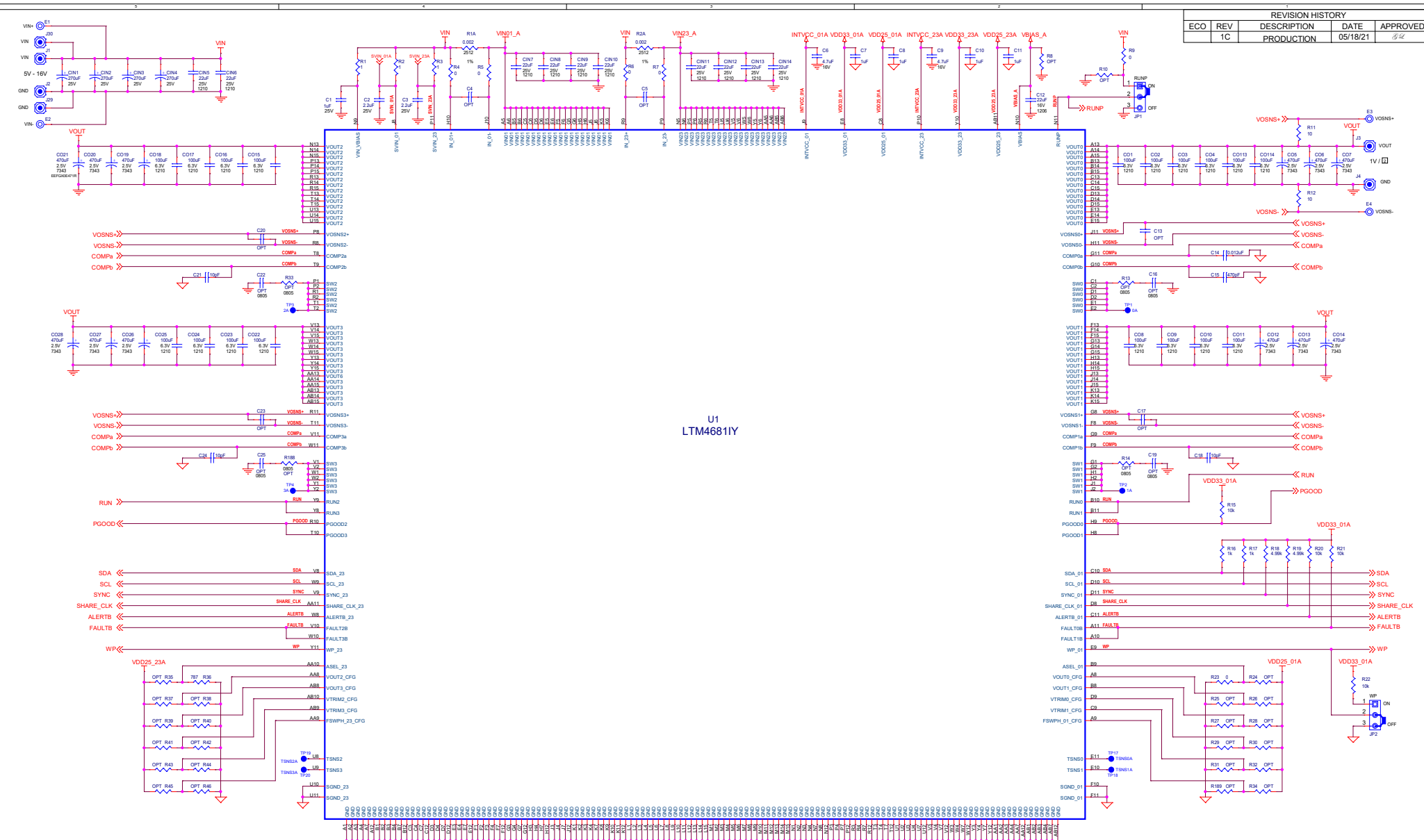


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1C	PRODUCTION	05/18/21	✓



NOTE: UNLESS OTHERWISE SPECIFIED:
1. ALL RESISTORS 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-SPECIFIED REQUIREMENTS. 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. FOR RELIABILITY, CONSULT ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.

