Course Number E1288A+24D
Scheduled, Dedicated

Agilent 82000 User Training
Overview

Learn to use the Agilent Technologies 82000 system hardware and software to develop application packages and perform device evaluation

Course Overview
This application-driven course focuses on interactive rather than programmatic test development capabilities. Learn to start up the system, perform device fixturing, and use interactive test functions to characterize a sample device.

What You Will Learn
- Start up the system
- Perform device fixturing
- Characterize devices using the interactive test functions
- Generate test flows
- Perform an EDA translation

Specifications
Course Type
User/Application training

Audience
This training course is designed for all Agilent 82000 users.

Prerequisites
Familiarity with RMB-UX, C, UNIX and the vi editor would be helpful but not required.

Course Length
5 days

Course Format
Course context is 50% lecture and 50% lab instruction on system usage, generation of test flows, high speed testing techniques and calibration, and use of the EDA links. The course is application driven and concentrates on interactive, rather than programmatic, test development capabilities.

Delivery Method
Scheduled (at Agilent training locations) or *Dedicated* (at customer site)
To save you time and travel, many Agilent courses can be delivered at your site. Agilent can provide required equipment, or save money by furnishing your own.

Detailed Course Agenda
Day 1
- Hardware, software overview
- Setup editors and result screens
- Wordmask setup
- Hardware < -- > software communication
- Test philosophy basics
- Debugging a functional test

Day 2
- Use of interactive test functions
- Principle of operation of key search functions
- Use of sequencer
- Sequencer capabilities and limits

Day 3
- Generation of test flows
- Call of TFs
- Guide to purpose and function of direct GPIB commands
- Report generation

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Day 4
- High speed testing theory
- Resistive divider
- How to apply calibration, options and their purpose
- Use of the pin attributes

Day 5
- Use of EDA interface
- Use of the diagnostics
- Questions/answers

For the latest information on class schedules and locations, visit our website:
www.agilent.com/find/tmeducation

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www.agilent.com/find/assist

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