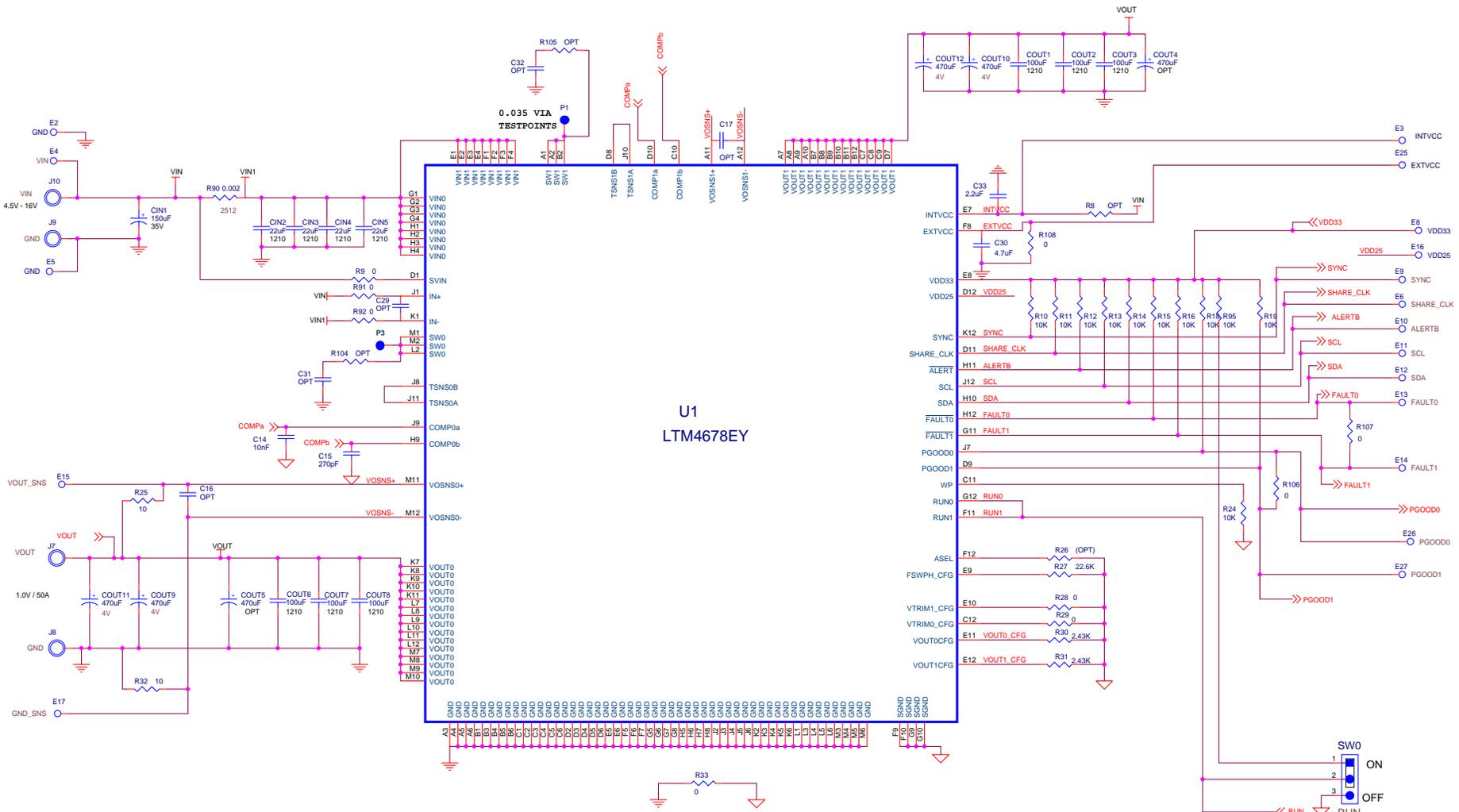


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	H Zhou	2-2018



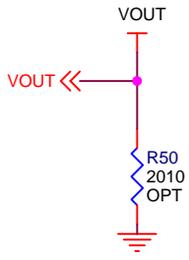
U1  
LTM4678EY

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

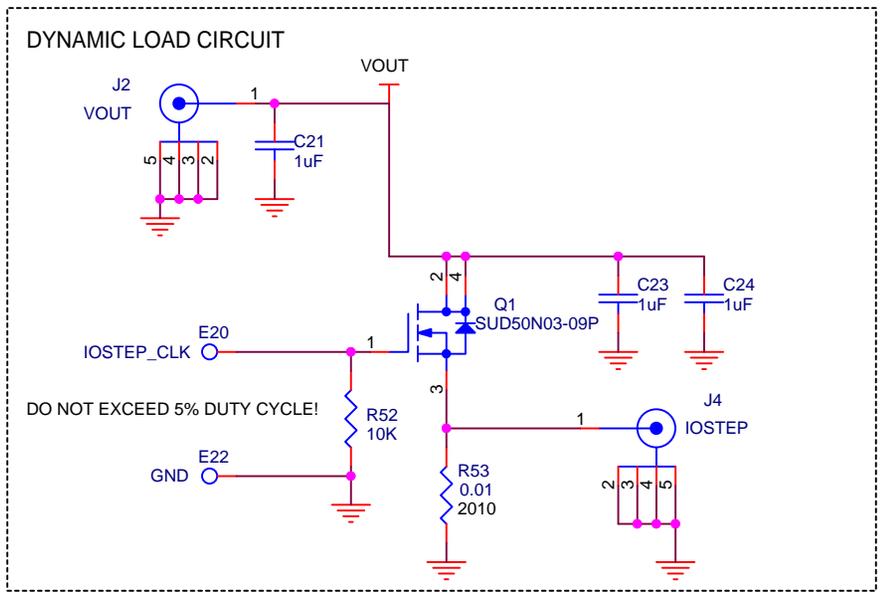
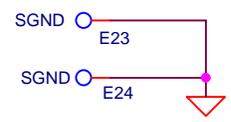
\*WHEN VIN < 5.75V, SHORT INTVCC to VIN WITH R8=0  
\*WHEN EXTVCC IS USED, R108=OPEN

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR	
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.		PCB DES.	HZ	www.analog.com		Phone: (408)432-1900	
		APP ENG.	Haihua Z.	TITLE: SCHEMATIC DUAL PHASE SINGLE OUTPUT STEP-DOWN uMODULE REGULATOR WITH DIGITAL POWER MANAGEMENT			
				IC NO. LTM4678EY		SCHEMATIC NO. AND REVISION: DC2570A_REV01	
				SKU NO. DC2570A			
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.				SIZE: N/A		DATE: Monday, April 09, 2018	
						SHEET 1 OF 3	

