

# IBS SUP1 4 QFN - Slave protocol chip



2746744

<https://www.phoenixcontact.com/us/products/2746744>

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Slave protocol chip, QFN 52 (with copper block), INTERBUS, Interface implementation, 64 bytes IN/64 bytes OUT, MFP interface, digital I/O (16 IN/16 OUT, 32 IN, 32 OUT), parallel and serial port for microprocessors



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2746744       |
| Packing unit                         | 500 pc        |
| Minimum order quantity               | 250 pc        |
| Sales key                            | DR14          |
| Product key                          | DRECAA        |
| GTIN                                 | 4046356152914 |
| Weight per piece (including packing) | 1.111 g       |
| Weight per piece (excluding packing) | 1.111 g       |
| Customs tariff number                | 85423290      |
| Country of origin                    | JP            |

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## Technical data

### Notes

#### Note on application

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

### Product properties

|                |                            |
|----------------|----------------------------|
| Product type   | Protocol chip              |
| Product family | Interface implementation   |
| Type           | QFN 52 (with copper block) |

### System properties

#### Module

|                      |                          |
|----------------------|--------------------------|
| Internal data length | 64 bytes IN/64 bytes OUT |
|----------------------|--------------------------|

### Electrical properties

|                         |                          |
|-------------------------|--------------------------|
| IC power supply voltage | 3.3 V DC $\pm$ 10 % (DC) |
|-------------------------|--------------------------|

#### Supply

|                             |       |
|-----------------------------|-------|
| Typical current consumption | 20 mA |
|-----------------------------|-------|

### Interfaces

|                |  |
|----------------|--|
| User interface | MFP interface, digital I/O (16 IN/16 OUT, 32 IN, 32 OUT), parallel and serial port for microprocessors |
|----------------|--|

#### INTERBUS

|                   |  |
|-------------------|--|
| Connection method | Remote bus, local bus or installation remote bus |
|-------------------|--|

### Dimensions

|        |        |
|--------|--------|
| Width  | 8 mm   |
| Height | 0.9 mm |
| Depth  | 8 mm   |
| Length | 8 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) | -65 °C ... 150 °C (at max. 60 %)                          |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27242605 |
| ECLASS-15.0 | 27242605 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

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