



**INDICATES HEAVY CURRENT**

### ASSEMBLY TABLE

ASS'Y VARIANT	U1,U2	VOLTAGE	CURRENT
-A	LTC4450	18V	12A
-B	LTC4451	40V	7A

### 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.	M.H.
APP ENG.	M.SINGH



www.analog.com

TITLE: SCHEMATIC

LOW QUIESCENT CURRENT IDEAL DIODE WITH SHUTDOWN MODE

IC NO. LTC4450/LTC4451

SKU NO. DC3001A

SCHEMATIC NO. AND REVISION:

710-DC3001A\_REV01

SIZE: N/A

DATE: 10/31/2019

SHEET 1 OF 1

**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	LABEL SPEC, DEMO BOARD SERIAL NUMBER
PCB1	PCB, DC3001A REV01
STNCL1	TOOL, STENCIL, 700-DC3001A REV01

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SHEET 2 OF 2