COMET -- Pentium(R) Processor In-Circuit Emulators

Works in Real-time
    Maximum Device Frequencies

Source Code/Symbolic Debug
    OMF-386

Complex Breakpoints

Multi-processor Support (SMP)

Source Code Navigator

Self-diagnostic Test Suite

Remote Control Package (Optional)

Intel ICE-486 Command Language

Address Translation
    Real
    Virtual-86
    BigReal
    Protected
    System Management Mode

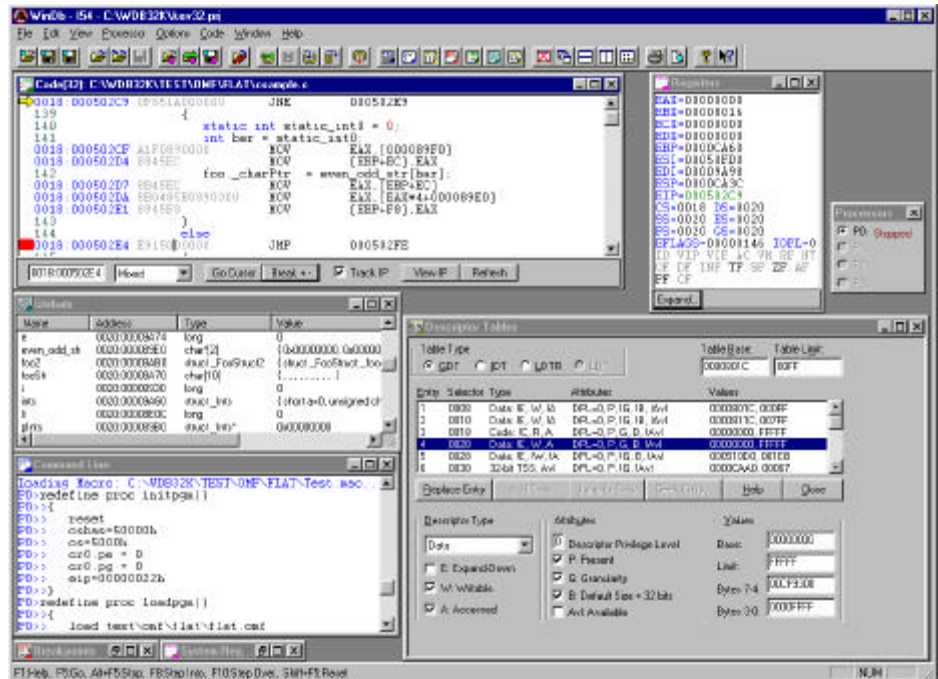**Registers**
    386
    System
    Control
    Debug
    Processor-specific
    Floating Point
    MMX™

Dynamic Page Translation

Real-time Trace
    66 MHz Bus Acquisition
    64K x 207 Bits
    31-bit, 10 ns Timestamp
    16 External Probes (Optional)
    Cache-enabled Disassembly
    Clock & Bus Acquisition Modes
    Integrated C Source and Symbols
    Trace Recording Filters

The *COMET* family of In-circuit Emulators were specifically designed to meet the needs of the embedded software developer, with special attention paid to the 66 MHz real-time trace engine and ultra-accurate breakpoints. In addition to features you would expect to see within a professional engineering tool, American Arium has utilized years of feedback from customers to develop advanced features designed to help get your project done ahead of schedule.

The ECM-54, a portable, low-cost solution which provides processor control through the Intel-defined JTAG debug port. If trace and hardware bus breakpoints are required in the future, the ECM-54 can be upgraded to the TRC-54!

The TRC-54 is a full-featured In-Circuit Emulator which includes American Arium Data Capture Technology (DCT). With DCT, high-speed circuitry aligns processor cycles for reliable bus cycle type, address and data value breakpoints. The data capture rate of 66 MHz ensures you will never miss a bus breakpoint event! The TRC-54 combines sophisticated engineering tools with ease in debugging BIOS, device drivers, and OS kernels.

PROCESSORS SUPPORTED:
Pentium(R) Processor
Pentium(R) Pro Processor
Pentium(R) II Processor

DEVELOPMENT PLATFORMS:
PC, Windows 95, Windows NT

AVAILABILITY:
ECM-54 -- Now
TRC-54 -- Now

CONTACT:
American Arium
14281 Chambers Road
Tustin, CA 92780
Phone: (714)731-1661
FAX: (714)731-6344
eMail: info@arium.com
Contact: Jeff Acampora
          (jeff@arium.com)
WWW: http://www.arium.com

american **arium**