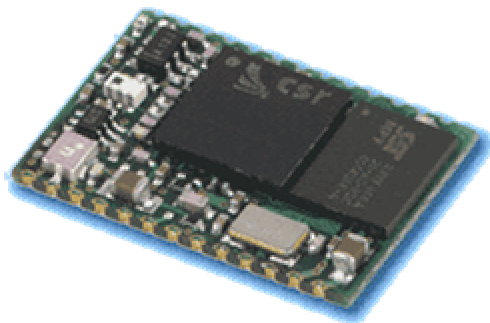


BTM02C2XX-X

Windigo Universal Class 2 Bluetooth™ Module Series

The Windigo Universal Class 2 Bluetooth™ Module BTM02C2XX-X series are compact and qualified modules that provide a complete 2.4GHz Bluetooth™ system for wireless data and voice communications. The modules can be integrated into almost any electrical device, providing the OEM with a simple and affordable method of enabling their products with Bluetooth™ technology. The BTM02C2XX-X series is part of Windigo System's core Universal Class 2 Bluetooth™ Module product line and is available with several antenna and connector interface options.

Features



- Complete 2.4GHz radio transceiver and baseband
- Bluetooth™ version 1.1 compliant
- Bluetooth™ qualified
- Small footprint (25mm x 14.5mm x 2.2mm)
- Bluetooth™ Class 2 operation (up to 10 meter range)
 - Class 1 operation available (up to 100 meter range)
- Basic module as SMD type
- Antenna and interface options available
- Surface mountable
- CSR BlueCore2, single chip Bluetooth™ system with 0.18 μm CMOS technology
- On-board flash memory (4Mb or 8Mb)

Applications

PC, notebook, printers

Mobile phone

Personal digital assistants

Wireless headsets

Expansion accessories (Compact Flash, PCMCIA and SD card)

Digital cameras

And many other peripheral and embedded device applications

Specifications

Parameter	Specifications
Frequency	2.400 to 2.480 GHz
Modulation	FHSS / GFSK
RF channels	79
Channel Intervals	1 MHz
Power Supply Voltage	3.3V
Transmission Rate	721 Kbps
Input Sensitivity	-80dBm
Output Level	4dBm
Dimensions	25mm x 14.5mm x 2.2mm