APPROVALS
FOR DES. *[Signature]*
APP ENG. *[Signature]*

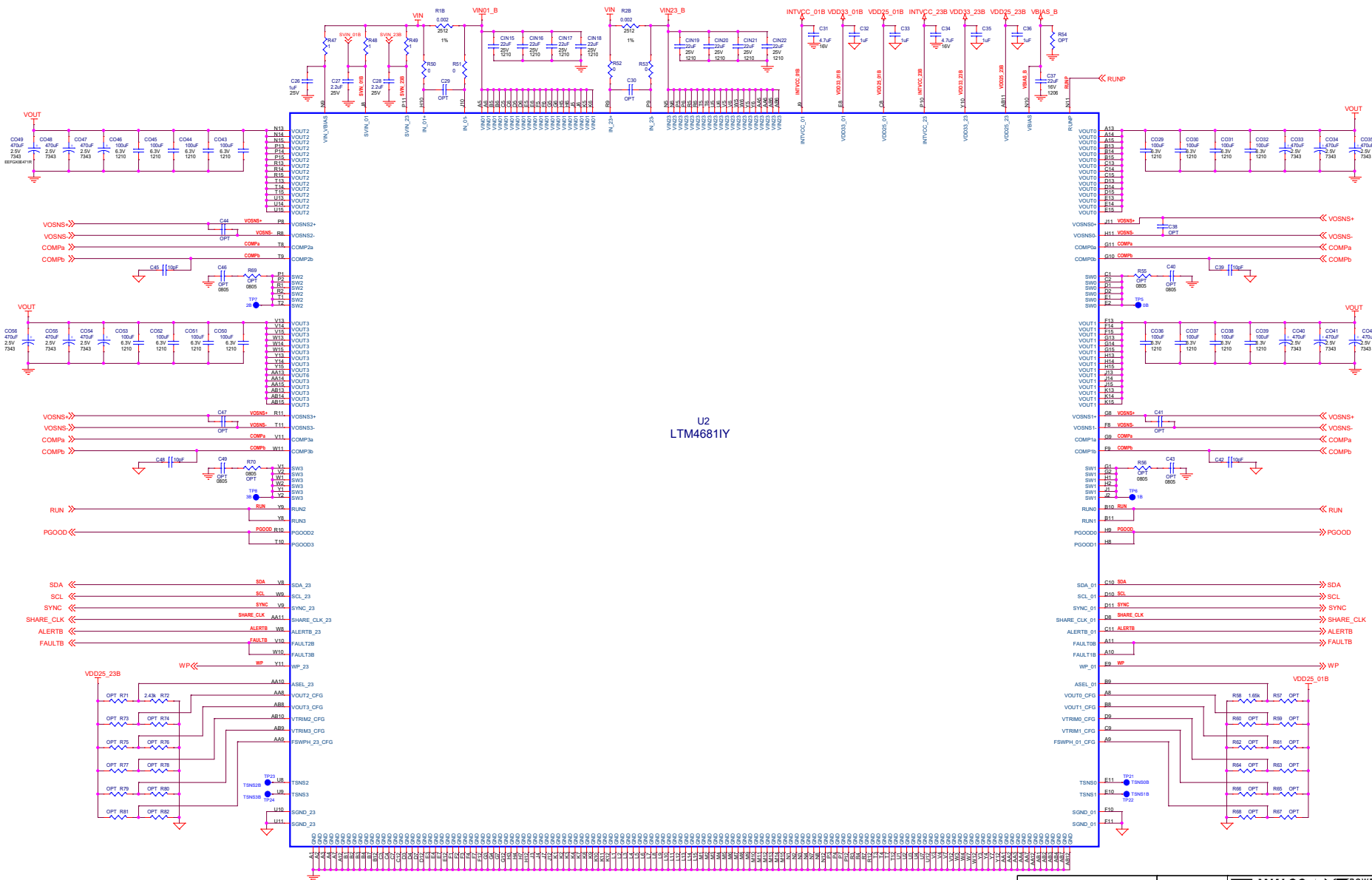
www.analog.com Phone: (408)432-1900

TITLE: SCHEMATIC
