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The Fastest Verification

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OVERVIEW

ZeBu Applications

- Video / Graphics
- Wireless Application Processor
- Embedded and Multicore SOCs
- Processors and DSPs

ZeBu References

- Reference Customers
- Reference Quotes
- Success Stories

ZeBu-UF Ultra-Fast Emulator

ZeBu-XL System Emulator

ZeBu Demonstration

ZeBu Replicates for Software Development

How ZeBu Works

- ZeBu Software
- ZeBu Interoperability
- Hardware Debugging Features

ZeBu Verification Modes

Application-specific Models and Interfaces

- Synthesizable Memory Models
- Synthesizable HW Transactors
- ARM Hard IP Core Integration
- Hardware Bridges

Additional Product Information

ZeBu-UF Ultra-Fast Emulator



[Request ZeBu-UF Data Sheet](#)

The ZeBu-UF Ultra-Fast Emulator provides a design capacity of up to 6M ASIC gates, thus is an ideal verification platform for debugging logic blocks, IP, FPGAs and small to medium scale ASIC designs. It plugs directly into a standard PCI slot and can be configured with one, two or four Xilinx Virtex-4 LX200 FPGAs, plus up to 512MBytes of on-board memory.

ZeBu-UF also offers two in-circuit emulation interfaces to connect the DUT to a target system and/or software debugger. The in-circuit emulation interface, called DirectICE, is used to connect the emulated design under test to a target system via a maximum of 360 single-ended I/O pins and 26 differential LVDS I/O pins. Another interface, called SmartICE, is used to connect ZeBu-UF to any peripheral with a maximum of 32 I/O pins. Both interfaces can operate concurrently. The DirectICE interface can also be used to accommodate hard cores, such as ARM logic tiles embedded in the DUT.



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