

In-circuit debugging probes

I-jet

I-jet is a slim JTAG hardware debug probe; it connects via USB to the PC host running Windows. I-jet integrates seamlessly into IAR Embedded Workbench and is fully plug-and-play compatible.

Key Features

- Supports ARM7/ARM9/ARM11 and Cortex-M/R/A cores
- Seamless integration into the IAR Embedded Workbench IDE (IAR Embedded Workbench for ARM version 6.30.8 or later)
- Fully plug-and-play compatible
- Hi-speed USB 2.0 interface (480Mbps)
- No power supply required, powered entirely by the USB port
- Target power of up to 400mA can be supplied from I-jet with overload protection
- Target power consumption can be measured with ~200µA resolution at 200kHz
- JTAG and Serial Wire Debug (SWD) clocks up to 32MHz (no limit on the MCU clock speed)
- Serial Wire Viewer (SWV) with UART and Manchester encoding
- Support for SWO speeds of up to 60MHz
- Embedded Trace Buffer (ETB) support
- Download speed of up to 1MByte/sec
- Automatic core recognition
- Support for multiple JTAG devices with automatic chain detection and graphical display
- Direct download into flash memory of most popular microcontrollers
- Support for JTAG adaptive clocking (RTCK)
- Automatic JTAG/SWD detection
- JTAG voltage measurement and monitoring
- Supports target voltage range from 1.65V to 5V
- Standard MIPI-20 and MIPI-10 JTAG cables are included
- ARM-20 (0.1in x 0.1in) JTAG adapter is included

For more product information,
visit www.iar.com/ijet