POLYPHASE SINGLE OUTPUT DC/DC PSM
MODULE REGULATOR

IC NO. LTM4681IY
SKU NO. DC3082A-B

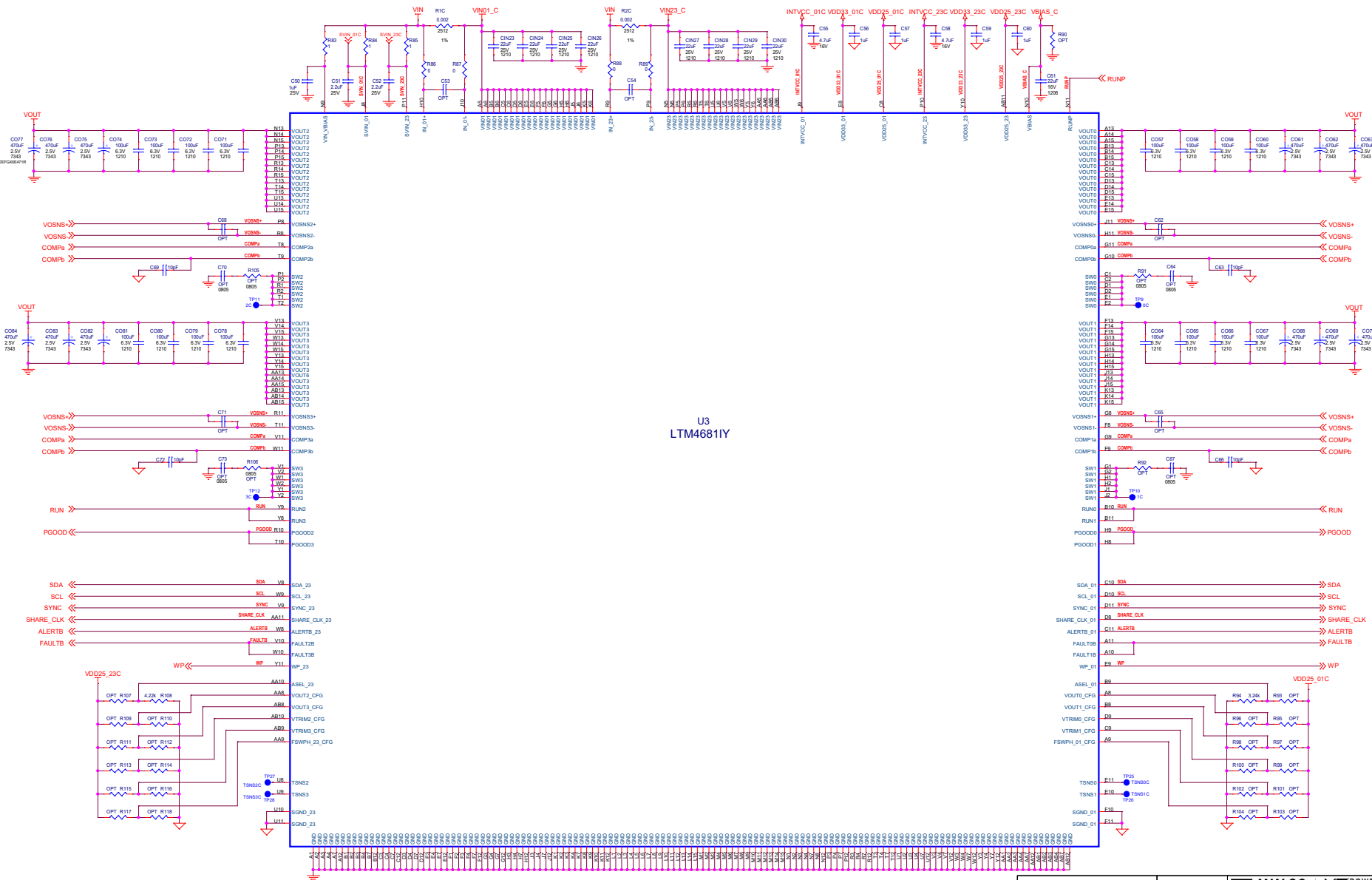
SCHEMATIC NO. AND REVISION:
710-DC3082A-B_REV01C

