Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Renesas Electronics Corporation

5-20-1, Jyousui-Hon-cho

187-8588 Kodaira-shi, Tokyo, JAPAN

☒ **Reference Implementation**
The tested device is a reference implementation of a Technology Component. Any device using this implementation still needs to be certified with their own VendorID, DeviceID and GSD file.

the Certificate No: **Z11733** for the PROFINET IO Device:

Model Name:	TPS-1 reference board
Revision:	SW/FW: V13.0.0/V1.4.1.7; HW: V.1
Identnumber:	0x02C7; 0x1234
GSD:	GSDML-V2.32-Renesas_Electronics-TPS1_CCB-20161215.xml
DAP:	Renesas TPS-1; Renesas TPS-1 Template V1.0, 0x00000001

This certificate confirms that the product has successfully passed the certification tests with the following scope:

☑	PNIO_Version	V2.32
☑	Conformance Class	B Optional features: Legacy, MRP
☑	PNIO_Tester_Version	V2.33.2
☑	Tester	JPO-TTL, Tokyo, Japan, TTL-PN027-1

This certificate is granted according to the document:
"Framework for testing and certification of PROFIBUS and PROFINET products".
For all products that are placed in circulation by **April 11, 2020** the certificate is valid for life.
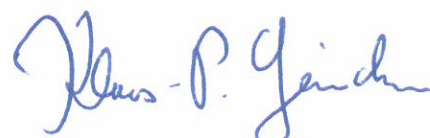
Karlsruhe, April 24, 2017

Board of PROFIBUS Nutzerorganisation e. V.

(Official in Charge)

(Karsten Schneider)

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(K.-P. Lindner)