PCI/PCI-X Characterization and Debug

Service Data Sheet

PS-X10-100

- Receive expertise to solve PCI/PCI-X-based problems

- Refine validation and debug processes to meet product and time-to-market schedules

- Bring new users up to speed quickly and efficiently

Service Description

Agilent's PCI/PCI-X Characterization and Debug service provides expert assistance with your PCI/PCI-X problems. This service can include assistance with PCI/PCI-X debugging and validation, as well as consulting related to debug approaches and methodologies.

Service Scope

A qualified Agilent technical consultant will come to your site and deliver a customized solution to fit your PCI-/PCI-X based consulting needs. This service is flexible and ranges from a discussion of PCI/PCI-X debug methodologies through actual debugging of complex problems. This service can also encompass validation tasks such as creation of exerciser scripts and actual validation.

The time required to effectively deliver this service is dependant on the scope of the consulting engagement.

Business Need

- Speed time to market with focused expertise
- Save time and expense in ramping up PCI/PCI-X technology
- Improve quality by increasing test coverage

What You Will Receive

- The services of an Agilent Digital Systems consultant experienced in PCI/PCI-X validation and debug
- A customized service that can include the following:
  - Using an analyzer to capture PCI/PCI-X transactions
  - Writing scripts to generate transactions from the PCI/PCI-X exerciser
  - Triggering on the PCI/PCI-X bus transactions
  - Triggering on setup and hold violations
  - Capturing protocol violations in real-time
  - Discussion and implementation of validation methodologies
  - Determining bottlenecks in PCI/PCI-X performance
  - Measuring latency with PCI/PCI-X performance software
  - Making real-time PCI/PCI-X efficiency and utilization measurements
  - Debugging PCI/PCI-X problems

Ordering Information

Contact your local Agilent Sales Representative for a custom quotation.

Related Services

- Custom Tool Design for Logic Analyzers
- Logic Analyzer Probing
- Measurement and Debug Assistance of Processor Based Systems

Agilent Technologies

Agilent Technologies' Test and Measurement Support, Services, and Assistance
Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise
Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you receive your new Agilent equipment, we can help verify that it works properly and help with initial product operation.

Your Advantage
Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and onsite education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

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Phone or Fax

United States:
(tel) 800 829 4444
(fax) 800 829 4433

Canada:
(tel) 877 894 4414
(fax) 905 282 6495

China:
(tel) 800 810 0189
(fax) 800 820 2816

Europe:
(tel) 31 20 547 2111

Japan:
(tel) (81) 426 56 7832
(fax) (81) 426 56 7840

Korea:
(tel) (080) 769 0800
(fax) (080)769 0900

Latin America:
(tel) (305) 269 7500

Taiwan:
(tel) 0800 047 866
(fax) 0800 286 331

Other Asia Pacific Countries:
(tel) (65) 6375 8100
(fax) (65) 6755 0042
Email: tm_ap@agilent.com

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⁘ Agilent Technologies