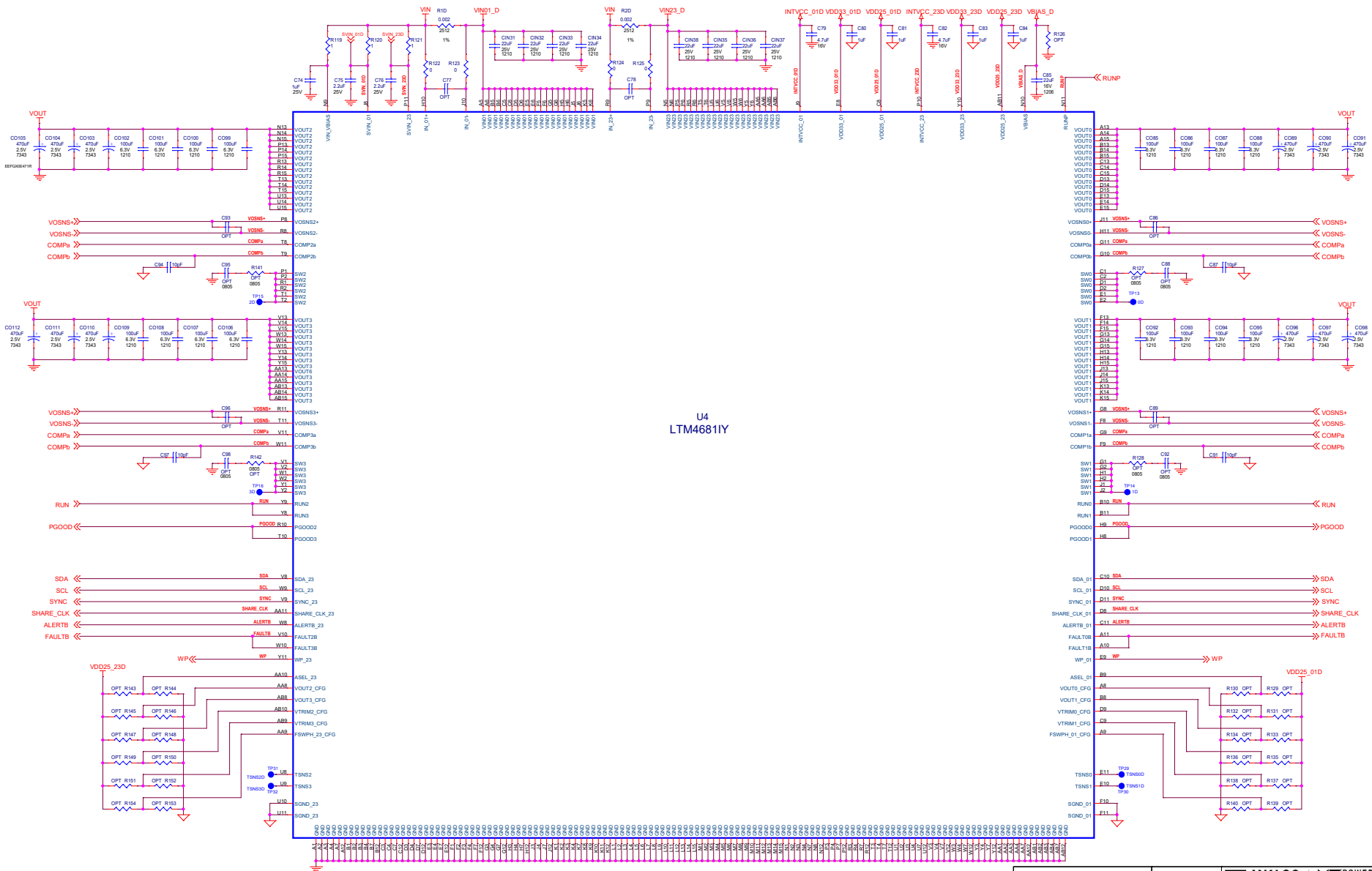
SIZE: N/A DATE: Tuesday, May 18, 2021 SHEET 1 OF 5





