPROVALS PCB DES. <i>[Signature]</i> APP ENG. <i>[Signature]</i>		  www.analog.com Phone: (800) 424-1900	
		TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM MODULE REGULATOR			
		IC NO. LTM4681IY SKU NO. DC3082A-C		SCHEMATIC NO. AND REVISION: 710-DC3082A-C_REV018	
		SIZE: N/A		DATE: Friday, March 26, 2021	
				SHEET 2 OF 5	





CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER SPECIFIED OPERATIONAL REQUIREMENTS. 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 APPLICATION ENGINEERING FOR ASSISTANCE.		APPROVALS PCB DES. <i>[Signature]</i> APP ENG. <i>[Signature]</i>		 ANALOG DEVICES www.analog.com		 POWER BY LINEAR Phone: (408)432-1900	
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PRODUCTS.		TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM MODULE REGULATOR					
		IC NO. LTM4681IY SKU NO. DC3082A-C		SCHEMATIC NO. AND REVISION: 710-DC3082A-C_REV01B			
		SIZE: N/A DATE: Friday, March 26, 2021		SHEET 4 OF 5			

