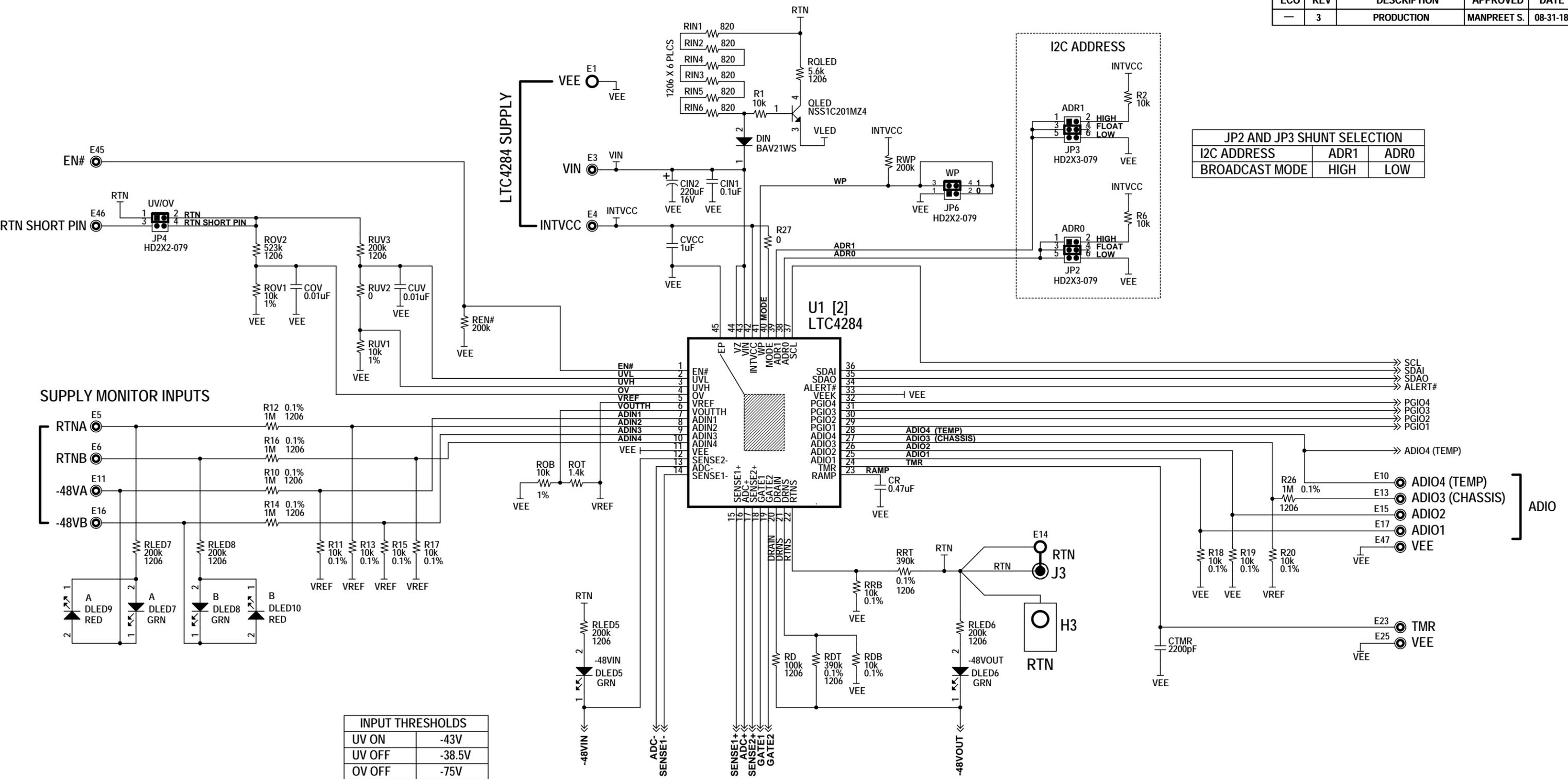


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION	MANPREET S.	08-31-18



