

# IBS SUPI 3 OPC - Slave protocol chip



2746980

<https://www.phoenixcontact.com/us/products/2746980>

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Slave protocol chip, TQFP 64 (with copper block), INTERBUS, Interface implementation, 4 bytes internally, external expansion is possible up to 64 bytes, MFP interface, digital I/O (2-8 IN/OUT, 16 IN/16OUT), SPI master interface (direct serial coupling to ADC/DACs) and serial microprocessor interface

## Commercial data

Item number	2746980
Packing unit	90 pc
Minimum order quantity	90 pc
Sales key	DR14
Product key	DRECAA
GTIN	4017918169459
Weight per piece (including packing)	6.674 g
Weight per piece (excluding packing)	5.882 g
Customs tariff number	85423990
Country of origin	US

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Protocol chip
Type	TQFP 64 (with copper block)

### System properties

#### Module

Internal data length	4 bytes internally, external expansion is possible up to 64 bytes
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### Electrical properties

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

Typical current consumption	40 mA (without analog control)
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### Interfaces

User interface	MFP interface, digital I/O (2-8 IN/OUT, 16 IN/16OUT), SPI master interface (direct serial coupling to ADC/DACs) and serial microprocessor interface
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#### INTERBUS

Connection method	Remote bus/local bus or remote fiber optic bus
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### Dimensions

Width	14 mm
Height	1.2 mm
Depth	14 mm
Length	14 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-40 °C ... 85 °C (at max. 75 % humidity during operation)
Ambient temperature (storage/transport)	5 °C ... 30 °C (at max. 60 %)

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## Classifications

### ECLASS

ECLASS-13.0	27242605
ECLASS-15.0	27242605

### ETIM

ETIM 10.0	EC001601
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### UNSPSC

UNSPSC 21.0	32151600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	1.855 kg CO2e
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