

Ashling Opella-XDS560

Ultra-high-speed Debug Probe for Texas Instruments' DSP Platforms

Ashling's **Opella-XDS560 JTAG Debug Probe**, supplied and supported by Arcadi Systems, is an ultra-high-speed Debug Probe for embedded development on Texas Instruments' (TI) DSP and embedded-microprocessor platforms. Opella-XDS560 is designed to work with TI's **Code Composer Studio™** (CCStudio™) IDE and seamlessly plugs into the CCStudio environment. You can conveniently and quickly debug your application code actually running on your target system. Opella-XDS560 provides full support for all CCStudio hardware-debug features including program download, breakpoints, memory and register access and source-level program control (go, halt, step).

Advanced features of Opella-XD560 include:

- Fast, easy-to-install USB 2.0 High-Speed Interface (480Mb/s)
- Support for all TI device families, including OMAP™, DaVinci™, TMS320C6000™, TMS320C5000™, TMS320C2000™ and TMS470™
- Wide target voltage range: 0.5V to 5.0V. Opella-XDS560 detects and automatically configures for the appropriate target voltage
- Real-time, non-intrusive breakpoints and event triggering
- Code download speeds at over 500KB/s (using high-speed USB2.0)
- High-speed Real-Time Data eXchange (RTDX) support (allows rapid data transfer between host and target non-intrusively in real-time). RTDX data rates of over 2MB/s are supported.
- Target JTAG clock rates from 500 kHz to 35MHz with full support for adaptive clocking (RTCK) of debug data from target
- 14-pin and 20-pin (compact TI) JTAG target connectors supported
- Front-panel LEDs show Power, USB and Target status
- Full support for TI's DBGJTAG low-level JTAG test utility (supplied with CCStudio)



Device Support

Texas Instruments TMS320DM643x, TMS320C672x, TMS320C674x, TMS320C54x, TMS320DM64x, OMAP-Lx, TMS320C647x, TMS320C67x, TMS320DM644x, TMS320C642x, TMS320C55x, TMS320DM646x, OMAP35x, TMS320C645x, TMS320DM3x digital signal processor and embedded microprocessor families

System Requirements

- PC running Windows™ XP or Vista
- TI Code Composer Studio™ v3.3 or later
- High-speed USB2.0 port (full-speed USB1.1 also supported)

Order Codes

Product	Order Code
Opella-XDS560 JTAG Debug Probe. Includes 14-pin target probe cable, AD-CTI-20 20-pin Adapter, USB 2.0 cable, power supply, getting-started guide and CD with User Manual and CCStudio software drivers	Opella-XDS560
Compact 20-pin Adapter converts 14-pin target probe cable to 20-pin format. Included with Opella-XDS560	AD-CTI-20

Ashling Microsystems Ltd. reserves the right to alter product specifications at any time and without notice

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