

IAR J-Trace for ARM Cortex-M

Trace probe for ARM Cortex-M3/M4

IAR J-Trace for ARM Cortex-M is a high speed hardware trace probe developed from ground-up for ARM Cortex-M3/M4; it connects via USB to the PC host running Windows. IAR J-Trace integrates seamlessly into IAR Embedded Workbench and is fully plug-and-play compatible, and in addition very easy to use.

General features

- USB-driven JTAG/SWD and Trace (as defined by ARM) interface
- Supports all Cortex-M3/M4 devices with ETM
- No power supply required, powered through USB
- SWD/JTAG speed up to 20 MHz
- USB 2.0 full speed (12 Mbit/sec)
- Target voltage can be measured
- High download speed
- Fully J-Link compatible
- 20-pin standard JTAG connector, 19 pin standard ETM v3 trace connector
- USB A-B, 20-pin flat JTAG cable and 19 pin flat trace cable included
- Full integration with C-SPY Debugger; advanced debugging features available from C-SPY
- Integration into IAR Embedded Workbench for ARM makes setup and use easy

Trace features

- Trace supports up to 200 MHz
- Trace based on ARM ETM v3/CoreSight
- 4Mbyte trace memory buffer
- Compact housing, fits easily on the desk
- Silent, fan-less design
- Trace window synchronizes to source and disassembly window
- Function trace shows called functions hierarchically
- SWV output via SWO or Trace port

For more product information, visit www.iar.com



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