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

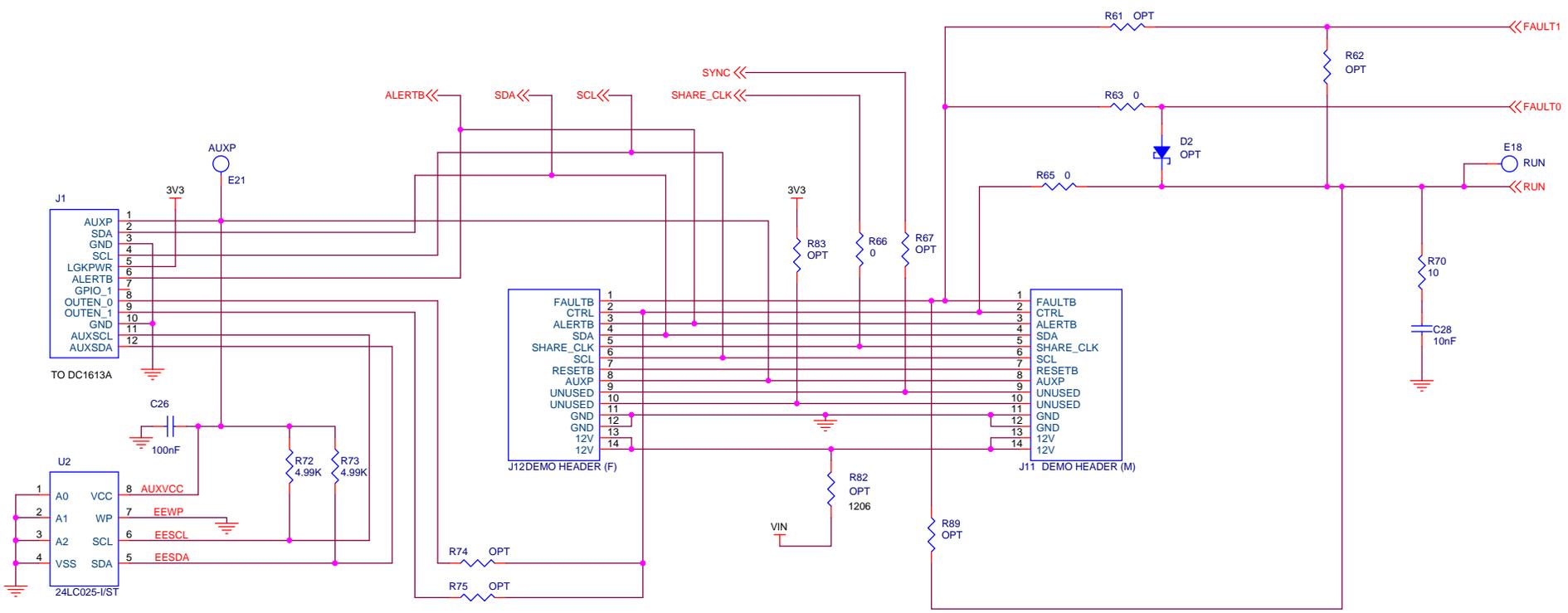


BLEEDER LOADS

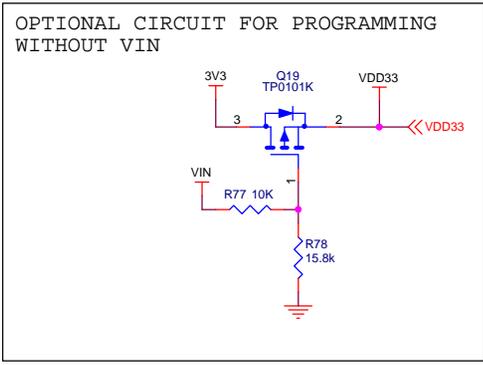


<p><b>CUSTOMER NOTICE</b></p> <p>ANALOG DEVICES HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT ANALOG DEVICES APPLICATIONS ENGINEERING FOR ASSISTANCE.</p> <p>THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.</p>	<p><b>APPROVALS</b></p>				<p>www.analog.com Phone: (408)432-1900</p>
	PCB DES.	HZ			
	APP ENG.	Haihua Z.	<p>TITLE: SCHEMATIC <b>DUAL PHASE SINGLE OUTPUT STEP-DOWN uMODULE REGULATOR WITH DIGITAL POWER MANAGEMENT</b></p>		
			IC NO. LTM4678EY	SCHEMATIC NO. AND REVISION:	
			SKU NO. DC2570A	<b>DC2570A_REV01</b>	
			SIZE: N/A	DATE:	SHEET 2 OF 3

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



PSM STACKING CONNECTORS:  
 J12, FEMALE, CONN RECEPT 2MM DUAL R/A 14POS, Sullins Conn. NPPN072FJFN-RC  
 J11, MALE, CONN HEADER 14POS 2MM R/A GOLD, Molex Connector Corp. 87760-1416



CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES	POWER BY LINEAR
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.		PCB DES.	HZ		
		APP ENG.	Haihua Z.	TITLE: SCHEMATIC DUAL PHASE SINGLE OUTPUT STEP-DOWN uMODULE REGULATOR WITH DIGITAL POWER MANAGEMENT	
				IC NO. LTM4678EY	SCHEMATIC NO. AND REVISION: DC2570A_REV01
THIS CIRCUIT IS PROPRIETARY TO ANALOG DEVICES AND SUPPLIED FOR USE WITH ANALOG DEVICES PARTS.		SIZE: N/A	DATE:	SHEET 3 OF 3	