

kDiagnostics Design Suite Sequence Reporter

Overview

For designers of 32-bit embedded systems who must deliver high quality quickly and at low cost, Kozió's kDiagnostics® Design Suite is a comprehensive, configurable, and cost-effective hardware validation suite that provides an extensible and reusable solution.

The SequenceReporter™ option provides a highly-configurable test reporting and tracking capability, used to report historical status of boards, operators and sites.

EXTENSIVE TEST RECORDING AND REPORTING

A relational database records every test action, from operator's input to test sequence execution, including target responses. User fields can store test scripts, manufacturing data, MAC addresses, etc, and the database's open SQL schema gives you complete control to create your own reports or integrate with other databases. The remote test interface permits test sequence execution and status reporting to be anywhere at discrete locations on the network.

YOUR DATA, SORTED YOUR WAY

Kozió's host tools (SequenceRunner™, SequenceReporter and the Command Line Interface (CLI)) all communicate with the Kozió server, and interact with the common database for capturing, storing and retrieving test results.

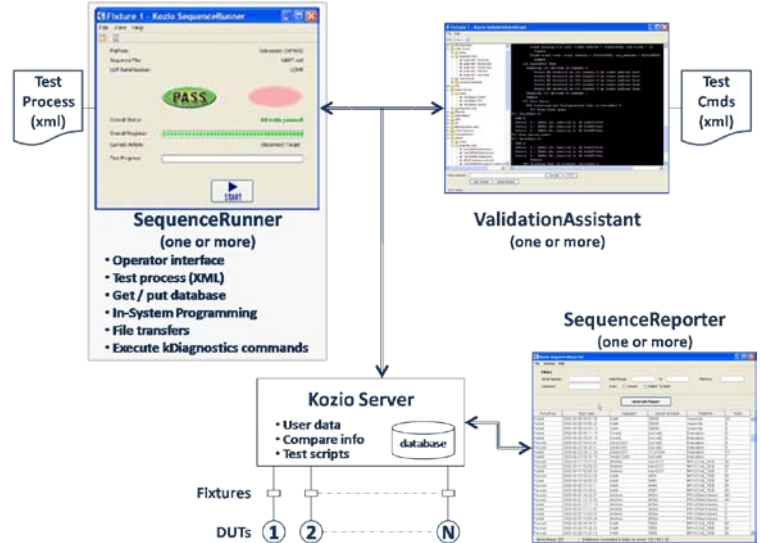
SequenceReporter users can sort and filter test reports to fulfill their requirements.

FLEXIBLE INSTALLATION OPTIONS

SequenceReporter and the test database can be hosted on any network-connected computer. Test data from multiple stations, operators and lines can be stored in one central location for ease of back-up and security.

kDiagnostics Design Suite

The complete Kozió solution is a suite of software tools for board diagnostics, binary image downloading, in-system programming, automated board testing, and power-on self-test. The Kozió architecture has two main components: a



target diagnostics application and one or more host applications. SequenceRunner and SequenceReporter comprise the test automation tools, which provide “scan it; program it; test it; track it” for manufacturing end-of-line testing.

Features

- Stores every test action for later reporting
- Captures and stores every target response in detailed logs for post-processing and reporting
- Store complete test process, test scripts and manufacturing data in user fields
- Monitor status of boards, performance of test stations and operators
- Open database schema for custom reporting

Benefits

- Fast test status reporting at your fingertips
- View current and historical data to identify common issues
- Maintain test documents for quality-conscious customers

Contact Information

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