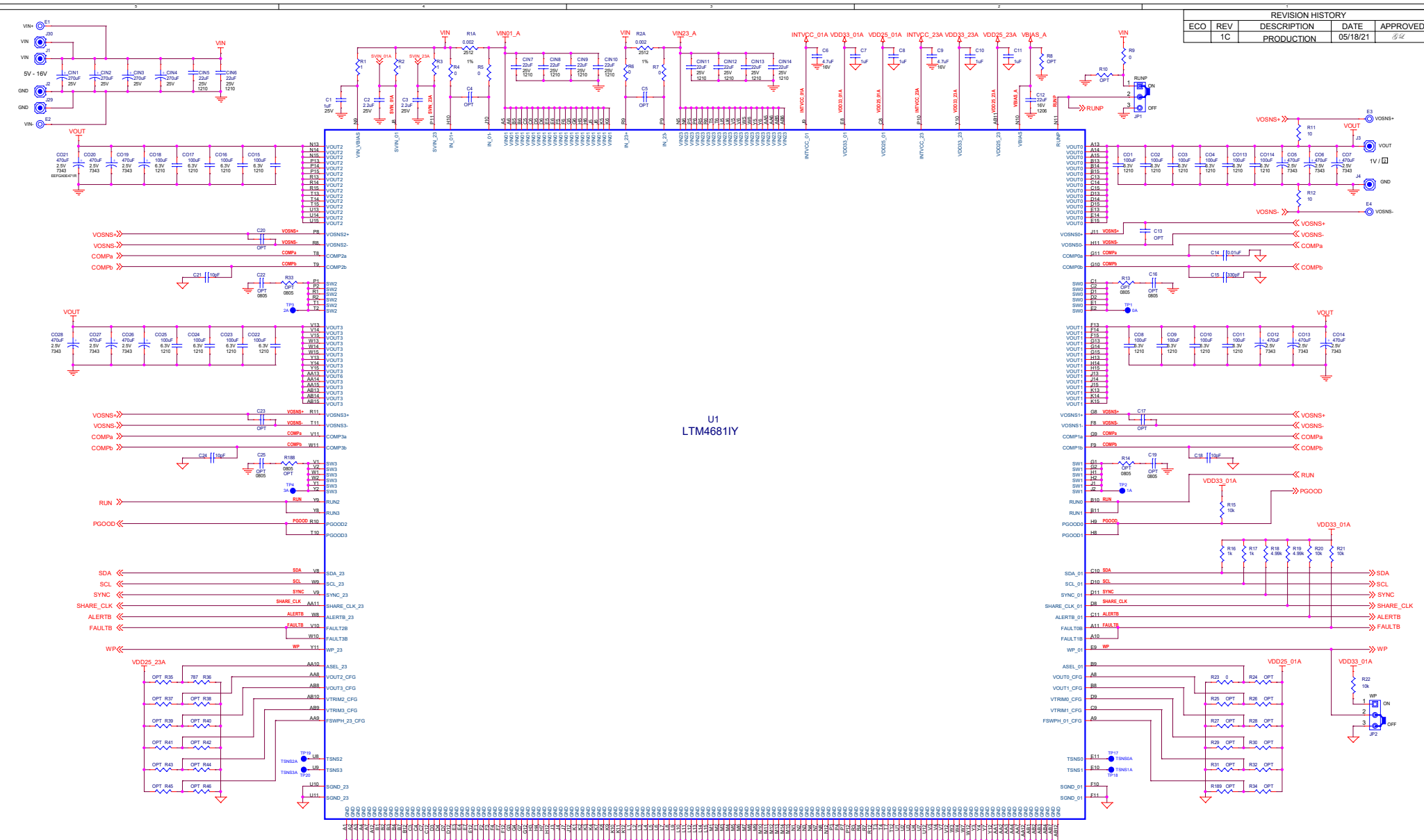


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1C	PRODUCTION	05/18/21	8/2



NOTE: UNLESS OTHERWISE SPECIFIED:
1. ALL RESISTORS ARE 0805

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 OR RELIABILITY. CONSULT ANALOG DEVICES APPLICATION ENGINEERING FOR ASSISTANCE.

