Ref. Certif. No.

US-43586-M1-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) Models TPS16412/TPS16413/TPS16416/TPS16417 Input Voltage: 2.7 to 33 Vdc Number of Outputs: 1 (Forward) Operational Current Rating per Output: 0.024 to 1.671 A Overcurrent Protection Current Rating per Output: 0.039 to 1.881A Ambient: -30 to 85°C ☒ Additional Information on page 2
Trademark / Brand (if any)	TEXAS INSTRUMENTS
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TPS1641X, X = 0, 1, 2, 3, 4, 5, 6 or 7, may be followed by DRC, R, and or additional characters that do not affect the safety
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. National Differences: CA, US ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E169910-A6058-CB-1 issued on 2024-11-05

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: 2024-11-05
Original Issue Date: 2024-03-27

Signature:
Mauricio Avila

Ref. Certif. No.

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Additional Model Detail(s):
TPS1641X, X = 0, 1, 2, 3, 4, 5, 6 or 7, may be followed by DRC, R, and or additional characters that do not affect the safety features of the device

Additional Ratings:
Models TPS16410/TPS16411/TPS16414/TPS16415
Input Voltage: 4.5 to 33 Vdc
Number of Outputs: 1 (Forward)
Operational Current Rating per Output: 0.09 to 1.71 A
Overcurrent Protection Current Rating per Output: 0.136 to 1.9 A
Ambient: -30 to 85°C

Summary of Modifications:
Add Models; 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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Date: 2024-11-05
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Signature:

Mauricio Avila

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