



## RED PROBE

Red Probe is a high speed USB debug probe specially designed for use with ARM-based Microcontrollers.

Featuring complete integration with Red Suite, Red Probe allows high speed download to RAM and direct programming of on-chip Flash.

When used with Cortex-M3 targets, built-in support for SWV allows full support for data trace, instruction and exception profiling and application sourced diagnostics.

Together with Red Suite, Red Probe provides a complete development and debug environment for ARM-based microcontrollers

## Red Probe™

JTAG/SWD Debug Probe for ARM® based Microcontrollers



## Features

- USB 2.0 full-speed.
- Self powered from USB host.
- Wide target voltage range: 1.5V - 3.5V.
- Switchable protocol support:
  - ARM JTAG SWD, and SWV.
- Multiple standard JTAG connectors:
  - 20-pin 0.1" pitch, 10-pin 0.05" pitch (1.27mm) pitch, and 20-pin 2mm pitch.
- Programmable JTAG clocking.
- Programmable SWV capture.
- Support for Hardware and Software Breakpoints.
- Integrated high-speed FLASH programming with Red Suite.
- One of the fastest download and FLASH programming algorithms in the industry:
  - Up to 300k bytes/s download to RAM,
  - Up to 20k bytes/s flash programming.
- Fully integrated with Red Suite.
- Priced at \$150



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