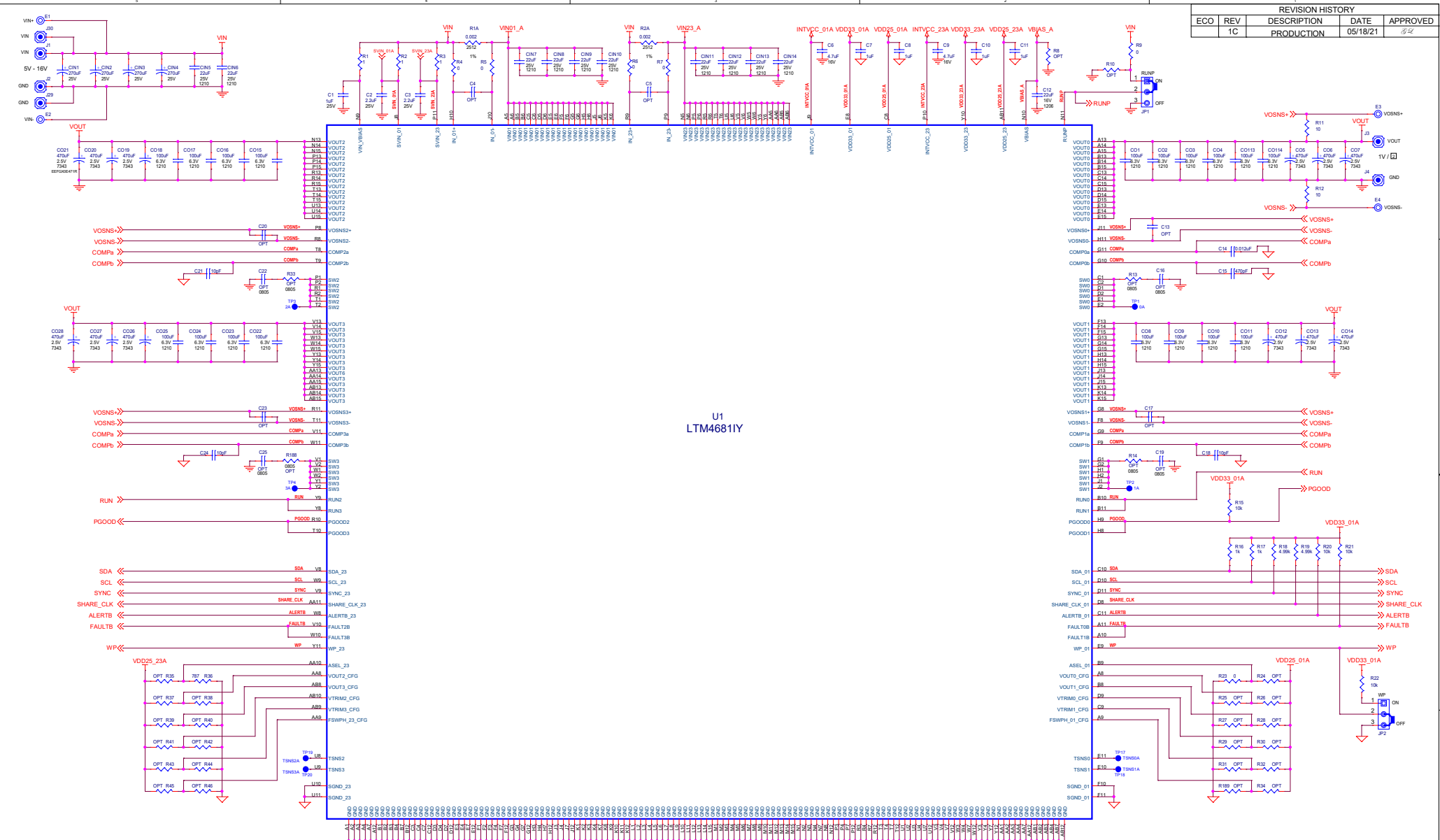


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1C	PRODUCTION	05/18/21	<i>[Signature]</i>



