

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**CB TEST CERTIFICATE**

Product

Component IC Current Limiter

Name and address of the applicant

TEXAS INSTRUMENTS INCORPORATED
12500 TI BLVD DALLAS, TX 75243
UNITED STATES

Name and address of the manufacturer

TEXAS INSTRUMENTS INCORPORATED
12500 TI BLVD DALLAS, TX 75243
UNITED STATES

Name and address of the factory

TEXAS INSTRUMENTS DE MEXICO S DE R L DE C V
JESUS RIVERA FRANCO # 507
CD INDUSTRIAL AGUASCALIENTES, AGS 20290
MEXICO*Note: When more than one factory, please report on page 2*☒ [Additional Information on page 2-3](#)

Ratings and principal characteristics

SN1806002, SN1507044, and TPS25810 may be followed by additional suffixes.

Input Voltage:

IN1: 4.5 - 6.5 Vdc

IN2: 4.5 - 6.5 Vdc

☒ [Additional Information on page 3](#)

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

SN1507044, SN1806002, TPS25810

☒ [Additional Information on page 3](#)

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.

☒ [Additional Information on page 3](#)

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

E169910-A6008-CB-1 issued on 2021-07-22

This CB Test Certificate is issued by the National Certification Body



- ☒ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☐ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-07-22

Original Issue Date: 2019-08-07

Signature:

Jolanta M. Wroblewska

Factories:

TEXAS INSTRUMENTS SEMICONDUCTOR MANUFACTURING (CHENGDU) CO., LTD.
NO. 8-8 & NO.8-10, KEXIN RD
WEST ZONE OF CHENGDU
HI-TECH INDUSTRIAL DEVELOPMENT ZONE CHENGDU, SICHUAN, 611731
CHINA

TEXAS INSTRUMENTS TAIWAN LTD
142 HSIN NAN RD, SEC 1
CHUNG HO TAIPEI HSIEN 235
TAIWAN

ASE ASSEMBLY & TEST (SHANGHAI) LTD
#669 GUOSHOUJING RD
ZHANGJIANG HI-TECH PARK
PUDONG NEW AREA SHANGHAI 201203
CHINA

UTAC THAI LTD
WELGROW INDUSTRIAL ESTATE, 73 MOO5
BANGNA-TRAD (KM 38) RD
A BANGPAKONG, T BANGSAMAK CHACHOENGSAO 24180
THAILAND

TONGFU MICROELECTRONICS CO LTD
NO 288 CHONGCHUAN RD
CHONGCHUAN DEVELOPMENT ZONE NANTONG, JIANGSU, 226006
CHINA

TEXAS INSTRUMENTS MALAYSIA SDN BHD
1 LORONG ENGGANG 33
AMPANG/ULU KLANG KUALA LUMPUR 54200
MALAYSIA

HANA MICROELECTRONICS CO LTD (JIA XING)
18 HANA RD
XINCHENG INDUSTRIAL PARK
XIUZHOU DISTRICT JIAXING, ZHEJIANG, 314000
CHINA

TI (PHILIPPINES) INC
CLARK TI SPECIAL ECONOMIC ZONE
CLARK FREEPORT ZONE ANGELES, PAMPANGA,
PHILIPPINES

Additional information (if necessary)

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☐ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Ref. Certif. No.

US-34159-M1-UL

Factories:

HANA SEMICONDUCTOR (AYUTTHAYA) CO LTD
HI-TECH IND ESTATE AUTH OF THAILAND
100 MOO1, T BAAN-LEN, A BANG PA-IN
KM 59 ASIA RD AYUTTHAYA 13160
THAILAND

CARSEM SEMICONDUCTOR(SUZHOU) CO LTD
NO 88 WEST SHEN HU ROAD IN DISTRICT 2
SUZHOU INDUSTRIAL PARK JIANGSU 215021
CHINA

Additional Model(s):

Series: SN1507044, SN1806002, TPS25810, May be followed by additional suffixes.

Additional suffixes after the model number designate the type of integrated circuit package, integrated circuit lead types or other features that are considered not to affect functionality of the device.

Device will be marked 25810 representing Models SN1507044, SN1806002, and TPS25810.

Additional Ratings:

Output Continuous Rating:

OUT: 1.5 - 3.0 A

CC1: 250 mA

CC2: 250 mA

Output Current Limit:

OUT: 1.82 - 3.64 A

CC1: 410 mA

CC2: 410 mA

Ambient:

-40 to 125°C

Additionally evaluated to:

EN 62368-1:2014/A11:2017, EN 62368-1:2014

National differences specified in the CB Test Report.

Summary of Modifications:

Addition of Model SN1806002;

Corrected manufacturer's address;

Corrected Test Item Particulars Manufacturer's specified maximum operating ambient to 125°C;

Updated factory.

Additional information (if necessary)



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