

Infineon AURIX™ Support

CPU Support Library for ScanExpress JET



YOU DREAM IT, YOU DESIGN IT, WE TEST IT.

JTAG Functional Test for Automotive and Industrial Embedded Systems

Infineon AURIX family represent the latest in reliable and versatile microcontrollers, featuring embedded CPUs that can be leveraged to test automotive and industrial embedded system functionality across the product life-cycle.

ScanExpress JET™ takes control of the TriCore™ embedded core in AURIX microcontrollers to functionally test, verify, and program SDRAM, NOR Flash, and more to ensure interface integrity and peripheral functionality. JET technology provides convenient system hardware verification throughout the entire product life cycle, even before boot and application code are available.

Ordering Information

Part Number—20750

JET Family Support Package for Infineon AURIX processors.

Part Number—20700

ScanExpress JET Test Development System supporting both test program generation and execution.

At least one family support package must be purchased with the ScanExpress JET Test Development System.

For more information about this product, please visit the ScanExpress JET website at:

www.corelis.com/JET

Standard and Custom Tests

ScanExpress JET can be used to generate a standard set of tests or to create custom test scripts for peripherals connected to the microprocessor.

- **CPU Initialization**—Test basic communication and functions of the CPU.
- **SDRAM Test**—Execute a complete suite of SDRAM tests to identify functional faults at full CPU speed.
- **NOR Flash**—Test, program, and verify NOR Flash at high speeds using a simple JTAG interface.
- **Custom Tests**—The ScanExpress JET development system includes a powerful scripting language and integrated script debugger; write your own test scripts or load compiled code right from the JET integrated development environment.

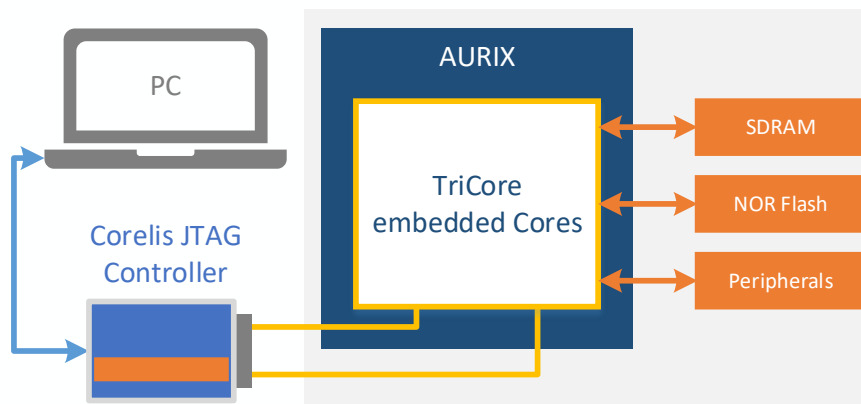


Figure 1. Diagram of a typical system configuration. ScanExpress JET controls the TriCore embedded core to test supported peripheral devices.

Supported Processors

Supported Infineon AURIX part families include TC3xx and TC2xx. Please contact **Corelis sales** for additional part support information.



13100 Alondra Blvd.
Cerritos, CA 90703, USA

US & Canada	+1 888-808-2380
International	+1 562-926-6727
Fax	+1 562-404-6196

Learn More: For more information about Corelis products, please visit www.corelis.com