



Koizio Test Library

PRE-BUILT TEST PRIMITIVES, TEST METHODS, AND TEST SUITES

The **Koizio Test Library** contains hundreds of test primitives, test methods, and test suites. These pre-built test components provide increasingly complex operations for the complete verification of your embedded design.

Executing a single command can validate an entire hardware component or entire platform. Test methods can be combined in a variety of ways to customize your testing. Test primitives can be used to further isolate specific conditions that warrant investigation. User configurable variables alter test execution placing additional control at your finger tips.

The power of the test library is available through the user interface, through scripting (Koizio kScript™), or through the C language interface. Using Koizio kScript™ along with the Koizio Test Library provides high-level control features such as looping, branching, creating new test suites, and other features.

Koizio delivers numerous test suites specific to your embedded design, providing a complete test verification tool that requires no additional effort. Tests suites are available through Koizio's line of test products, which includes kDiagnostics™, kMfgTest™ and kPOST™.

Koizio continues to expand its test library in two ways:

- By working closely with processor and peripheral chip companies to extend our support to include their latest products; and
- By increasing the internal feature set of our test products: kDiagnostics™, kMfgTest™ and kPOST™.

FEATURES

- Core processor related tests: PCI/PCI-X, RAM, SDRAM, Flash, NVRAM, etc.
- Miscellaneous tests: LED, LCD, Real Time Clock (RTC), battery, buzzer, etc.
- Peripheral tests: Ethernet, USB, IDE, Serial ATA, Voice, Modem, 802.11 b/g, UART, etc.
- Full support (read, write, erase) for Flash and other non-volatile memory types.
- FPGA image programming and verification.
- Well documented error codes that are shared across all Koizio products, making fault isolation an easier task to accomplish.

HARDWARE SUPPORT

- Growing support for numerous processor architectures (Intel® XScale®, PowerPC™, etc.).
- Growing support for numerous peripheral chips (AMD, Atheros, Broadcom, Infineon, Intel, Marvell, Matrox, Micrel, NEC, Silicon Laboratories, Texas Instruments, Xilinx, etc.).

GENERAL

- Available on all Koizio diagnostics products: kDiagnostics™, kMfgTest™, kPOST™.
- Includes one year of technical support and full documentation.

ORDERING AND ADDITIONAL INFORMATION

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