

# SIGNUM SYSTEMS Programmers and Debuggers



## ARM - XSCALE EMULATORS AND DEBUGGERS

RoHS Compliant This product is RoHS compliant.

JTAGjet, a real-time, transparent in-circuit debugger based on the JTAG boundary scan port. It features High-Speed USB 2.0 port connection to offer maximum communication speeds and convenience. JTAGjet comes with the powerful Chameleon Debugger software.



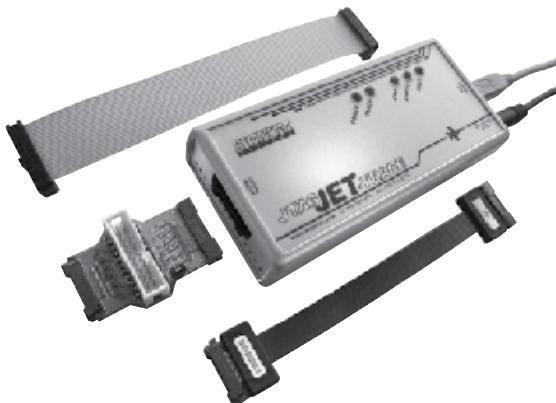
### Specifications:

- Support for ARM7, ARM9, ARM11, Cortex, MPCore, XScale, Sitara, Stellaris, DaVinci, OMAP, OMAP2, OMAP3 and TMS320 DSPs from Texas Instruments.
- Ultra-fast downloads exceeding 1 MByte/sec
- USB 2.0 (480Mbps) connection to host PC
- Compatible with all major ARM debuggers
- Compatible with Code Composer Studio (TI)
- Smart Flash Programmer
- JTAG chain Device Detection
- Variable (up to 30 MHz) and Adaptive JTAG clock
- Auto-sensing JTAG voltage

MOUSER STOCK NO.	Signum Systems Part No.	Description	Price Each
<a href="#">900-JTAGJET-ARM</a>	JTAGjet-ARM	JTAG emulator for ARM7/9, Chameleon Debugger and Keil $\mu$ Vision3 driver	1500.00
<a href="#">900-JTAGJET-ARM11</a>	JTAGjet-ARM11	JTAG emulator for ARM7/9/11, Chameleon Debugger and Keil $\mu$ Vision3 driver	2100.00
<a href="#">900-JTAGJET-TRACE-1M</a>	JTAGjet-Trace-1M	JTAG emulator for ARM7/9/11 & Cortex with 1M trace buffer and Chameleon Debugger and Keil $\mu$ Vision3 driver	3800.00
<a href="#">900-JTAGJET-TRACE-2M</a>	JTAGjet-Trace-2M	JTAG emulator for ARM7/9/11 & Cortex with 2M trace buffer and Chameleon Debugger and Keil $\mu$ Vision3 driver	4000.00
<a href="#">900-JTAGJET-TRACE-4M</a>	JTAGjet-Trace-4M	JTAG emulator for ARM7/9/11 & Cortex with 4M trace buffer and Chameleon Debugger and Keil $\mu$ Vision3 driver	4500.00
<a href="#">900-JTAGJETTRACECM3</a>	JTAGjet-Trace-CM3	JTAG emulator for Cortex-M3 with 1M ETM trace buffer and Chameleon Debugger and Keil $\mu$ Vision3 driver	1500.00
<a href="#">900-JTAGJETTRACECM32</a>	JTAGjet-Trace-CM3-2	In-Circuit Debugger for Cortex-M3 devices with 2M ETM trace memory, Chameleon Debugger & Keil $\mu$ Vision driver	2000.00
<a href="#">900-JTAGJETTRACECM34</a>	JTAGjet-Trace-CM3-4	In-Circuit Debugger for Cortex-M3 devices with 4M ETM trace memory, Chameleon Debugger & Keil $\mu$ Vision driver	2500.00
<a href="#">900-JTAGJET-XSCALE</a>	JTAGjet-XScale	JTAG emulator for XScale PXA25x/270 and IXP4xx and Chameleon Debugger	1900.00

## OMAP AND DSP EMULATORS

JTAGjet-Trace, a real-time, transparent in-circuit debugger with a real-time trace buffer. Supports all ARM7, ARM9, ARM11, Cortex, OMAP, OMAP2, OMAP3 devices equipped with the Embedded Trace Macrocell (ETM) at speeds of up to 400 MHz. Available with trace depths of 256K, 1M, 2M and 4M frames and each frame is time-stamped with CPU cycle accuracy. For more information, see the PDF brochure above.



