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TECHNOLOGY GROUP

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Find the *Intel / Wind River VisionPROBE II* at our website: *Click HERE*

WindRiver

visionPROBE

Driven by a state-of-the-art PowerPC microprocessor, visionPROBE II represents a dramatic performance improvement over the first generation product. visionPROBE II provides a fully integrated hardware assisted and software development tool that addresses your product's entire development cycle, from board bring-up to debug and production test.

I'd like more information

Datasheet



Flexible Connection to your target system hardware from UNIX Workstations or Windows PC based platforms; remote operation over LAN is also supported.

Fast Download! Measured speed of 600 Kbytes/sec (BDM) and 100Kbytes/sec (JTAG). Speed you need* to cut development time!

For stable target systems or software development platforms equipped with ethernet hardware, such as our:

- Modular Development Platform
- Single Board Computers

the ***new!*** visionWARE utilities can also be used to load memory images.

In very large applications (VLA) the ability to use a TCP/IP network to "blast" a new application image to your target at LAN speed offers a substantial* leap in developer productivity.

* Consider the average number of re-link, load and go cycles that occur daily and the number of engineers performing this task.

Target Hardware Control [BDM/JTAG]:

- start/stop target processor
- set internal hardware and software breakpoints
- take a target snapshot
- reset the target
- step one statement / instruction into function calls
- step over a function call
- step out of a function

RTOS Awareness



visionPROBE is seamlessly integrated with both Tornado/VxWorks and pSOSystem providing a hardware-assisted High-Level Language source and machine-language debugging environment exposing machine state detail at: system, task and function levels.

API support for proprietary Real-Time Operating Systems.

Our RTOS API kit enables support of proprietary (non-commercial) and unsupported RTOSs by extending visionCLICK's functionality. It facilitates your ability to obtain detailed information on any RTOS object and automatically display the RTOS object in the visionCLICK Symbol Explorer Window.

visionCLICK is a high-level debugger included with every visionPROBE purchase and offers an intuitive user-interface. visionCLICK high-level debugger offers extended capabilities, such as:

Statistical Performance Analysis will graphically identify system bottlenecks and resource over-consumption. Profile your software's performance and view a symbolic display, either in chart or histogram format. Quickly identify what candidate functions which offer best return-on-investment by continuing algorithm optimization.

Internal Register Configuration Utility - Automatically configures SIM registers for you and offers a friendly way to quickly make changes. No need to consult a voluminous databook for bit definitions with our extensive on-line help. View example here.

Flash Memory Programming for all popular devices. A time-saver for the software developer and Production / Manufacturing / Test department(s). The need to socket Flash or pull and burn new revisions is eliminated.

Built-in Hardware Diagnostics - including a comprehensive suite of RAM tests, bus tests, scope loops, and CRC checks.

Open Test API supports writing custom production test and repair diagnostics.

Processor Support

SILICON VENDOR	PRODUCT	
	visionPROBE	visionPROBE-II
MOTOROLA	PowerPC® 5xx 6xx 7xx 8xx ColdFire® 5202, 5204, 5206, 5206e 5307 CPU-32 68330, 68331, 68332, 68333, 68336, 68338, 68340, 68341, 68349, 68360, 68376, 68396	PowerPC® 5xx 6xx 7xx 8xx PowerQUICC -I 860 PowerQUICC -II 8240 PowerQUICC -II 8260 ColdFire® 5202, 5204, 5206, 5206e 5307, 5407
IBM		PowerPC® 403GCX, 405GP
Intel		XScale

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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