Agilent 82350A
High-Performance PCI GPIB Interface for Windows®

Data Sheet

- PCI IEEE-488 interface for PCs
- Built-in buffering for speed
- Agilent VEE compatibility
- BASIC for Windows compatibility
- Microsoft languages compatibility
- SICL/VISA support

Description

The Agilent Technologies 82350A is a low-cost, high-performance IEEE-488 interface and software for PCI-based PCs. The 82350A makes it easy to access and control instruments and exchange data. This is a high-speed, PCI card with built-in buffering, which de-couples GPIB transfers from the PCI bus transfers. Buffering provides I/O and system performance that is superior to direct memory access (DMA)—up to 750 KB/s.

The 82350A comes with SICL and VISA software for Windows 95/98/NT/2000/Me. The I/O Libraries now support the 82350A on multiprocessor computers with Windows NT or Windows 2000. The hardware is software configurable and compatible with the plug-and-play standard for easy hardware installation.

The GPIB interface card plugs into a PCI slot in the backplane of your PC. Via a GPIB cable, this card connects to GPIB instruments.

For VXI applications a GPIB cable connects the card to the command module in Slot 0 of the VXI mainframe.

Refer to the Agilent Technologies Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.
# Product Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Product No.</th>
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<tbody>
<tr>
<td>Operating system:</td>
<td>Windows 95/98/NT/2000/Me</td>
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<td>Controller:</td>
<td>PC</td>
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<tr>
<td>I/O library:</td>
<td>SICL/VISA</td>
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<tr>
<td>Backplane:</td>
<td>PCI</td>
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<td>Max. I/O speed:</td>
<td>750 KB/s</td>
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<td>Buffering:</td>
<td>Built-in</td>
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<td>Languages:</td>
<td>Agilent VEE, C/C++, BASIC for Windows, Visual Basic</td>
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# Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Product No.</th>
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<tr>
<td>High-Performance PCI GPIB Interface</td>
<td>82350A</td>
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<tr>
<td>Add Manual Set</td>
<td>82350A 0B1</td>
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