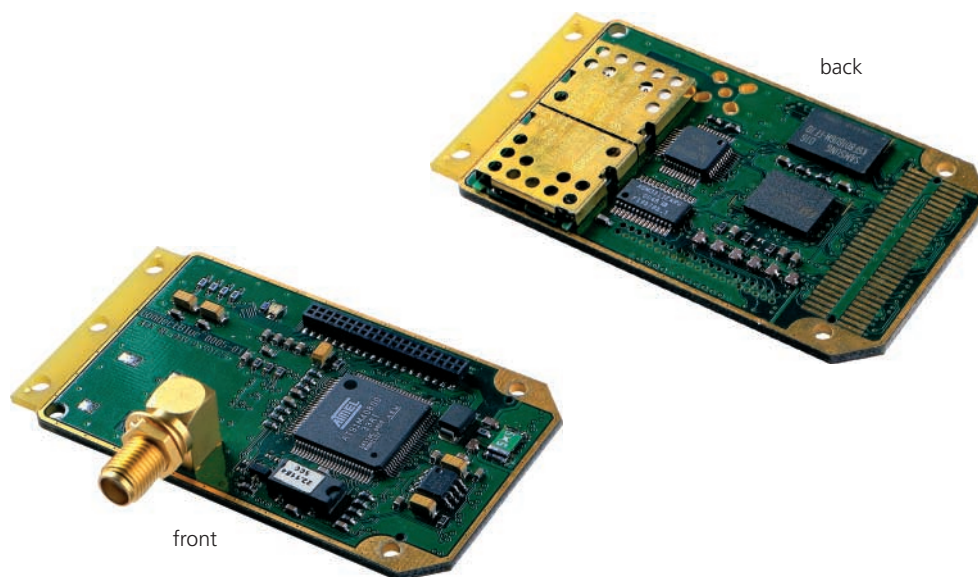




OEM Serial Port Adapter™

OEM Serial Port Adapter™ is the product that enables cable-replacement using Bluetooth wireless technology in any application due to a flexible design. The simple design makes it easy to embed the OEM Serial Port Adapter™ in your product with no or limited implementation cost which will decrease time-to-market. Just unplug and play!

The OEM Serial Port Adapter™ is designed to be embedded in any product currently using RS-232 to enable the Bluetooth technology. It communicates with other Bluetooth devices, such as mobile phones, handheld computers and laptops. Just use your imagination, unplug and play!

Key Features

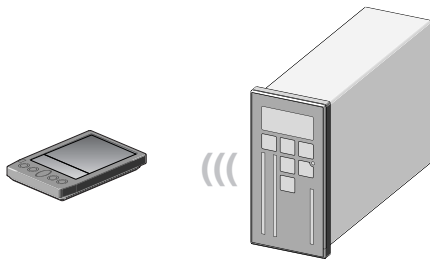
- RS-232 or 0/3,3 V serial interface
- 3,6 - 6,5 V DC power supply
- Easy to mount
- Built-in antenna or external antenna
- No external software needed
- Full Bluetooth support
- Bluetooth qualified and type approved

Bluetooth Qualification

The product is Bluetooth qualified according to the Bluetooth 1.1 specification.

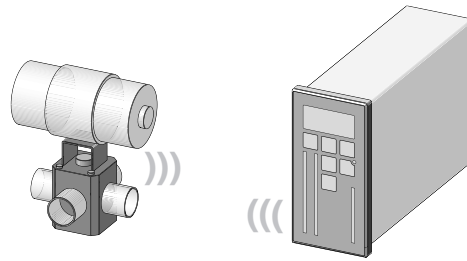
Typical Applications

Some examples of typical applications where the OEM Serial Port Adapter™ is used.



PDA - industrial device

Industrial device with a built-in OEM Serial Port Adapter connects wirelessly to a PDA, enabled with Bluetooth wireless technology, running a configuration software.



Industrial device - industrial device

An industrial device with a built-in OEM Serial Port Adapter connecting to another industrial device with a built-in OEM Serial Port Adapter.

Technical Data

SPECIFICATIONS

Bluetooth Interface

Supported Bluetooth Profiles: Serial Port Profile, LAN Access Profile (up to Serial Port Profile and SDP) and Dial-up networking Profile (up to Serial Port Profile and SDP)

Bluetooth radio: 0dBm power output

Bluetooth Qualification

The product will be Bluetooth qualified according to the Bluetooth 1.1 specification.

Interface

Standard 40-pin header, double row (0,050" spacing):

- Power/ground
- 3 pins for LED's indicating Bluetooth operation
- Serial interface RS-232 or 0/3.3 V
- 3 pins for buttons
- 4 pins for PCM coded audio

Available with three different antennas: internal antenna, stub antenna or antenna on a cable.

Power/current Consumption

Power supply: 3,6 - 6,5 V DC

Current consumption: 5 V power; connected 100 mA, not connected 82 mA

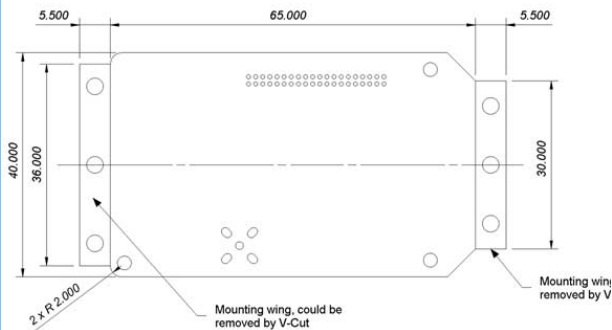
Dimensions

65 * 40 mm

Weight, internal antenna: 18 grams

Weight, stub antenna: 24 grams

Weight, antenna on a cable: 39 grams



Configuration Software

Configuration utilities for Windows 98, Windows ME, Windows 2000 and Windows NT 4 used to configure:

- RS-232 parameters
- Bluetooth settings
- Remote peer handling
- Bluetooth security

Environmental

IEC 61131-2

Operating temperature: 0 - +65° C

Storage temperature: -25 - +70° C

Humidity RH 5-95% non-condensing

Tested to comply with

R & TTE Directive 1999/5/EEC

EMC Directive 89/336/EEC

Part 15 of the FCC Rules

Order Number

cB-OEMSPA-01 (kit for evaluation, stub antenna)

cB-OEMSPA-02 (stub antenna)

cB-OEMSPA-03 (internal antenna)

cB-OEMSPA-04 (antenna on a cable)



DISTRIBUTORS NEAR YOU

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