

IEC

IECEE



TM

Ref. Certif. No.

US-2565-MET

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

CB TEST CERTIFICATE

Product

Component IC Current Limited

Name and address of the applicant

TEXAS INSTRUMENTS INCORPORATED  
12500 TI BLVD DALLAS TX 75243  
United States of America

Name and address of the manufacturer

TEXAS INSTRUMENTS INCORPORATED  
12500 TI BLVD DALLAS TX 75243  
United States of America

Name and address of the factory

SUZHOU ASEAN SEMICONDUCTOR CO. LTD  
188 SU HONG XI ROAD, SIP SUZHOU, JIANGSU 215000  
China

*Note: When more than one factory, please report on page 4*

☒ Additional information on page 4

This CB Test Certificate is issued by the National Certification Body

Eurofins Electrical and Electronic Testing NA, Inc.  
914 W Patapsco Avenue  
Baltimore, , MD 21230  
United States of America



E&E

Date: 2024-01-09

Signature: Kenneth Kamer

*Kenneth Kamer*

## Ratings and principal characteristics

SN1701012, SN1702027, SN1702030, SN1702033, SN1702036, SN1708021, SN1710007, SN1711019, SN1802028, SN1805041, SN1805042, SN1805043, SN1805050, SN1806026, SN1809013, SN1809014, SN1809016, SN1809017, SN1809018, SN1809019, SN1809020, SN1809021, SN1809022, SN1809024, SN1809025, SN1809027, SN1809028, SN2002012, and TPS65988:

## Input Voltage:

1. PPHV1: 4.5 to 22 Vdc, 1 to 4 A
2. PPHV2: 4.5 to 22 Vdc, 1 to 4 A
3. PPCABLE1: 2.95 to 5.5 Vdc, 0.6 A
4. PPCABLE2: 2.95 to 5.5 Vdc, 0.6 A
5. VIN\_3V3: 3.3 Vdc

## Output Continuous Rating:

1. VBUS1: 4.5 to 22 Vdc, 1 to 4 A with PPHV1 input
2. VBUS2: 4.5 to 22 Vdc, 1 to 4 A with PPHV2 input
3. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.6 A with PPCABLE1 input
4. C2CC1/C2CC2: 2.95 to 5.5 Vdc, 0.6 A with PPCABLE2 input

## Output Current Limit:

1. VBUS1: 4.5 to 22 Vdc, 1.39 to 4.91 A with PPHV1 input
2. VBUS2: 4.5 to 22 Vdc, 1.39 to 4.91 A with PPHV2 input
3. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.9 A with PPCABLE1 input
4. C2CC1/C2CC2: 2.95 to 5.5 Vdc, 0.9 A with PPCABLE2 input

Operating Ambient: -40°C to 75°C

SN1701013, SN1702026, SN1702029, SN1702032, SN1702035, SN1708022, SN1710008, and TPS65987D:

## Input Voltage:

1. PPHV1: 4.5 to 22 Vdc, 1 to 4 A
2. PPHV2: 4.5 to 22 Vdc, 1 to 4 A
3. PPCABLE1: 2.95 to 5.5 Vdc, 0.6 A
4. VIN\_3V3: 3.3 Vdc

## Output Continuous Rating:

1. VBUS1: 4.5 to 22 Vdc, 1 to 4 A with PPHV1 input
2. VBUS2: 4.5 to 22 Vdc, 1 to 4 A with PPHV2 input
3. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.6 A with PPCABLE1 input

## Output Current Limit:

1. VBUS1: 4.5 to 22 Vdc, 1.39 to 4.91 A with PPHV1 input
2. VBUS2: 4.5 to 22 Vdc, 1.39 to 4.91 A with PPHV2 input
3. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.9 A with PPCABLE1 input

Operating Ambient: -40°C to 75°C

## SN1708023:

## Input Voltage:

1. PPHV1: 4.5 to 22 Vdc, 1 to 4 A
2. PPCABLE1: 2.95 to 5.5 Vdc, 0.6 A
3. VIN\_3V3: 3.3 Vdc

## Output Continuous Rating:

1. VBUS1: 4.5 to 22 Vdc, 1 to 4 A with PPHV1 input
2. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.6 A with PPCABLE1 input

## Output Current Limit:

1. VBUS1: 4.5 to 22 Vdc, 1.39 to 4.91 A with PPHV1 input
2. C1CC1/C1CC2: 2.95 to 5.5 Vdc, 0.9 A with PPCABLE1 input

Operating Ambient: -40°C to 75°C

Trademark / Brand (if any)



TEXAS INSTRUMENTS

Customer's Testing Facility (CTF) Stage used

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US-2565-MET

Model / Type Ref.

SN1701012, SN1701013, SN1702026, SN1702027, SN1702029, SN1702030, SN1702032, SN1702033, SN1702035, SN1702036, SN1708021, SN1708022, SN1708023, SN1710007, SN1710008, SN1711019, SN1802028, SN1805041, SN1805042, SN1805043, SN1805050, SN1806026, SN1809013, SN1809014, SN1809016, SN1809017, SN1809018, SN1809019, SN1809020, SN1809021, SN1809022, SN1809024, SN1809025, SN1809027, SN1809028, SN2002012, TPS65987D, and TPS65988.

Models may be followed by other characters that do not impact the safety feature of the device.

Additional information (if necessary may also be reported on page 4)

☐ Additional information on page 4

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

IEC 62368-1:2018

National differences:

AU, CA, CN, EU Group Differences, JP, NZ, SA, SG, US

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

US-2565-MET EN 130027 M0A0

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 eurofins

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Date: 2024-01-09

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Additional factory

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

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

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

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