U1
LTM4681Y

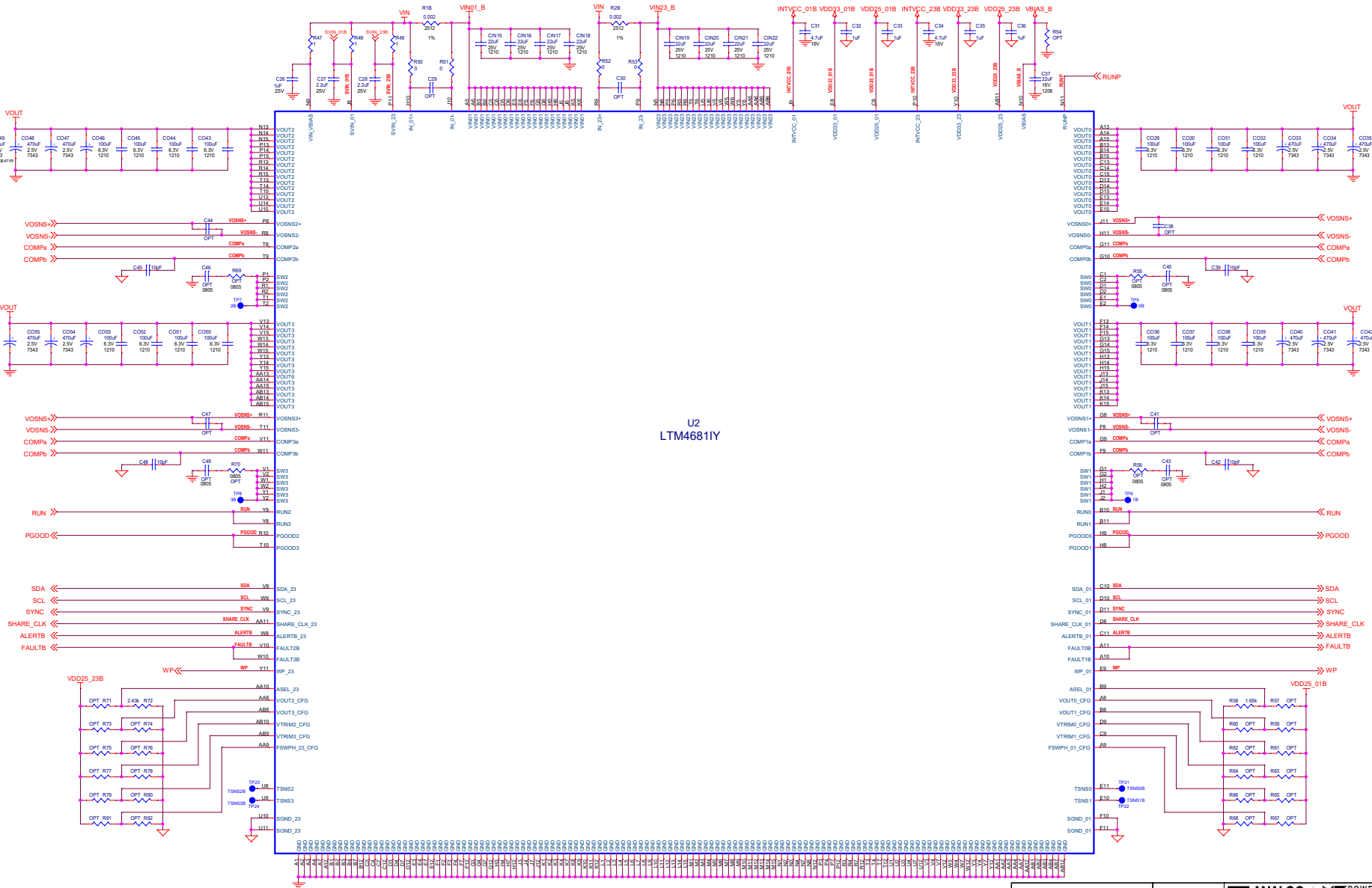
NOTE: UNLESS OTHERWISE SPECIFIED:
1. ALL RESISTORS ARE 0603

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	330µF	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	470µF	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	470µF	

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 PRESENTLY AFFECT CIRCUIT PERFORMANCE. WE RECOMMEND THAT YOU CONTACT APPLICATIONS ENGINEERING FOR ASSISTANCE.

