



Ref. Certif. No.

**US-35118-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*

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

Additional Information on page 2

Ratings and principal characteristics

See Page 3

Trademark / Brand (if any)



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

Model / Type Ref.

TPS255x, where x is 6 or 7, may be followed by Q, followed by DRB, may be followed by R or T, may be followed by Q1, may be followed by additional characters that do not impact the safety features of the device.

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-A6017-CB-1 issued on 2020-01-10

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pflugsten 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: 2020-01-10

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-35118-UL**

**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  
CHACHOENSAO 24180 THAILAND

NANTONG FUJITSU 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  
54200 KUALA LUMPUR 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

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

**Additional information (if necessary)**



- 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: 2020-01-10

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-35118-UL**

Ratings:  
 Input Voltage:  
 2.5 to 6.5 Vdc  
 Output Continuous Rating:  
 4.2A  
 Output Current Limit:  
 5.0A  
 Maximum Operational Ambient:  
 85°C

**Additional information (if necessary)**



- 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: 2020-01-10

Signature:

Jolanta M. Wroblewska

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (<https://www.ti.com/legal/termsofsale.html>) or other applicable terms available either on [ti.com](https://www.ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2021, Texas Instruments Incorporated