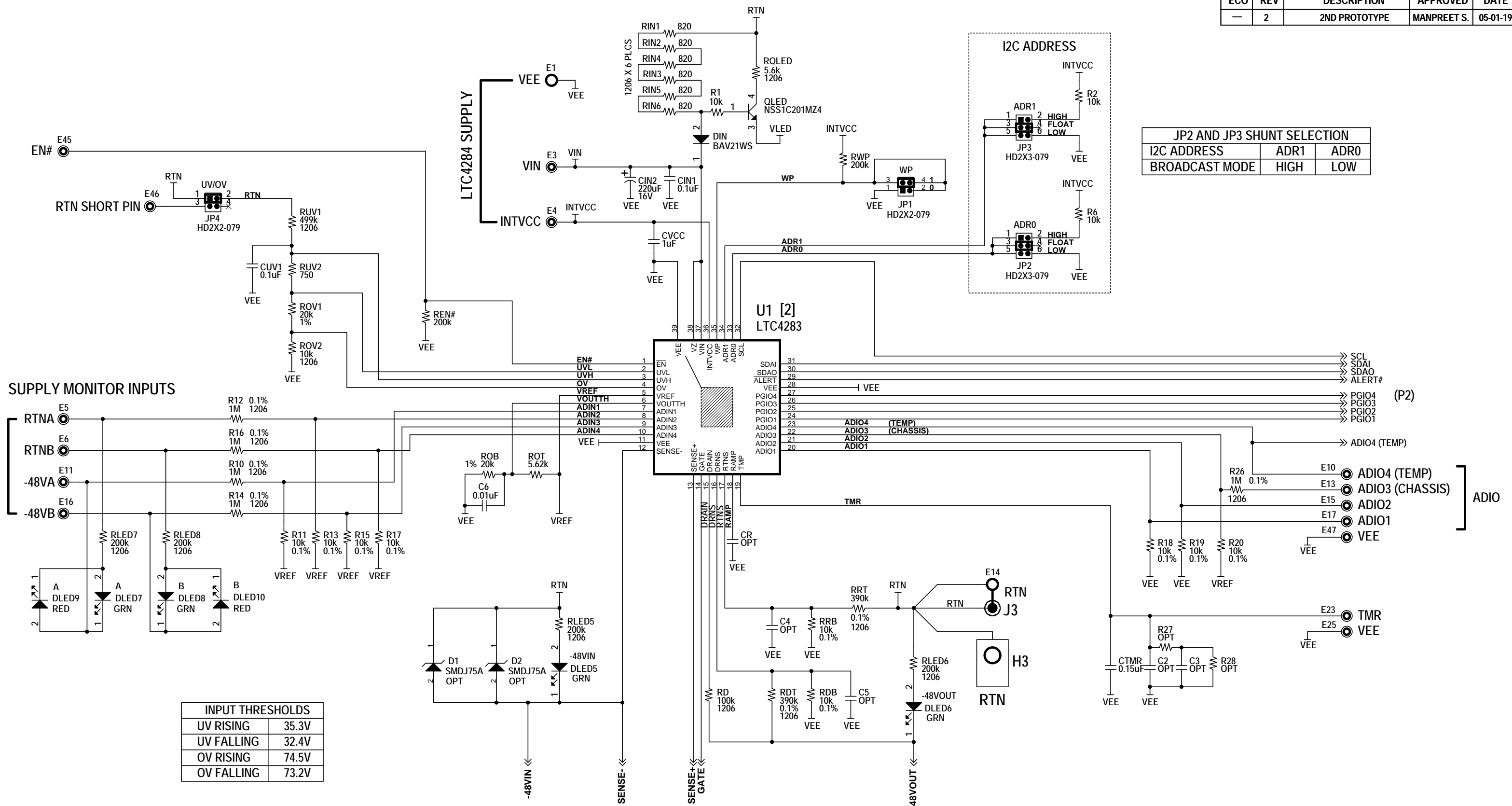


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	2ND PROTOTYPE	MANPREET S.	05-01-19