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

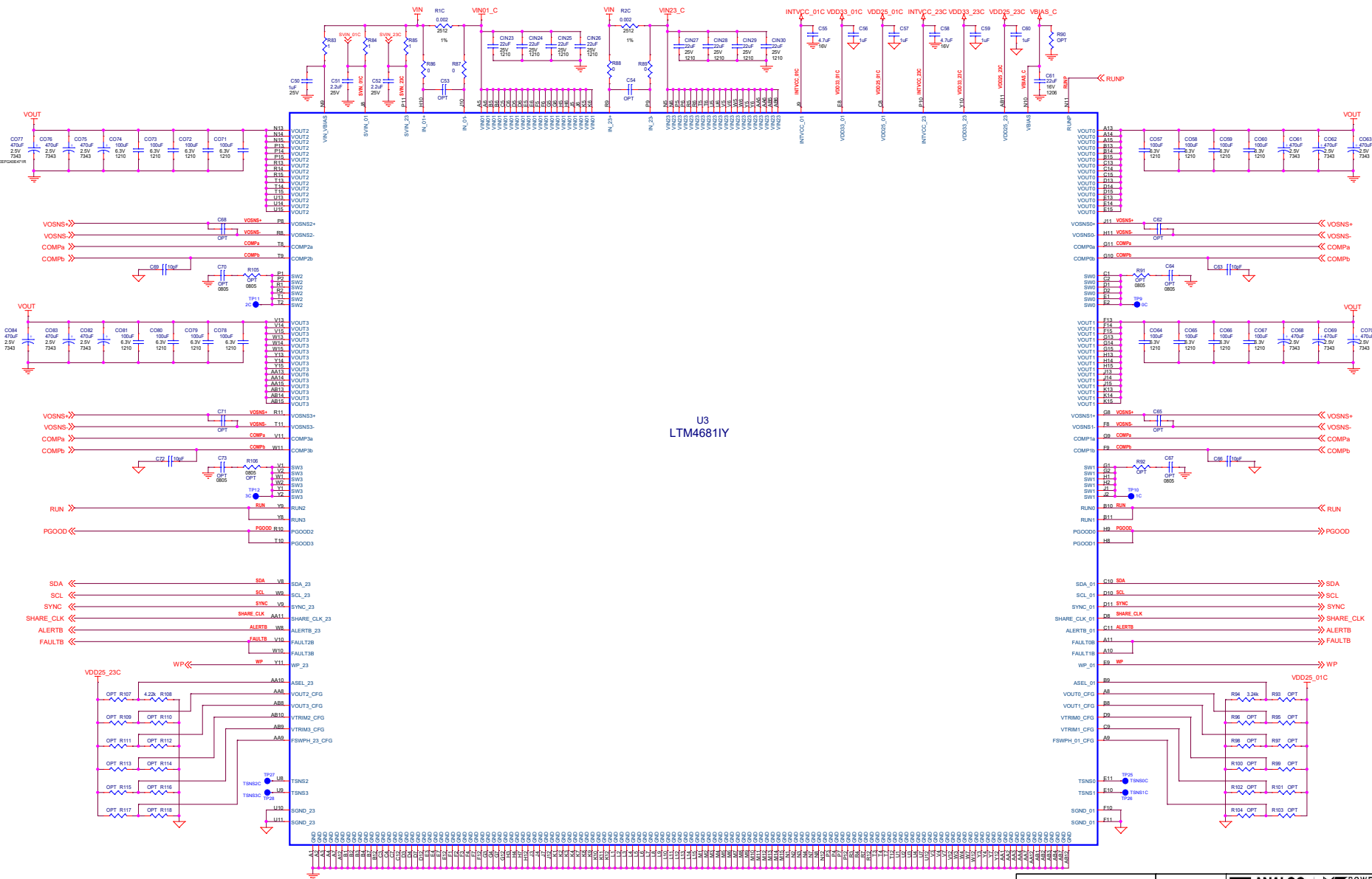
APPROVALS		ANALOG DEVICES		POWER BY LINEAR	
FOR DES:	<i>[Signature]</i>	www.analog.com		Phone: (408)435-1900	
APP ENG:	<i>[Signature]</i>				
TITLE: SCHEMATIC		POLYPHASE SINGLE OUTPUT DC/DC PSM			
IC NO. LTM4681Y		SCHEMATIC NO. AND REVISION: 710-DC3082A-B_REV01C			
SKU NO. DC3082A-B		DATE: Tuesday, May 18, 2021			
SIZE: N/A		SHEET 1 OF 5			



