Ref. Certif. No.

US-35180-M3-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 T I BLVD DALLAS, TX 75243 UNITED STATES
Name and address of the manufacturer	TEXAS INSTRUMENTS INCORPORATED 12500 T I 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 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 ☒ Additional Information on page 2
Ratings and principal characteristics	(Optional) TPS26630, TPS26631, TPS16630, TPS16637 and TPS26637 - Input Voltage: 4.5 - 60Vdc ☒ Additional Information on page 3
Trademark / Brand (if any)	TEXAS INSTRUMENTS
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TPS2663, TPS1653, TPS1663 ☒ Additional Information on page 3
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, JP, NZ, US ☒ Additional Information on page 3
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-A6018-CB-1 issued on 2025-01-29

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☒ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2025-01-29
Original Issue Date: 2020-01-29

Signature:
Mauricio Avila

Ref. Certif. No.

US-35180-M3-UL

Factory(ies):

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 CHACHOENGSAO, Chachoengsao, 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 Kuala Lumpur, Kuala Lumpur 54200
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, Phra Nakhon Si Ayutthaya, 13160
Thailand

Carsem Semiconductor(Suzhou) Co Ltd
No 88 West Shen Hu Road In District 2
Suzhou Industrial Park Jiangsu, Jiangsu, 215021
China

Additional information (if necessary)

UL Solutions

☒ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Mauricio Avila

Additional Model Detail(s):
TPS2663, followed by 0, 1, 2, 3, 5, 6, or 7 may be followed by additional characters that do not affect the safety features of the device.

TPS1663, followed by 0 or 2 or 7, may be followed by additional characters that do not affect the safety features of the device.

TPS1653, followed by 0, may be followed by additional characters that do not affect the safety features of the device.

Additional Ratings: (Optional)
TPS26630, TPS26631, TPS16630, TPS16637 and TPS26637 -
Input Voltage: 4.5 - 60Vdc
Output Continuous Current: 0.54 - 1.3A
Output Current Limit: 0.66 - 1.6A
Input Voltage: 4.5 - 20Vdc
Output Continuous Current: 0.54 - 4.2A
Output Current Limit: 0.66 - 4.815A

TPS26632, TPS26633, and TPS26636 -
Input Voltage: 4.5 - 32Vdc
Output Continuous Current: 0.54 - 1.3A
Output Current Limit: 0.66 - 1.6A
Input Voltage: 4.5 - 20Vdc
Output Continuous Current: 0.54 - 4.2A
Output Current Limit: 0.66 - 4.815A

TPS26635 and TPS16632 -
Input Voltage: 4.5 - 35.7Vdc
Output Continuous Current: 0.54 - 1.3A
Output Current Limit: 0.66 - 1.6A
Input Voltage: 4.5 - 20Vdc
Output Continuous Current: 0.54 - 4.2A
Output Current Limit: 0.66 - 4.815A

TPS16530 -
Input Voltage: 4.5 - 58Vdc
Output Continuous Current: 0.54 - 1.3A
Output Current Limit: 0.66 - 1.6A
Input Voltage: 4.5 - 20Vdc
Output Continuous Current: 0.54 - 4.2A
Output Current Limit: 0.66 - 4.815A
Maximum Operating Ambient:
90°C

Additionally evaluated to:
EN 62368-1:2014, EN 62368-1:2014/A11:2017

Summary of Modifications:
Updates to the Models information and Enclosures. See CB Test report for details.

Additional information (if necessary)

☒ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Signature:

Mauricio Avila

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