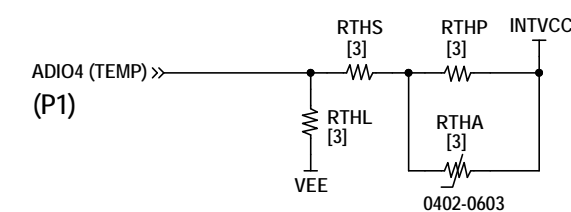
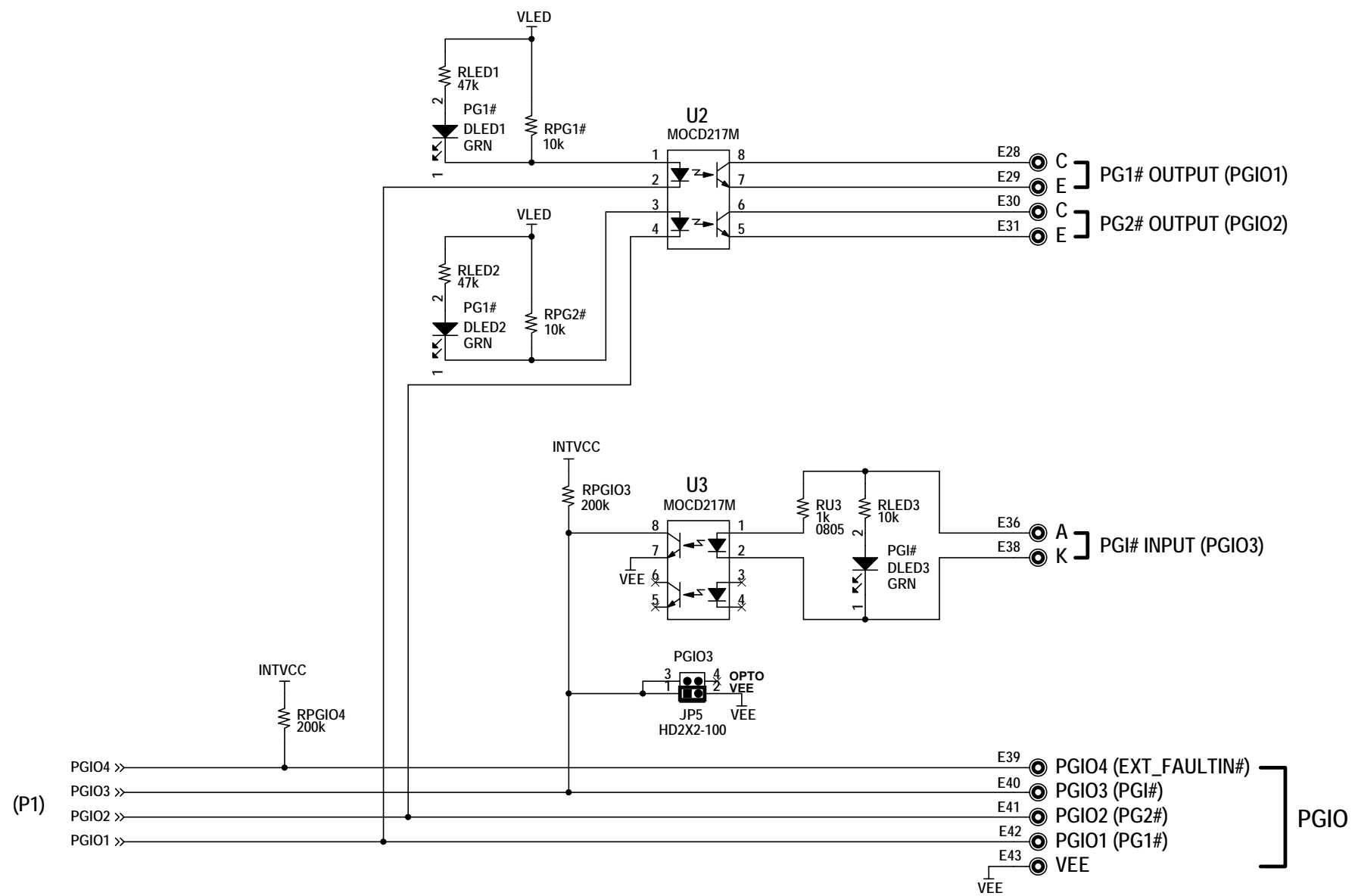