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

APPROVALS

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

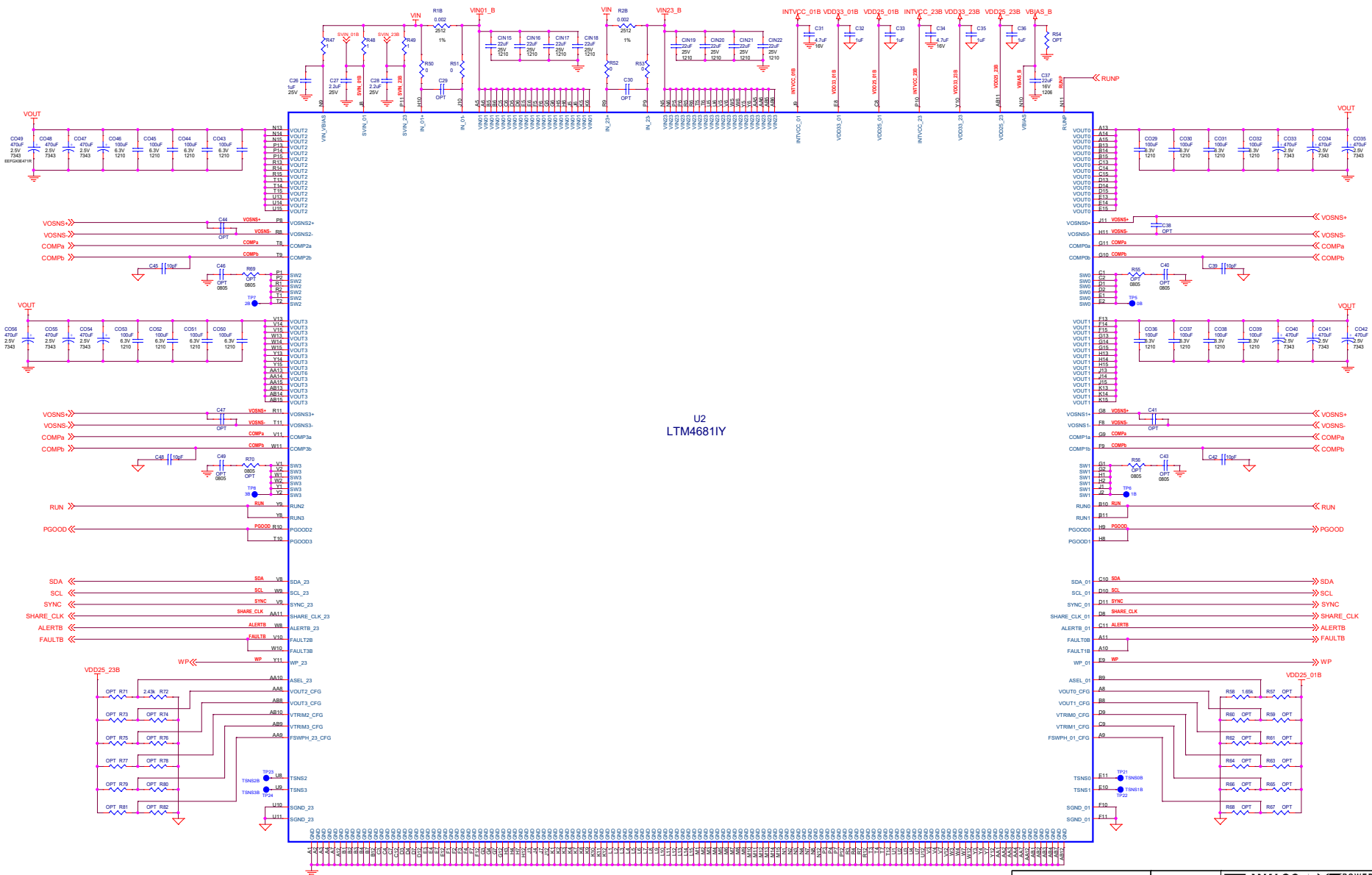




TITLE: SCHEMATIC
POLYHASE SINGLE OUTPUT DC/DC PSM
MODULE REGULATOR

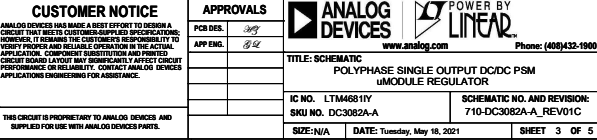
IC NO. LTM4681Y
SKU NO. DC3082A-A

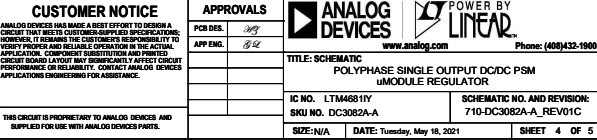
SCHEMATIC NO. AND REVISION: 710-DC3082A-A_REV01C

