



Custom Tool Design for Logic Analyzers

Service Data Sheet

PS-X10-100

- Improve productivity by decoding complex busses/protocols into readable, usable formats
- Obtain greater insight into specific debug and analysis issues using logic analyzers
- Reduce your target or system development time with the expanded analysis capability of custom tools

Service Description

Agilent's Custom Tool Design for Logic Analyzers service provides customized software tool design for Agilent's 16700, 1680/1690-logic analyzer families.

Service Scope

A qualified Agilent technical consultant will conduct an investigation to understand the technical requirements for your needs. A statement of work is developed for:

- your specific requirements
- the conditions in which the tool will be used
- the desired output from the tool

The specification, delivery and timeframe of the software tool will also be detailed. Upon your approval of the statement of work a final quote is generated.

Development of the tool will take place offsite, but may require some on-site validation.

Example Applications:

- Decoding DRAM row and column addresses
- Processor code flow reconstruction
- Call tree listing generation to track subroutines code flow
- Custom output to display data as packets, rpm's, etc.
- Subroutine marker tracking for tracing code running in cache
- Decoding proprietary or encrypted busses such as ECC encoded memory

Business Need

- Achieve significant productivity improvements by decoding complex busses/protocols into readable and usable formats
- No need to develop expertise in logic analyzer data extraction techniques, nor purchase the development environment tools.
- Improve quality by making errors easier to detect

What You Will Receive

- Help in defining the problem to be solved from an Agilent Digital Systems consultant experienced with developing custom tools.
- A statement of work customized to your specific requirements which defines the deliverables for the project
- An installable copy of the custom tool
- Installation Instructions
- A user manual and/or on line help

Required From Customer

- Protocol specification and/or description of desired functionality
- Sample datasets for development and debug



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Ordering Information

Contact your local Agilent Sales Representative for a custom quotation.

Related Services

- Logic Analyzer Probing
- Measurement and Debug Assistance of Processor Based Systems

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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