

PCI Technology Overview

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Netlist Ex 2029
Samsung v Netlist
IPR2022-00996



Agenda

- History and Industry Involvement
- Technology Information
 - Conventional PCI
 - PCI-X
 - 1.0
 - 2.0
 - PCI Express
 - Other
- Digi Products in PCI/PCI-X environments
- Q & A

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Q: What does “PCI” mean anyway ?

A: Peripheral Component Interconnect

PCI-SIG

- PCI Special Interest Group
- Industry organization formed in 1992
- Over 900 members
- Promotes PCI as an industry-wide standard
- Full ownership and management of the PCI specifications
- Maintains the PCI specifications and forward-compatibility of all PCI revisions



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PCI Technology



- Conventional PCI
 - Initial PCI 1.0 proposal by Intel in 1991
 - Introduced by PCI-SIG as PCI 2.0 in 1993
 - Version 2.1 approved in 1995
 - Recent version 2.3 approved in March 2002

- PCI-X
 - Version 1.0 approved in September 1999
 - Version 2.0 approved in July 2002

- PCI Express
 - Formerly known as 3GIO
 - Version 1.0 approved in July 2002

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