



Ref. Certif. No.

**US-34988-UL**

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

Note: When more than one factory, please report on page 2

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

Additional Information on page 2

Ratings and principal characteristics

See Pages 2 and 3

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TPS2041x, TPS2051x, TPS2061x, TPS2065x, TPS2065x-2,  
See Page 2

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

Additionally evaluated to EN 62368-1:2014 / A11:2017;  
National Differences specified in the CB Test Report.

Additional Information on page 2

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-A6014-CB-1 issued on 2019-12-17

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](http://www.ul.com/ncbnames)

Date: 2019-12-17

Signature:

Jolanta M. Wroblewska



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**Model Details:**

TPS2041x, TPS2051x, TPS2061x, TPS2065x, TPS2065x-2, TPS2068x, TPS2069x, TPS2069x-2, TPS2000x, and TPS2001x. Where 'x' is C or D. May be followed by other characters that do not impact the safety feature of the device. TPD3S014 and TPD3S044. May be followed by other characters that do not impact the safety feature of the device.

**Factories:**

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

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

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

TEXAS INSTRUMENTS DE MEXICO S DE R L DE C V  
JESUS RIVERA FRANCO # 507  
CD INDUSTRIAL  
20290 AGUASCALIENTES  
AGS MEXICO

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

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

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

**Ratings:**

(Optional)

**Input Voltage:**

4.5 to 5.5 Vdc

**Output Continuous Rating:**

TPS2041x - 0.5A  
TPS2051x - 0.5A  
TPS2061x - 1.0A  
TPS2065x - 1.0A  
TPS2065x-2 - 1.0A

**Additional information (if necessary)**



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Ratings (continued):

Output Continuous Rating (continued):

- TPS2068x - 1.5A
- TPS2069x - 1.5A
- TPS2069x-2 - 1.5A
- TPS2000x - 2.0A
- TPS2001x - 2.0A
- TPD3S014 - 0.5A
- TPD3S044 - 1.5A

Output Current Limit:

- TPS2041x - 1.05A
- TPS2051x - 1.05A
- TPS2061x - 1.9A
- TPS2065x - 1.9A
- TPS2065x-2 - 1.96A
- TPS2068x - 2.7A
- TPS2069x - 2.7A
- TPS2069x-2 - 2.86A
- TPS2000x - 3.6A
- TPS2001x - 3.6A
- TPD3S014 - 1.05A
- TPD3S044 - 2.7A

Maximum Operational Temperature:  
85°C

**Additional information (if necessary)**



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