JP2 AND JP3 SHUNT SELECTION		
I2C ADDRESS	ADR1	ADR0
BROADCAST MODE	HIGH	LOW

INPUT THRESHOLDS	
UV ON	-43V
UV OFF	-38.5V
OV OFF	-75V

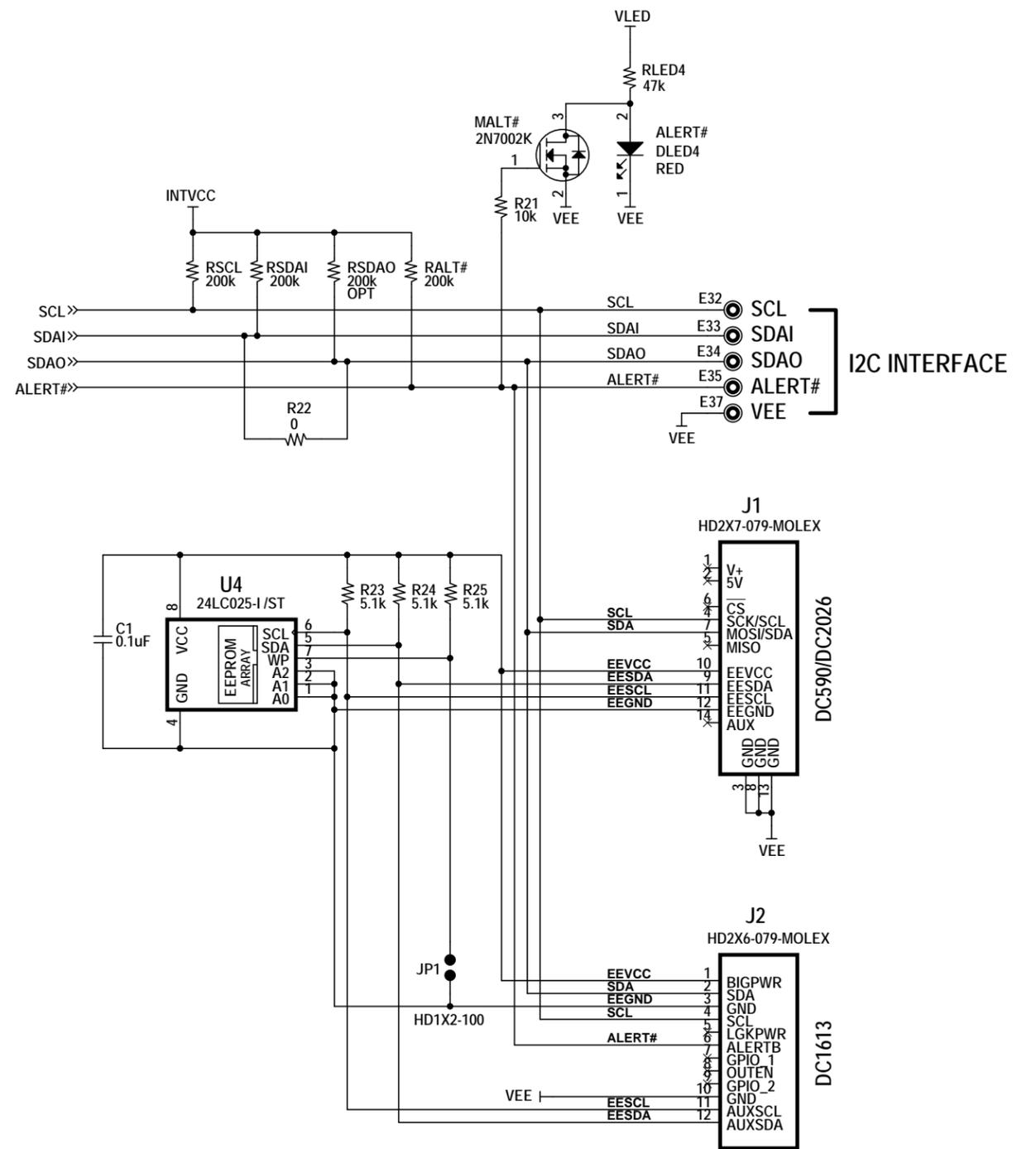
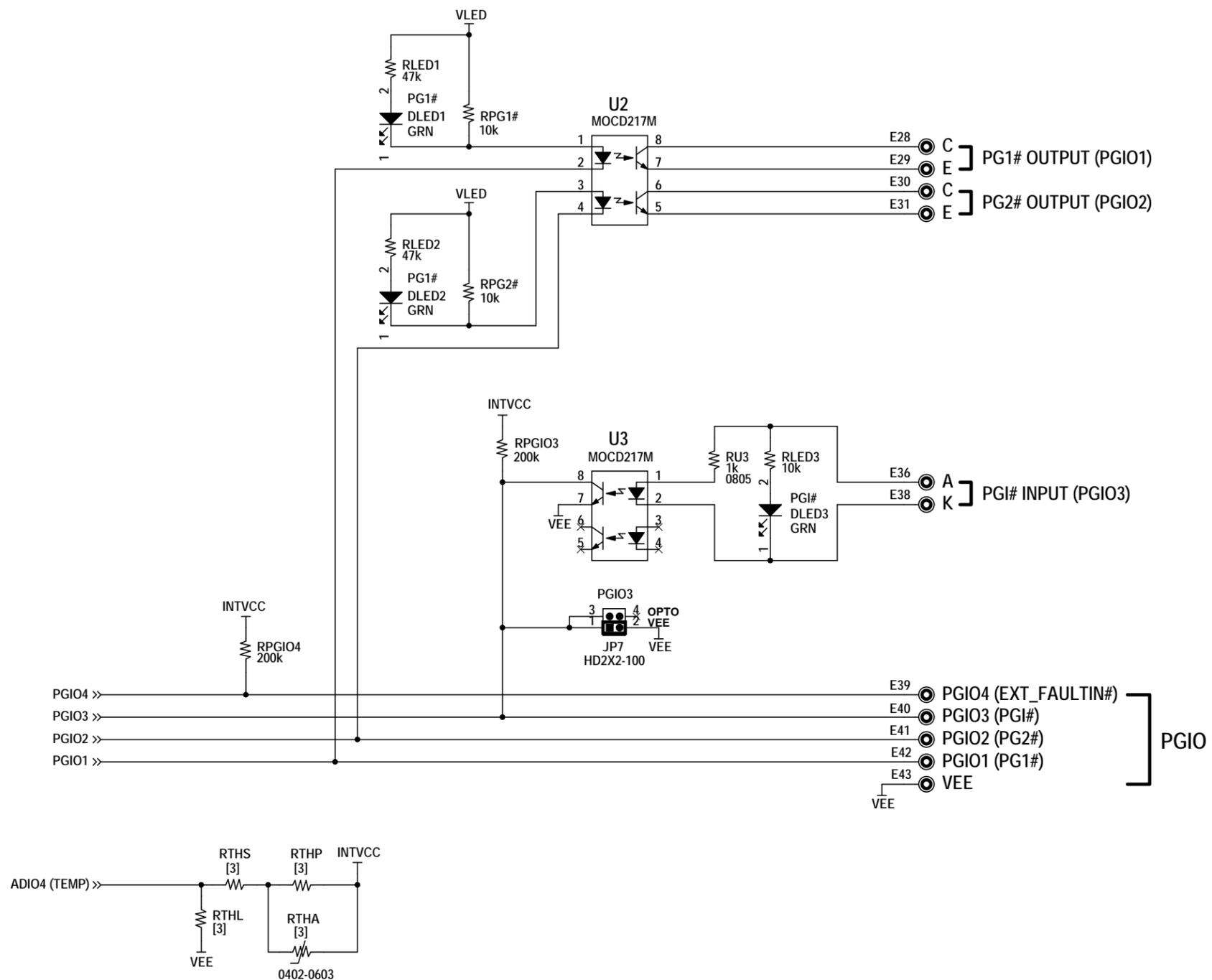
NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ARE 0603.

