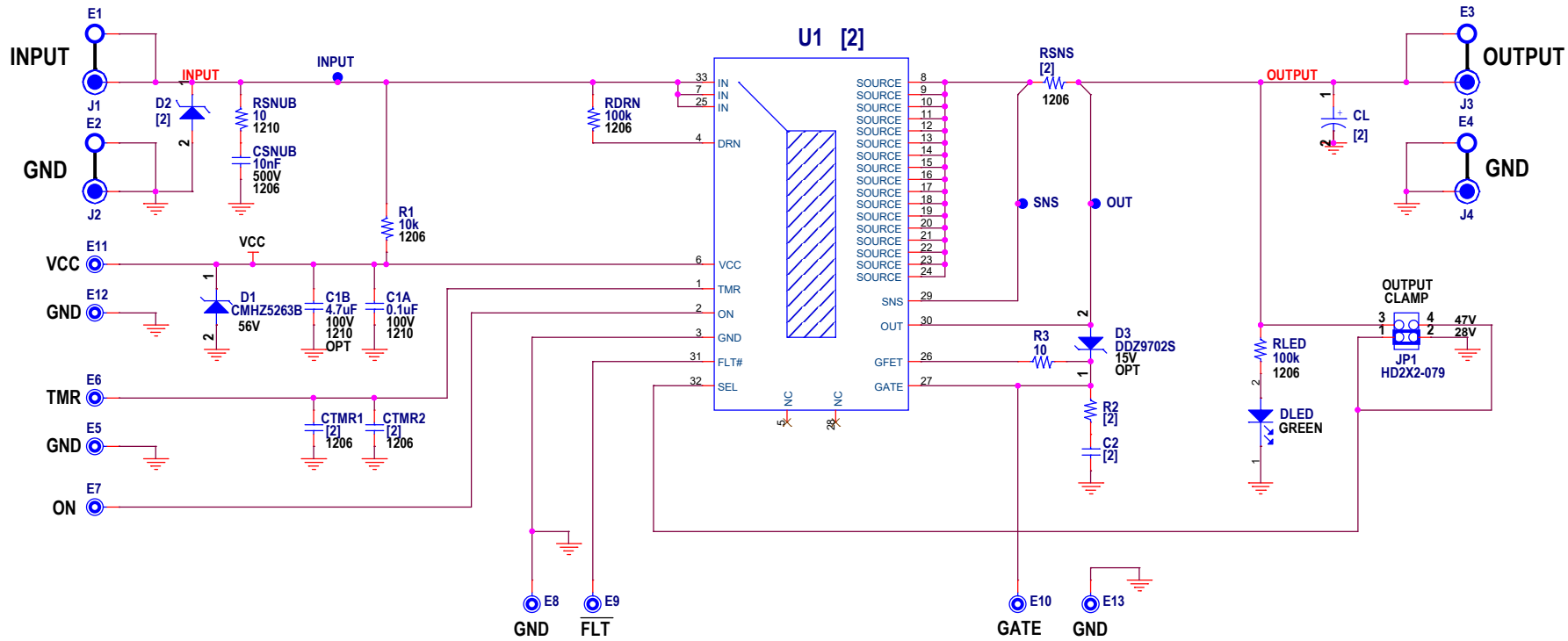


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	1	1ST PROTOTYPE	PINKESH S.	10-26-20
	2	2 ND PROTOTYPE	PINKESH S.	12-03-20



NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ARE 0805.

[2]. ASSEMBLY TABLE:

ASSY	U1	SUFFIX	D2	CTMR1	CTMR2	C2	R2	CL	RSNS	OUTPUT CLAMP	BEHAVIOR
A	LTC4381-1	1	OPT	10uF	6.8uF	0.047uF	33	22uF 63V	0.08	28V AND 47V	LATCH OFF
B	LTC4381-2	2	OPT	10uF	6.8uF	0.047uF	33	22uF 63V	0.08		AUTO RETRY
C	LTC4381-3	3	SMAJ60A	0.022uF	OPT	OPT	OPT	10uF 100V	0.004	67V	LATCH OFF
D	LTC4381-4	4	SMAJ60A	0.022uF	OPT	OPT	OPT	10uF 100V	0.004		AUTO RETRY

MFG

CUSTOMER NOTICE

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.

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

APPROVALS

PCB DES.	KEN. M
APP ENG.	PINKESH.S.



ANALOG DEVICES

AHEAD OF WHAT'S POSSIBLE™

2555 AUGUSTINE DRIVE
SANTA CLARA, CA 95054
www.analog.com

TITLE: SCHEMATIC

6uA Iq SURGE STOPPER WITH 9mOhm MOSFET

IC NO. LTC4381HDKE-1/2/3/4
SKU NO. DC2713A

SCHEMATIC NO. AND REVISION:
710-DC2713A_REV02

SIZE: N/A

DATE: Monday, March 22, 2021

SHEET 1 OF 2

PCA ADDITIONAL PARTS

MP1	STANDOFF,NYLON,SNAP-ON,0.50"
MP2	STANDOFF,NYLON,SNAP-ON,0.50"
MP3	STANDOFF,NYLON,SNAP-ON,0.50"
MP4	STANDOFF,NYLON,SNAP-ON,0.50"
LB1	BOARD S/N LABEL 895-0154
PCB1	PCB,DC2713A REV02 MAO BANG

MFG

<div><div>CUSTOMER NOTICE</div><div>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.</div></div>	APPROVALS		<div><div><div><div></div></div><div>ANALOG DEVICES</div><div>AHEAD OF WHAT'S POSSIBLE™</div></div><div>2555 AUGUSTINE DRIVE SANTA CLARA, CA 95054 www.analog.com</div></div>
	PCB DES.	KEN. M	
	APP ENG.	PINKESH.S.	
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	IC NO.	LTC4381HDKE-1/2/3/4	
	SKU NO.	DC2713A	
	SIZE:	N/A	
		DATE:	Monday, March 22, 2021
		SHEET	2 OF 2