

SB16C1058PCI, PCI to Octal-UART Bridge Controller

● Features

Integrated PCI Interface

- Standard PCI Local Bus Specification Rev. 2.3 compliant
- Built-In PCI Target Controller
- Adopting Zero-Wait PCI to MIO Bus Conversion
- Supports 33MHz and 66MHz Bus Operation Speed
- Supports Universal PCI working in both PCI and PCI-X slots
- Option Register provided for the control and information of UART
- Downloads the Configuration header data from external serial EEPROM

Octal UART Interface

- Octal-UART with 256-byte Transmit/Receiver Deep FIFOs
- Register Set Compatible with 16C554 and 16C654
- Serial Data Rate of Up to 5.3Mbps & System Clock Up to 85MHz
- Software/Hardware Flow Control & Xoff Re-Transmit Function
- Global Interrupt & Control Pins for RS422/485 Auto Toggling
- Fast UART Response Time, 24ns for IOR & IOW operation
- Internal Diagnostic Capabilities

Support & Order Information

- 3.3V I/O, 5V Tolerance
- LQFP176 Package

SystemBase offers SB16C1058PCI Development Kit to minimize development efforts and costs, and to maximize application stability.

SB16C1058PCI Development Kit includes H/W schematics, CAD files, S/W device driver and source codes and etc. It will help you develop a new product easily and quickly.



Products	Description
SB16C1058PCI	PCI to Octal-UART Bridge Controller
SB16C1058PCI Development Kit	Evaluation Board, Data Sheet, Development Kit Manual, Development Kit CD <ul style="list-style-type: none">- E/B Schematics- E/B Artwork & Gerber- Serial EEPROM Data- Device Driver & Test Program- Source Code