INPUT THRESHOLDS	
UV RISING	35.3V
UV FALLING	32.4V
OV RISING	74.5V
OV FALLING	73.2V

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

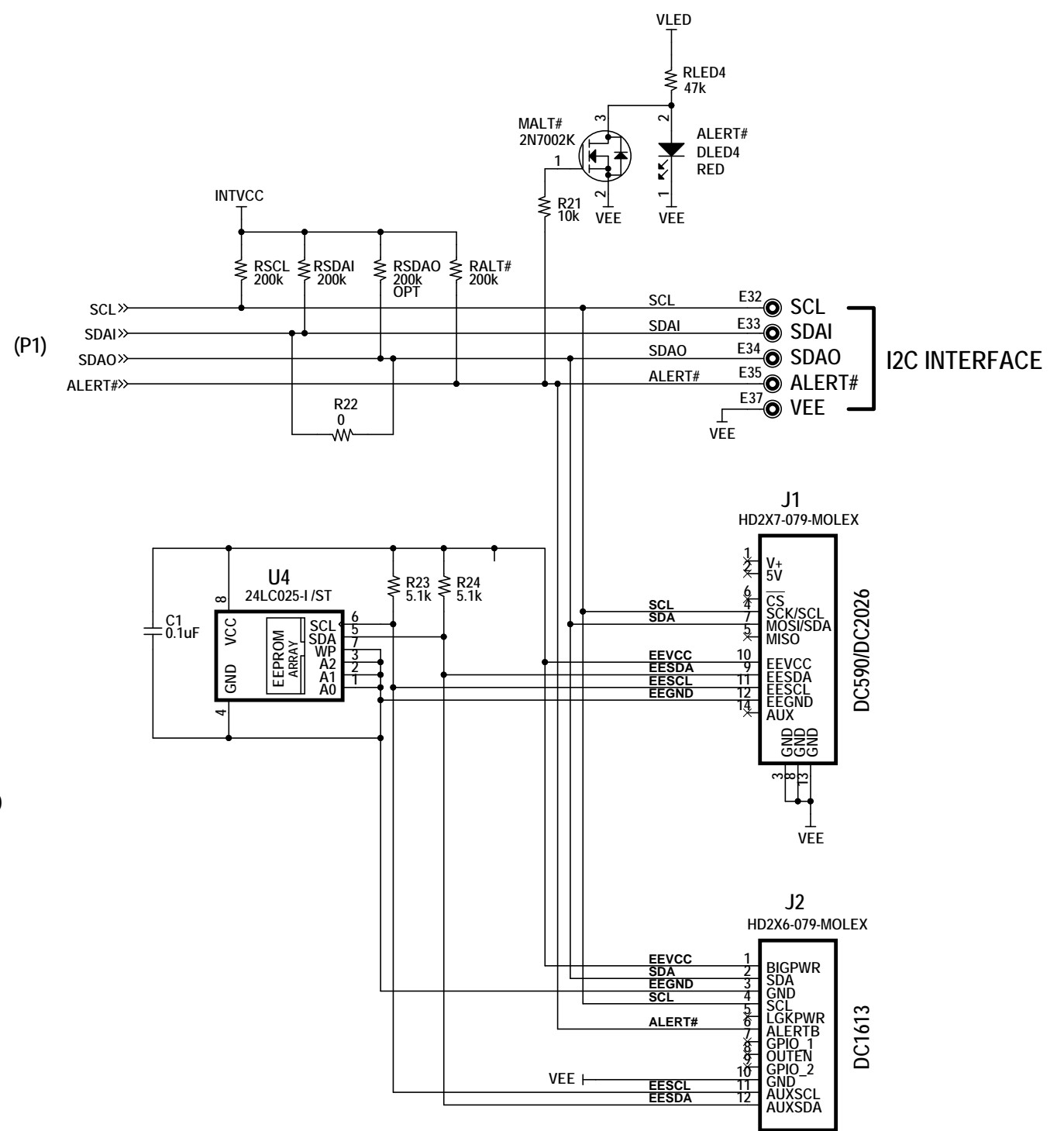
[2].	U1	
ILIM	1010	25mV
FB	11	10%
FTBD_DL	01	512ms

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR	
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	
THIS CIRCUIT IS PROPRIETARY TO ADI AND SUPPLIED FOR USE WITH ADI PARTS.		APP ENG.	MANPREET S.	TITLE: SCHEMATIC			
				400W NEGATIVE VOLTAGE HOT SWAP CONTROLLER WITH I2C POWER MONITOR AND EEPROM			
		SIZE	N/A	IC NO.	LTC4283IUHF		REV. 1
		SCALE = NONE		DATE: Wednesday, May 01, 2019		SHEET 1 OF 3	

