

# TPS-1 EVA BOARD - Evaluation Board

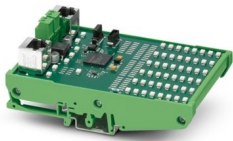


2700881

<https://www.phoenixcontact.com/us/products/2700881>

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Demo board for the TPS-1 PROFINET protocol chip



## Product description

Test PROFINET communication with the TPS-1 EVA BOARD.  
You can program demonstration applications using the LEDs provided.

## Your advantages

- TPS-1 protocol chip
- PROFINET conformance class C
- LED diagnostics and status indicators

## Commercial data

Item number	2700881
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR14
Product key	DRECBA
GTIN	4046356655385
Weight per piece (including packing)	194.7 g
Weight per piece (excluding packing)	194.7 g
Customs tariff number	85389091
Country of origin	DE

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## Set consists of

TPS-1 EVA BOARD - Evaluation Board

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## Technical data

### Product properties

Product type	Evaluation board
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### System properties

#### Module

Protocol chip	TPS-1
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### Electrical properties

IC power supply voltage	5 V DC $\pm$ 10 % (DC)
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#### Supply

Max. current consumption	200 mA (+7 mA per set LED)
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### Interfaces

#### Ethernet 10Base-T/100Base-TX

Bus system	RJ45
Connection method	RJ45 jack
Note on the connection method	2x
Transmission speed	10/100 Mbps (acc. to PROFINET standard)
Transmission physics	Twisted pair connection

### Dimensions

Width	79 mm
Height	48 mm
Length	128 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	5 °C ... 55 °C
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## Classifications

### UNSPSC

UNSPSC 21.0	32151600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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