Ref. Certif. No.

US-34617-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 INC 12500 TI BLVD DALLAS TX 75243 UNITED STATES
Name and address of the manufacturer	TEXAS INSTRUMENTS INC 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*	SUZHOU ASEN SEMICONDUCTOR CO. LTD 188 SU HONG XI ROAD, SIP SUZHOU, JIANGSU 215000 CHINA ☒ Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	SN1701012, SN1701013, SN1702024, SN1702025, SN1702026, 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-A6009-CB-1 issued on 2019-10-21

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: 2019-10-21

Signature:

Jolanta M. Wroblewska

Model Details:
SN1701012, SN1701013, SN1702024, SN1702025, SN1702026, SN1702027, SN1702028, SN1702029, SN1702030, SN1702031, SN1702032, SN1702033, SN1702034, SN1702035, SN1702036, SN1708021, SN1708022, SN1708023, SN1710007, SN1710008, SN1710009, SN1711019, SN1802028, SN1805041, SN1805042, SN1805043, SN1805050, SN1806026, SN1809012, SN1809013, SN1809014, SN1809015, SN1809016, SN1809017, SN1809018, SN1809019, SN1809020, SN1809021, SN1809022, SN1809023, SN1809024, SN1809025, SN1809026, SN1809027, SN1809028, TPS65987D, TPS65987S, and TPS65988
Models 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
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

Ratings:
Models SN1701012, SN1702027, SN1702030, SN1702033, SN1702036, SN1708021, SN1710007, SN1711019, SN1802028, SN1805041, SN1805042, SN1805043, SN1805050, SN1806026, SN1809012, SN1809013, SN1809014, SN1809015, SN1809016, SN1809017, SN1809018, SN1809019, SN1809020, SN1809021, SN1809022, SN1809023, SN1809024, SN1809025, SN1809026, SN1809027, SN1809028, 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
Ambient:
-40 to 75°C
Models 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

Additional information (if necessary)

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☐ 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

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Date: 2019-10-21

Signature:
Jolanta M. Wroblewska

Ratings (continued):
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
Ambient:
-40 to 75°C
Models SN1708023, SN1702024, SN1702025, SN1702028, SN1702031, SN1702034, SN1710009, and TPS65987S
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
Ambient:
-40 to 75°C

Additional information (if necessary)

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