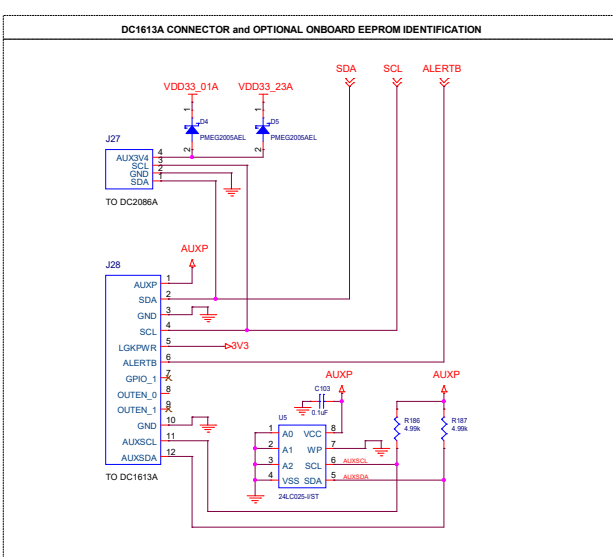
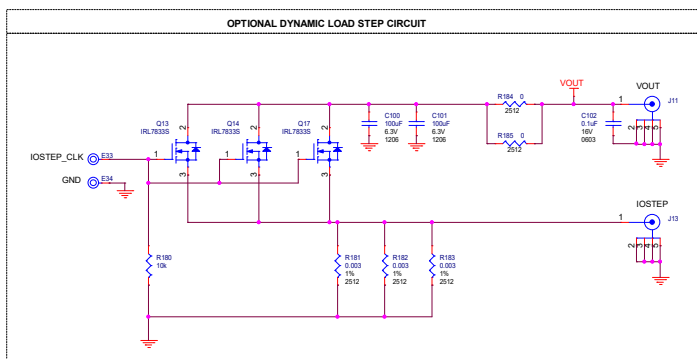
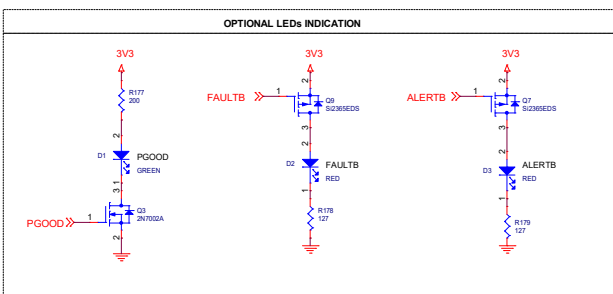
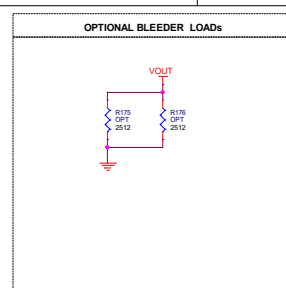
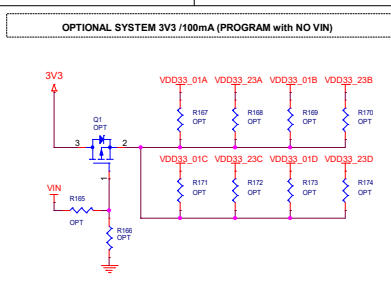
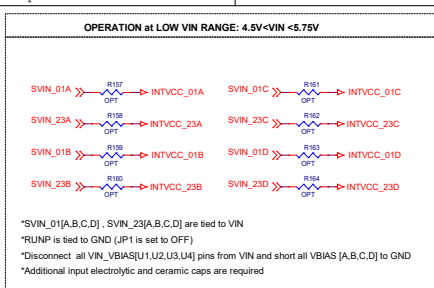
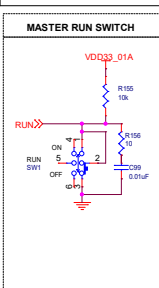
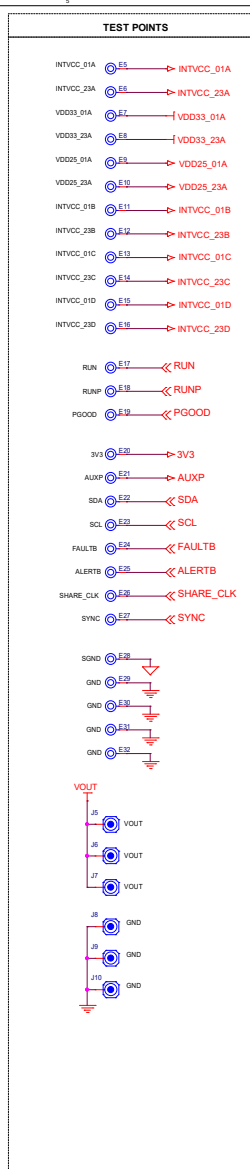
SIZE: N/A DATE: Tuesday, May 18, 2021 SHEET 1 OF 5



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 APPLICATIONS ENGINEERING FOR ASSISTANCE.	APPROVALS	  www.analog.com	Phone: (408)432-1900	
	FOR DES. <i>[Signature]</i>			
	APP ENG. <i>[Signature]</i>			
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.		TITLE: POLYPHASE SINGLE OUTPUT DC/DC PSM UNICOLUR REGULATOR		
		IC NO. LTM4681IY SKU NO. DC3082A-A	SCHEMATIC NO. AND REVISION: 710-DC3082A-A_REV01C	
		SIZE: N/A	DATE: Tuesday, May 18, 2021	SHEET 2 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 PCB DES: <i>[Signature]</i> APP ENG: <i>[Signature]</i>	ANALOG DEVICES POWER BY LINEAR www.analog.com Phone: (408)432-1900	
	TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM MODULE REGULATOR		
	IC NO. LTM4681TY SKU NO. DC3082A-A		
	SCHEMATIC NO. AND REVISION: 710-DC3082A-A_REV01C		
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.	SIZE: N/A DATE: Tuesday, May 18, 2021	SHEET 5 OF 5	