U2
LTM4681IY

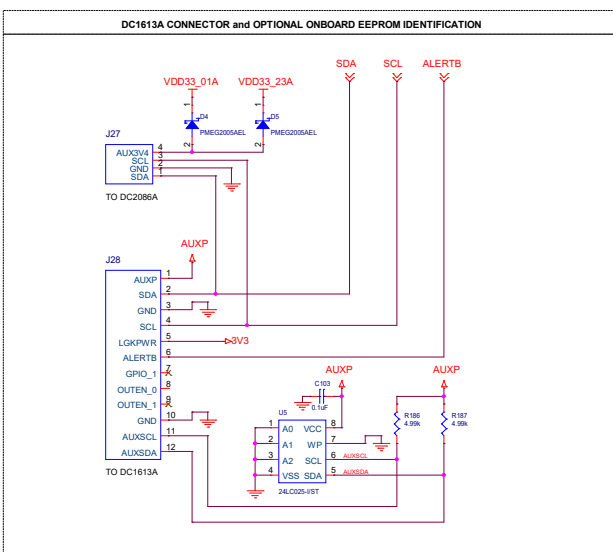
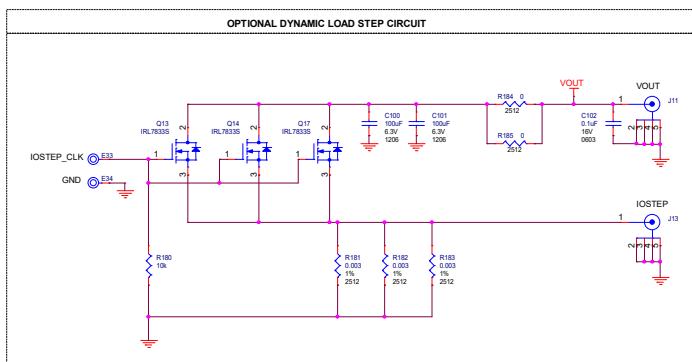
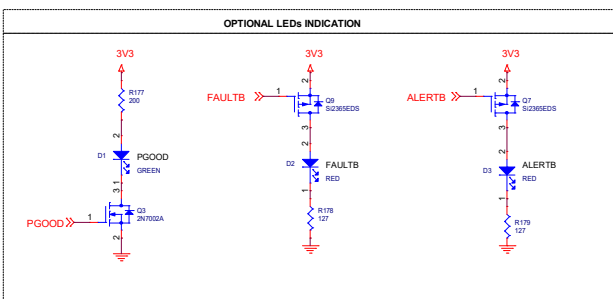
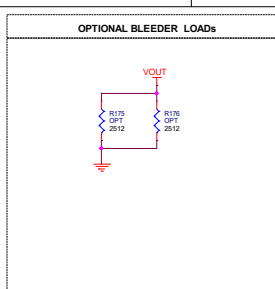
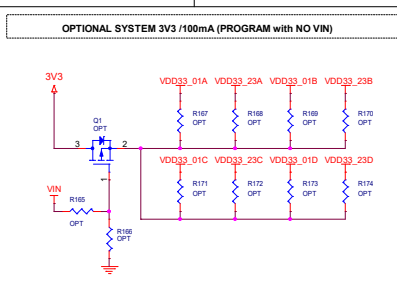
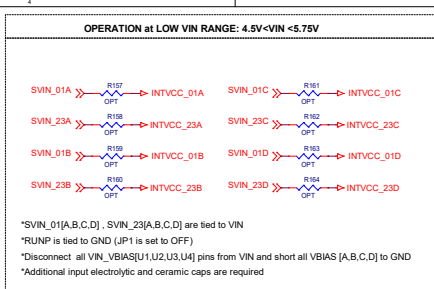
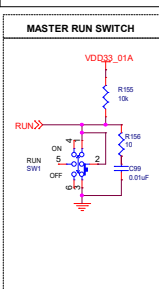
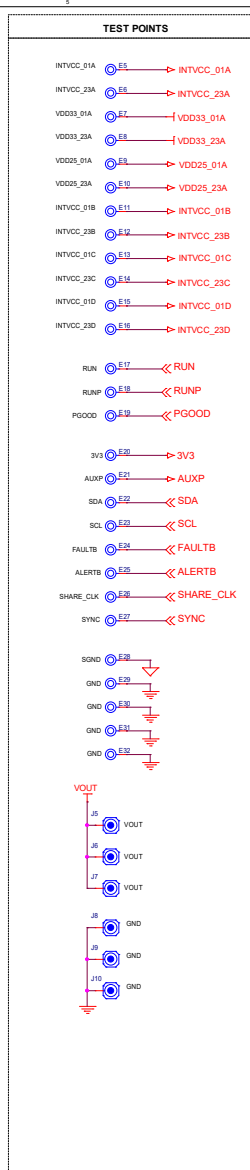
CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SPECIFIED REQUIREMENTS. HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE. FOR TECHNICAL ASSISTANCE, CONTACT ANALOG DEVICES APPLICATION ENGINEERING FOR ASSISTANCE.		APPROVALS FOR DES. <i>[Signature]</i> APP ENG. <i>[Signature]</i>		ANALOG DEVICES www.analog.com POWER BY LINEAR Phone: (408)432-1900	
TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM MODULE REGULATOR		IC NO. LTM4681IY SKU NO. DC3082A-B		SCHEMATIC NO. AND REVISION: 710-DC3082A-B_REV01C	
SIZE: N/A		DATE: Tuesday, May 18, 2021		SHEET 2 OF 5	







U4
LTM4681IY

CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SPECIFIED REQUIREMENTS. 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. FOR FURTHER INFORMATION, CONTACT ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.		APPROVALS FOR DES. <i>[Signature]</i> APP ENG. <i>[Signature]</i>		  www.analog.com Phone: (603) 832-1900
TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM JANUARY REGULATOR				
IC NO. LTM4681IY SKU NO. DC3082A-B				
SCHEMATIC NO. AND REVISION: 710-DC3082A-B_REV01C				
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PRODUCTS.		SIZE: N/A	DATE: Tuesday, May 18, 2021	SHEET 4 OF 5



CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SPECIFIED 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		 ANALOG DEVICES  POWER BY LINEAR www.analog.com Phone: (408)432-1900
	FOR DES: <i>[Signature]</i>		
	APP ENG: <i>[Signature]</i>		
	TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM MODULE REGULATOR		
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.	IC NO. LT1446811Y		SCHEMATIC NO. AND REVISION: 710-DC3082A-B_REV01C
	SKU NO. DC3082A-B		
	SIZE: N/A Date: Tuesday, May 18, 2021		
	SHEET 5 OF 5		