

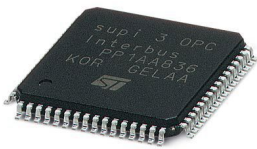
IBS SUPI 3 OPC - Slave protocol chip



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 |

Technical data

Notes

Note on application

| | |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

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 |
|----------------------|---|

Electrical properties

| | |
|-------------------------|------------------------|
| IC power supply voltage | 5 V DC \pm 10 % (DC) |
|-------------------------|------------------------|

Supply

| | |
|-----------------------------|--------------------------------|
| Typical current consumption | 40 mA (without analog control) |
|-----------------------------|--------------------------------|

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 |
|----------------|---|

INTERBUS

| | |
|-------------------|--|
| Connection method | Remote bus/local bus or remote fiber optic bus |
|-------------------|--|

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 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 32151600 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.855 kg CO2e |
|---------|---------------|

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