



Ref. Certif. No.

US-36986-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 USA

Name and address of the manufacturer

TEXAS INSTRUMENTS INCORPORATED
12500 TI BLVD
DALLAS TX 75243 USA

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

(Optional)
Input Voltage: 2.7 to 5.5 Vdc
See Page 2

Trademark / Brand (if any)



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

Model / Type Ref.

TPS2041, TPS2042, TPS2043, TPS2044, TPS2045, TPS2046,
TPS2047, TPS2051, TPS2052, TPS2053, TPS2054, TPS2055,
TPS2056, TPS2057, TPS2058,
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-A6024-CB-1 issued on 2020-11-09

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: 2020-11-09

Signature:

Jolanta M. Wroblewska



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Model Details:

TPS2041, TPS2042, TPS2043, TPS2044, TPS2045, TPS2046, TPS2047, TPS2051, TPS2052, TPS2053, TPS2054, TPS2055, TPS2056, TPS2057, TPS2058,

May be followed by suffix "A" or "B". 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 the functionality of the device.

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

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 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
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Ratings:

Output Continuous Rating:

TPS2041, TPS2042, TPS2043, TPS2044, TPS2051, TPS2052, TPS2053, TPS2053, TPS2054, TPS2041A, TPS2042A, TPS2043A, TPS2044A, TPS2051A, TPS2052A, TPS2053A, TPS2054A, TPS2041B, TPS2042B, TPS2043B, TPS2044B, TPS2051B, TPS2052B, TPS2053B, TPS2054B:

0.5A

TPS2045, TPS2046, TPS2047, TPS2055, TPS2056, TPS2057, TPS2058A, TPS2045A, TPS2046A, TPS2047A, TPS2048A, TPS2055A, TPS2056A, TPS2057A, TPS2045B, TPS2046B, TPS2047B, TPS2055B:

0.25A

Output Current Limit:

TPS2045, TPS2046, TPS2047, TPS2055, TPS2056, TPS2057:

0.525A

TPS2045A, TPS2046A, TPS2047A, TPS2048A, TPS2055A, TPS2056A, TPS2057A, TPS2058A, TPS2045B, TPS2046B, TPS2047B, TPS2055B:

0.7A

TPS2041, TPS2042, TPS2043, TPS2044, TPS2051, TPS2052, TPS2053, TPS2054:

1.1A

TPS2041A, TPS2042A, TPS2043A, TPS2044A, TPS2051A, TPS2052A, TPS2053A, TPS2054A, TPS2041B, TPS2042B, TPS2043B, TPS2044B, TPS2051B, TPS2052B, TPS2053B, TPS2054B:

1.3A

Maximum Operational Temperature:

25°C

Additional information (if necessary)



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Signature:

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