U2
LTM4681Y

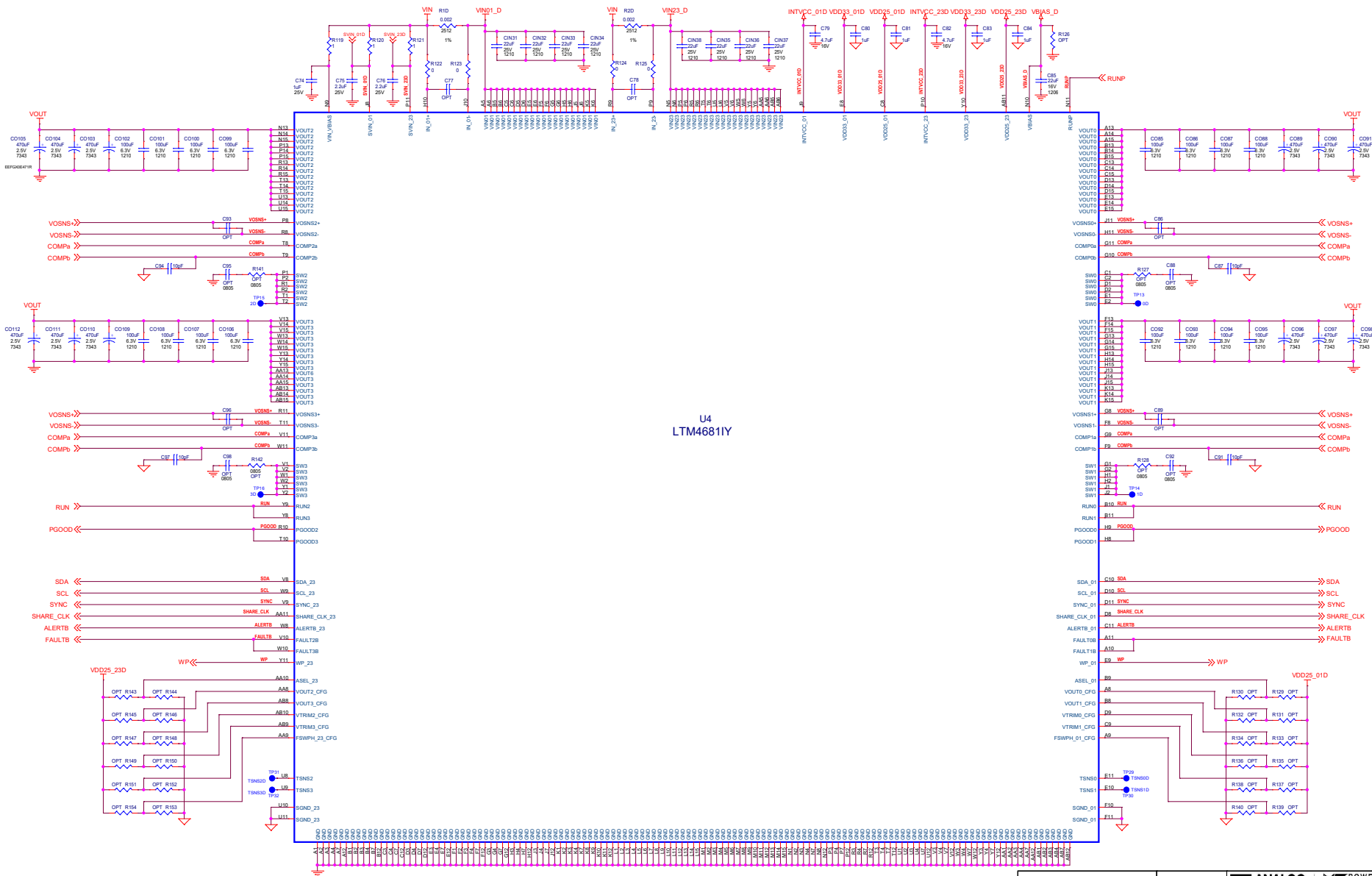
CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR	
ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER SPECIFICATIONS. HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE. WE WILL BE GLAD TO ASSIST ANALOG DEVICES APPLICATION ENGINEERS FOR ASSISTANCE.		FOR DES.	APP	www.analog.com		Phone: (408)432-1900	
		APP ENG.	BZ	TITLE: SCHEMATIC		SCHEMATIC NO. AND REVISION:	
				POLYPHASE SINGLE OUTPUT DC/DC PSM		710-DC3082A-B_REV01C	
				IC NO. LTM4681Y		SCHEMATIC NO. AND REVISION:	
				SKU NO. DC3082A-B		710-DC3082A-B_REV01C	
				SIZE: N/A		DATE: Tuesday, May 18, 2021	
						SHEET 2 OF 5	