[2].	U1	
ILIM	0011	18mV
FB	01	50%
FTBD_DL	01	512ms

TO PAGE 3

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR		1630 MCCARTHY BLVD. MILPITAS, CA 95035 TEL: (408) 432-1900	
ADI 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 ADI APPLICATIONS ENGINEERING FOR ASSISTANCE.		PCB DES.	KIM T.	www.analog.com		www.linear.com		TITLE: SCHEMATIC HIGH POWER NEGATIVE VOLTAGE HOT SWAP CONTROLLER WITH I2C POWER MONITOR AND EEPROM	
THIS CIRCUIT IS PROPRIETARY TO ADI AND SUPPLIED FOR USE WITH ADI PARTS.		APP ENG.	SALA.	SCALE = NONE	DATE:	Friday, August 31, 2018	IC NO.	LTC4284IUHG DEMO CIRCUIT 2470A	REV. 3
								SHEET 1 OF 3	

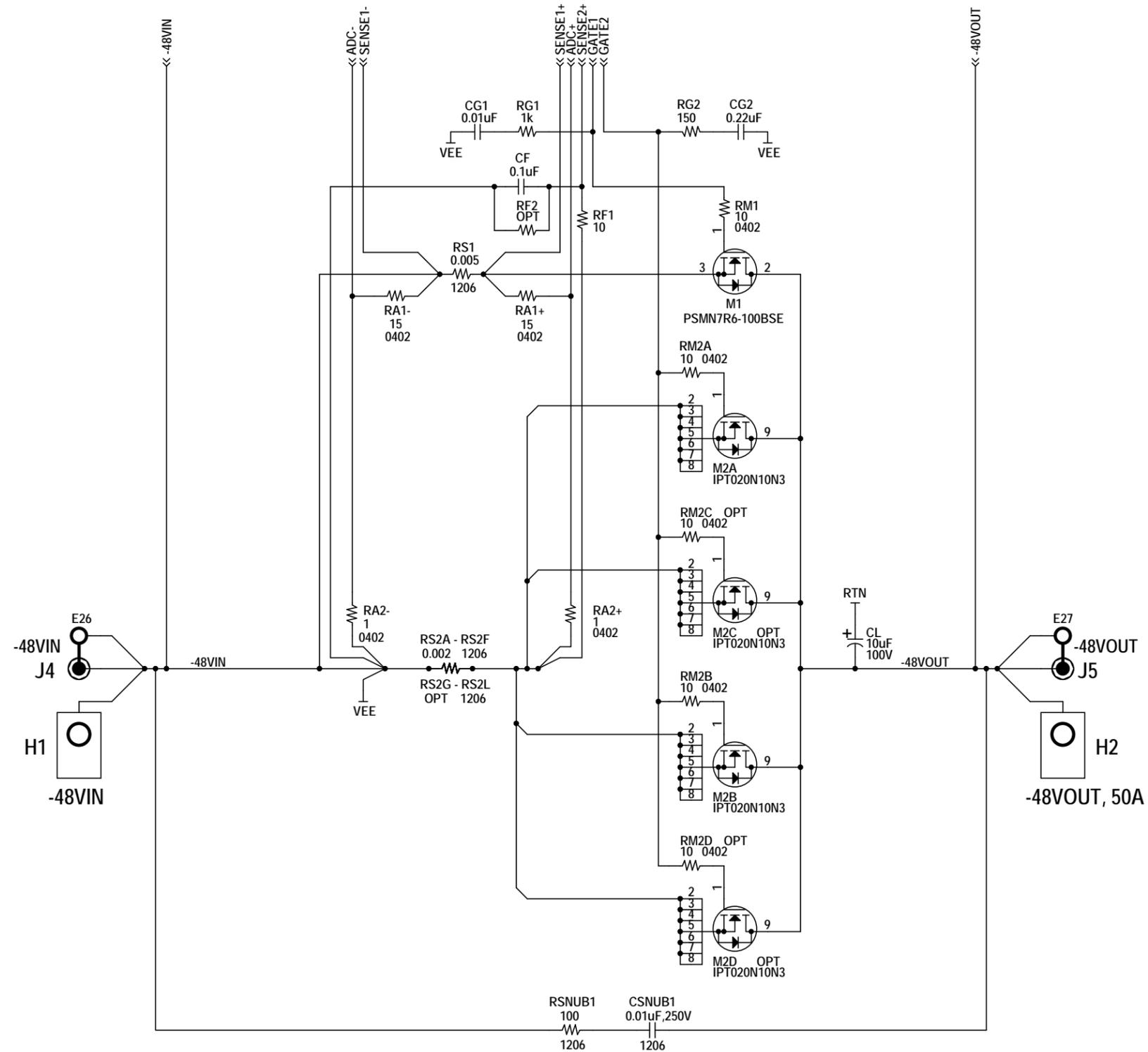


[3]

ASSEMBLY	NUMERICAL TEMPERATURE (CELCIUS)	RANGE, ERROR (CELCIUS)	RTHL 0603	RTHS 0603	RTHP 0603	RTHA R@25 °C
DEFAULT	(115 X ADC READING X 31.25E-06) - 1.3	20-85, < 2	4.99k	20k	499k	100k, 0402
ALTERNATE	(55 X ADC READING X 31.25E-06) - 28	10-85, < 2	2k	2k	20k	10k, 0603