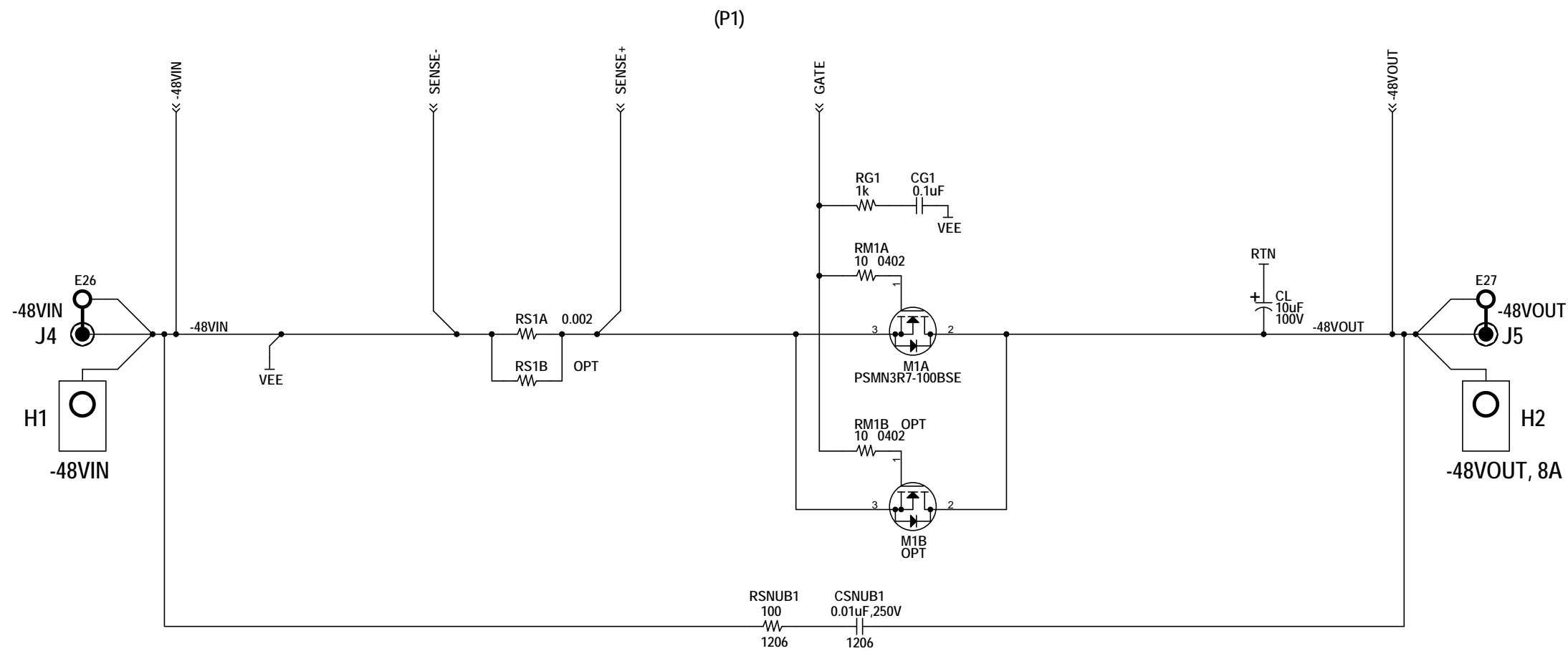


[3]

ASSEMBLY	NUMERICAL TEMPERATURE (CELCIUS)	RANGE, ERROR (CELCIUS)	RTHL	RTHS	RTHP	RTHA
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. MANPREET S.		<b>ANALOG DEVICES</b> www.analog.com		<b>POWER BY LINEAR</b> www.linear.com 2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054	
	TITLE: SCHEMATIC 400W NEGATIVE VOLTAGE HOT SWAP CONTROLLER WITH I2C POWER MONITOR AND EEPROM			SIZE N/A	IC NO. LTC4283IUHF	REV. 1
THIS CIRCUIT IS PROPRIETARY TO ADI AND SUPPLIED FOR USE WITH ADI PARTS.			SCALE = NONE		DATE: Wednesday, May 01, 2019	SHEET 2 OF 3



**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.	MANPREET S.

SCALE = NONE



2555 AUGUSTINE DRIVE  
SANTA CLARA, CA 95054

www.analog.com

www.linear.com

TITLE: SCHEMATIC  
400W NEGATIVE VOLTAGE HOT SWAP CONTROLLER  
WITH I2C POWER MONITOR AND EEPROM

SIZE N/A	IC NO. LTC4283IUHF	REV. 1
-------------	-----------------------	-----------

DATE: Wednesday, May 01, 2019 SHEET 3 OF 3