

# IBS SUPI 3 QFP - Slave protocol chip



2746087

<https://www.phoenixcontact.com/us/products/2746087>

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Slave protocol chip, for INTERBUS (QFP 100)



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2746087       |
| Packing unit                         | 66 pc         |
| Minimum order quantity               | 66 pc         |
| Sales key                            | DR14          |
| Product key                          | DRECAA        |
| GTIN                                 | 4017918153588 |
| Weight per piece (including packing) | 8.127 g       |
| Weight per piece (excluding packing) | 8 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                            |
| Type         | QFP 100 (PLCC 84 has been discontinued!) |

### System properties

#### Module

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Internal data length | 8 bytes internally, external expansion is possible up to 64 bytes |
| Protocol chip        | IBS SUPI 3 QFP                                                    |

### Electrical properties

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

#### Supply

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

### Interfaces

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| User interface | MFP interface, digital I/O (8 IN/8 OUT, 16 IN/16 OUT), parallel port for microprocessor |
|----------------|-----------------------------------------------------------------------------------------|

#### INTERBUS

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

### Dimensions

|        |        |
|--------|--------|
| Width  | 14 mm  |
| Height | 3.4 mm |
| Depth  | 20 mm  |
| Length | 20 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 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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