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



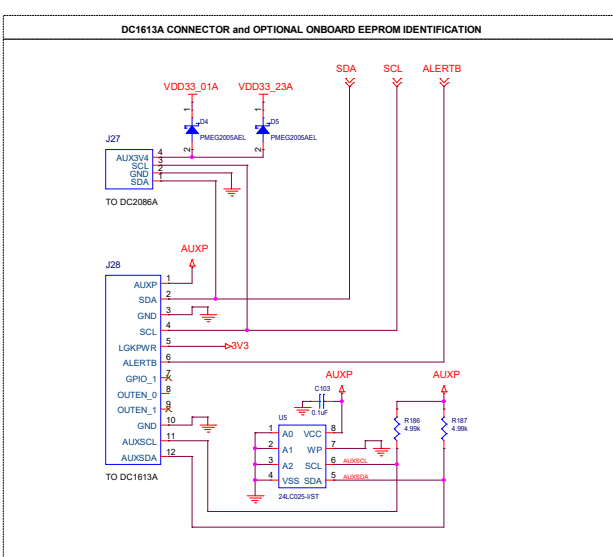
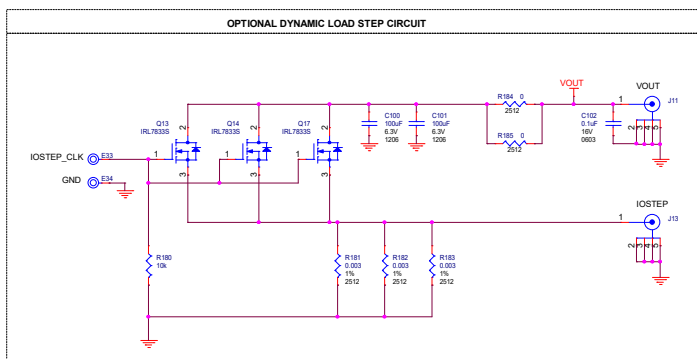
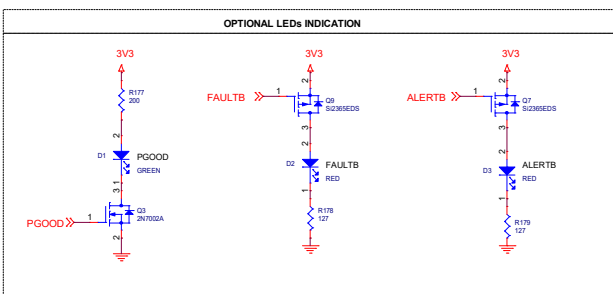
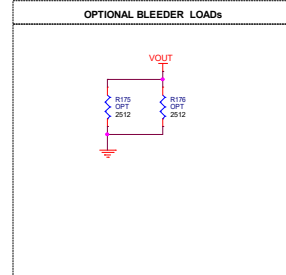
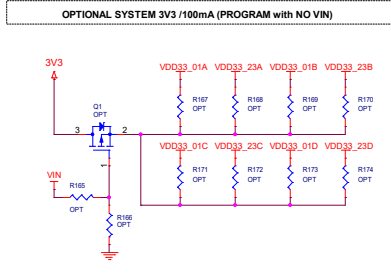
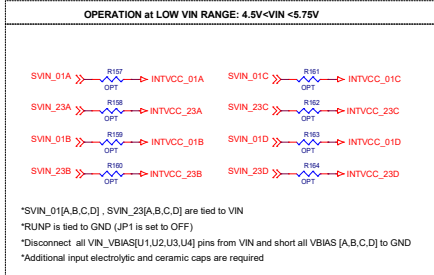
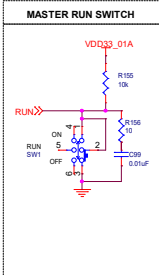
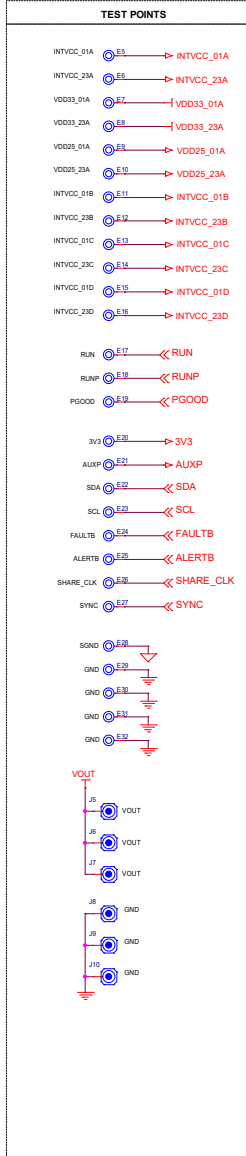
U3
LTM4681Y

CUSTOMER NOTICE ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER 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. WE WILL NOT BE HELD RESPONSIBLE FOR APPLICATIONS ENGINEERING ASSISTANCE.	APPROVALS FOR DES: <i>[Signature]</i> APP ENG: <i>[Signature]</i>	 www.analog.com Phone: (408)432-1900
	TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM U/MODULE REGULATOR	
	IC NO. LTM4681Y SKU NO. DC3082A-B SIZE: N/A DATE: Tuesday, May 18, 2021	



U4
LTM4681Y

CUSTOMER NOTICE		APPROVALS		
<small>ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER 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. WE WILL NOT BE HELD RESPONSIBLE FOR APPLICATIONS ENGINEERING ASSISTANCE.</small>		FOR DES. <i>BJ</i>	APP ENG. <i>BJ</i>	
<small>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PRODUCTS.</small>		TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM U/MODULE-REGULATOR		IC NO. LTM4681Y SKU NO. DC3082A-B SIZE: N/A DATE: Tuesday, May 18, 2021
				SCHEMATIC NO. AND REVISION: 710-DC3082A-B_REV01C SHEET 4 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 FOR DES: <i>ag</i> APP ENG: <i>bl</i>	 www.analog.com Phone: (408)432-1900
	TITLE: SCHEMATIC POLYPHASE SINGLE OUTPUT DC/DC PSM 18MODULE REGULATOR	
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PRODUCTS.	SIZE: N/A DATE: Tuesday, May 18, 2021	SHEET 5 OF 5