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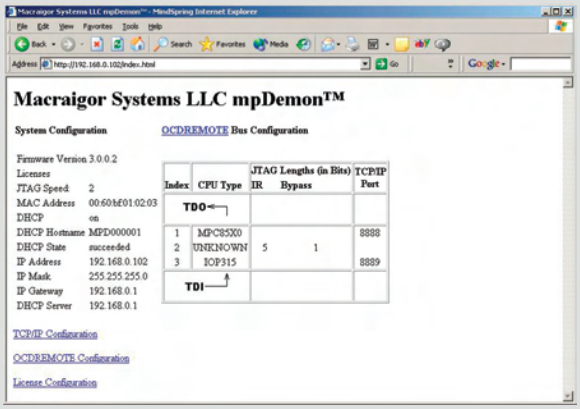
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mpDemon™



The mpDemon is Macraigor's fastest and most versatile OCD interface device for use in the design, debug, and programming of microprocessor and microcontroller based embedded systems. The mpDemon allows the user to select Ethernet, parallel, or serial connection to the host. The mpDemon supports configurable BDM / JTAG clock rates between 4.5 KHz and 18 MHz, providing very fast code download and responsive debugging.

List Price: $1800



mpDemon web page configuration screen for GDB Remote showing two different processors and one other device (such as an FPGA) on the same JTAG scan chain.

Macraigor
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Macraigor Systems
Complete JTAG Debug Support

Features

- LED status indicators
- IEEE 1284 Parallel Port supporting all modes
- 10-BaseT Ethernet Port
- RS-232 Serial Port
- Support for scan chains with up to 255 devices, all may be debugged
- DHCP support
- DHCP name server support (by default "MPD<last 6 digits of MAC address>")
- Configuration via HTTP web page or serial port
- Ethernet GDB Remote protocol support
- Eighteen inch target interface cable
- Firmware is field upgradeable
- Auto sensing of target voltage down to 1.8 V
- Interchangeable personality modules allow easy, inexpensive changes of target processor
- API compatible with all other Macraigor connection devices
- Small footprint - 3.5 x 5 inches

Supported Debuggers and Tools

The mpDemon is fully compatible with all of Macraigor's software tools, including our free OCD Commander debugger, free GNU toolkit distributions, OCD Flash Programmer application, and our production line test tools.

In addition, several commercial third-party debuggers interface to the mpDemon. A partial list of our debugger partners includes:

- Accelerated Technology/ Mentor Graphics
- Allant (ARM)
- Arc (Metaware)
- Altium
- DDC-I
- Green Hills Software
- IAR Systems
- Metrowerks
- Microcross
- Microsoft
- Paradigm Systems
- Red Hat
- Viosoft

For a complete list of compatible debuggers, please visit our web site.

Supported Processors

AMCC:	PPC405, PPC440
AMD:	SC520, Athlon, Duron, AU1000, AU1100, AU15x0
ARM:	7TDMI, 710T, 720T, 740T, 9TDMI, 920T, 922T, 940T, 946T, 1136J-S
Broadcom:	BCM1250, BCM7115
Freescale:	MC9328MX1, MPC603e, MPC8xx, MPC5xx, MPC5554, MPC740, MPC745, MPC750, MPC755, MPC8240, MPC8245, MPC8247/8248, MPC8250, MPC8255, MPC8260, MPC8264/65/66, MPC8270/71/72, MPC8280, MPC8540, MPC8560, MPC8541,MPC8555
IBM:	PPC603e, PPC740, PPC750
IDT:	RC323xx
Intel XScale® Technology:	PXA21x, PXA25x, PXA26x, PXA27x, IOP3xx, IXC1100, IXP42x, IXP46x, IXP24xx, IXP28xx, 80200, 80219, 8032x, 8033x
MIPS:	4Kc/p/m/e, 5Kc
NEC:	VR5432, VR5500
Net Silicon:	NetARM+10, NetARM+40, NetARM+50, NS7520, NS9750
PLX:	IOP480
Phillips:	PR1900
Toshiba:	TX49
Triscend:	A7

For a more complete and up to date list of supported processors, please visit our web site.

Macraigor Systems LLC

www.macraigor.com • Sales Inquiries: 206-855-9269

Macraigor Systems is a leading supplier of BDM/JTAG connection solutions for on-chip debugging of 32 and 64-bit embedded microprocessors. Macraigor Systems' solutions are designed for price-sensitive customers. These solutions include a suite of software tools that supports Windows 9x, NT, ME, XP, Linux and Solaris host systems. Macraigor Systems supports all major embedded microprocessor architectures, including AMD, ARM, ColdFire, CPU32 Series, PowerPC, MIPS and the XScale microarchitecture.

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