enVision Graphical Debug Tool

Cohu

Flexible, Cost Optimized Test Solutions

Automotive

Mobility

IoT/IoV & Optoelectronics

Computing & Network

Industrial & Medical

Consumer

Course Description

The eLearning material introduces the student to the enVision (X-Series) Graphical Debug Tool (GDT). The GDT tutorial will guide students through the use of the tool and interpretation of the information the tool presents. On completion of the course, the student will be able to create and include in a test program GDT objects to aid program debugging and production support activities. This is accomplished by a combination of multimedia presentations and interactive software.

Course Outline

- GDT Overview
- Detailed Tool Description
- GDT Tester and Instrument Support

Course Length

- Self-paced – 1.5 hours depending on skill level

Prerequisites

- Three months test program experience

Recommended

- English - written and spoken

- **Next-gen test system for wide range of applications**
- **Scalable high-throughput architecture**
- **Flexible configurations and solutions**
- **Small form factor**
- **Air-cooled architecture and instruments**
- **Compact low power technology**

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Course Modules

1 - Unison GDT Overview

This module provides a general overview of the enVision (X-Series) GraphicalDebugTool. On completion of this module, the student will be able to describe the purpose and features of the GraphicalDebugTool.

- Summary of features and benefits
- Insturments supported
- Spreadsheet View
- Diagram View

2 - Unison GDT Details

This module provides detailed descriptions of the control elements of the tool. Upon completion of this module, the student will understand the sections of the GDT and be able to use the GDT pulldown menus and control bars.

- Sections of the GDT
- GDT Menus: File Menu, Edit Menu, View Menu, Options Menu, Help Menu
- GDT Toolbars: Object Control Toolbar, Change Control Toolbar, Traversal/Display Toolbar, Sites Toolbar
- GDT Work Area View Tabs
- Formula Text Entry Toolbar

3 - Unison GDT Environment

This module introduces the student to working areas of the GDT. After completing this module the student will demonstrate a working knowledge of various work areas of the GDT, identify the purposes of the status bar, and recognize the GraphicalDebug Object's UNA syntax.

- Sections of Spreadsheet View
- Spreadsheet View Menus: Row and Cell Menus, Cell Operations Menu, Row Operations Menus
- Sections of Diagram View
- Diagram View editing
- The Status Bar
- GraphicalDebug Object UNA Syntax

4 – Unison GDT Resources

This module describes GDT support features that are specific to certain instrument types. After viewing this material, the student will recognize various instrument-specific GDT features.

- Digital Instrument support
- VI instrument support
- RF instrument support
- Tester support

At the end of each module the student will be required to pass a test, achieving a score of 75% or more. The student is encouraged to take notes throughout the course, and repeat, or pause the presentation as needed.

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Course Viewing Requirements

To view the course, you must have:

- Browser supporting HTML5
- Audio-listening capabilities (such as a headset or speakers)
- Connection speed of at least 600 kbps

Course Cost

- Free of charge for all Cohu Semiconductor Tester Customers

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