<b>CUSTOMER NOTICE</b> ADI 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 ADI APPLICATIONS ENGINEERING FOR ASSISTANCE.	<b>APPROVALS</b> PCB DES. KIM T. APP ENG. SAL A.		 <a href="http://www.analog.com">www.analog.com</a>	 <a href="http://www.linear.com">www.linear.com</a>	1630 MCCARTHY BLVD. MILPITAS, CA 95035 TEL: (408) 432-1900
	TITLE: SCHEMATIC <b>HIGH POWER NEGATIVE VOLTAGE HOT SWAP CONTROLLER WITH I2C POWER MONITOR AND EEPROM</b>				
THIS CIRCUIT IS PROPRIETARY TO ADI AND SUPPLIED FOR USE WITH ADI PARTS.	SCALE = NONE	SIZE N/A	IC NO. <b>LTC4284IUHG</b>	REV. <b>3</b>	DATE: Friday, August 31, 2018
			<b>DEMO CIRCUIT 2470A</b>	SHEET 2 OF 3	

FROM PAGE 1



**CUSTOMER NOTICE**

ADI 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 ADI APPLICATIONS ENGINEERING FOR ASSISTANCE.

THIS CIRCUIT IS PROPRIETARY TO ADI AND SUPPLIED FOR USE WITH ADI PARTS.

**APPROVALS**

PCB DES. KIM T.  
APP ENG. SAL A.

SCALE = NONE



1630 McCARTHY BLVD.  
MILPITAS, CA 95035  
TEL: (408) 432-1900

TITLE: SCHEMATIC  
**HIGH POWER NEGATIVE VOLTAGE HOT SWAP CONTROLLER WITH I2C POWER MONITOR AND EEPROM**

SIZE N/A IC NO. **LTC4284IUHG** REV. **3**  
**DEMO CIRCUIT 2470A**

DATE: Friday, August 31, 2018 SHEET 3 OF 3