### Specifications:

- Up to 400 MSamples/sec trace acquisition speed (up to 400 MHz CPU speeds)
- Support for all ARM7, ARM9, ARM11, Cortex, OMAP, OMAP2 and OMAP3 cores equipped with ETM trace logic
- Availability with 256K, 1M, 2M and 4M frame trace buffers
- Support for 4, 8 and 16-bit wide trace busses
- 56-bit time stamp with CPU cycle accuracy
- Easy access to all ETM modes, triggers and filtering
- Available with a standard Micror-38 target connector or 20-pin Cortex connector
- Quiet operation—no fans or exposed heatsinks
- Plain JTAG adapter for boards without ETM

MOUSER STOCK NO.	Signum Systems Part No.	Description	Price Each
<a href="#">900-JTAGJET-470</a>	JTAGjet-470	JTAG emulator for TMS470 (ARM7) MCUs, CCStudio drivers and Chameleon Debugger	1500.00
<a href="#">900-JTAGJET-DAVINCI</a>	JTAGjet-DaVinci	JTAG emulator for TI DaVinci with Chameleon Debugger for ARM7/9, CCStudio drivers and eSOL eBinder driver.	2500.00
<a href="#">900-JTAGJET-OMAP3</a>	JTAGjet-OMAP3	JTAG emulator for OMAP3, DaVinci and TMS320 DSPs w/ Chameleon Debugger for ARM7/9/11 and Cortex-M/R/A, CCStudio drivers and RDI drivers. Comes with TI-14, cTI-20 and ARM-20-LV JTAG probes.	2800.00
<a href="#">900-JTAGJETTRACEOMAP</a>	JTAGjet-Trace-OMAP	JTAG emulator for TI OMAP devices with 4M trace buffer, Chameleon Debugger for ARM7/9/11/Cortex and CCStudio drivers.	5200.00
<a href="#">900-JTAGJET-CCS</a>	JTAGjet-CCS	JTAG emulator for TI C2000, C5000, C6000 devices. Includes: CCStudio drivers and 14-pin JTAG header	995.00

## TMS320C2000 EMULATORS AND DEBUGGERS

The cheetah of all ARM emulators. If you are tired of waiting for the downloads or for Flash programming to finish, this emulator is for you. Our USB 2.0 JTAGjet offers download speed exceeding 1 MBytes/sec\*! Say "Bye-Bye" to the sub-100 Kbyte/sec. performance you get with the sluggish USB 1.1 emulators.

\* Actual speed 1.062 MByte/sec. tested with ARM Evaluator 7T board and 600 MHz Pentium III PC with USB 2.0 Port. Faster PCs may yield faster downloads.

### Specifications:

- High-speed UAB 2.0 connection to PC
- 1 MByte/sec downloads to target
- Supports all ARM7, ARM9, ARM11, Cortex, MPCore, XScale, DaVinci, OMAP, OMAP2 and OMAP3 devices
- Real-time trace (ETM) support
- Chameleon Debugger for ARM7, ARM9, ARM11, Cortex, MPCore, XScale, DaVinci, OMAP, OMAP2 and OMAP3.
- Integrated Flash and FPGA Programmer
- Compatible with all major ARM Debuggers



MOUSER STOCK NO.	Signum Systems Part No.	Description	Price Each
<a href="#">900-JTAGJET-C2000</a>	JTAGjet-C2000	JTAG emulator for TI C2000 MCUs. Includes: CCStudio drivers and 14-pin JTAG header	595.00
<a href="#">900-JTAGJET-C2000F</a>	JTAGjet-C2000F	JTAG emulator for TI C2000 MCUs. Includes: CCStudio drivers, 14-pin JTAG header and Flasher-C2000	795.00
<a href="#">900-JTAGJETC2000FISO</a>	JTAGjet-C2000F-ISO	JTAG emulator for TI C2000 MCUs. Includes: CCStudio drivers, isolated 14-pin JTAG header and Flasher-C2000	995.00
<a href="#">900-JTAGJET-C2000ISO</a>	JTAGjet-C2000-ISO	JTAG emulator for TI C2000 MCUs. Includes: CCStudio drivers and 14-pin isolated JTAG header	795.00