



## RED SUITE 3

### NXP Edition

Red Suite 3 NXP Edition is the low-cost upgrade for the popular LPCXpresso IDE featuring higher download limits, support for a wider range of LPC parts, and additional functionality over the free product.

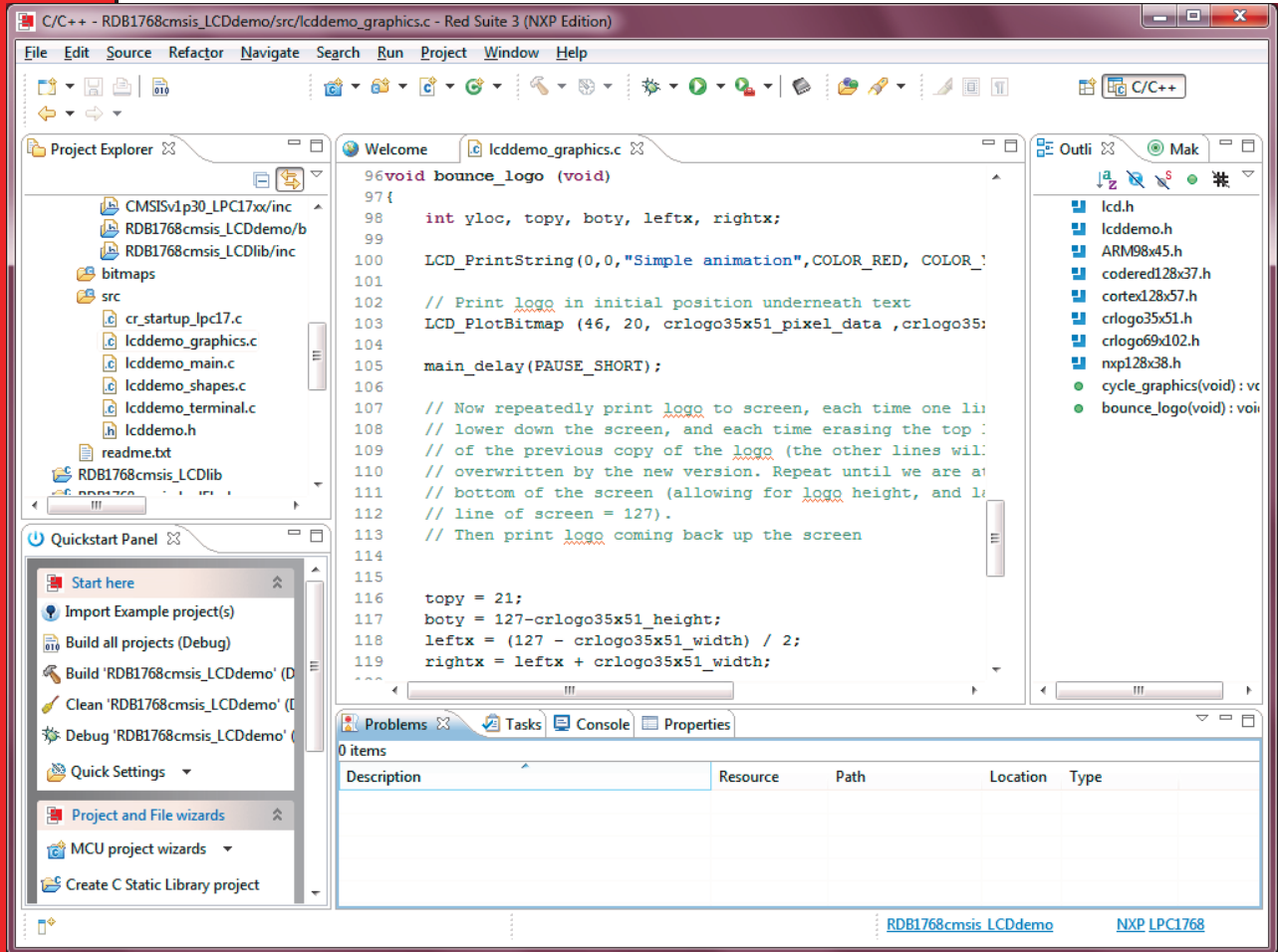
Available in 256k or 512k versions, Red Suite 3 NXP Edition features an enhanced version of the highly integrated software development environment provided with the LPCXpresso IDE, and includes all the tools necessary to develop high quality software solutions in a timely and cost effective fashion.

The Red Suite 3 IDE is based on the latest version of Eclipse with many ease-of-use and Microcontroller specific enhancements. It also features the industry standard GNU tool-chain allowing us to provide professional quality tools at low cost.

# Red Suite™ 3 NXP Edition

Development tools for NXP® LPC® Family Microcontrollers

Low-cost upgrade for users of LPCXpresso IDE



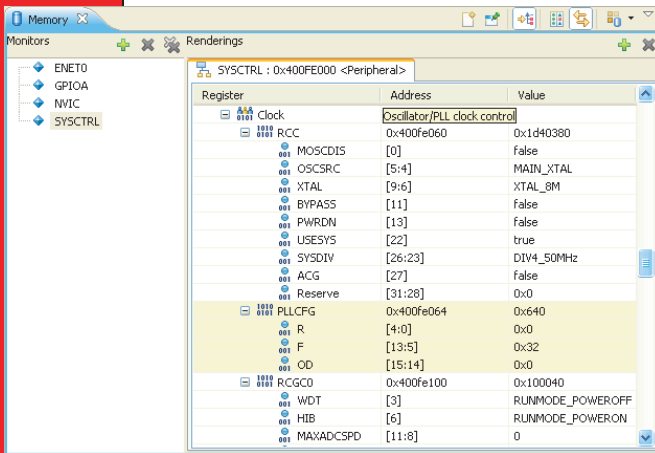
## KEY BENEFITS

- Low cost upgrade for LPCXpresso users:
  - **\$256 for 256k** download limit, **\$512 for 512k** download limit
- Device-specific support for NXP LPC11/13/17, LPC21/22/23/24 and LPC29/31/32.
- Sophisticated Eclipse-based Integrated Development Environment.
- Unique Red Trace capabilities giving unprecedented visibility into microcontroller execution.
- Integrated Flash Programmer
- Wizards to create microcontroller programming frameworks, fast.
- Peripherals views of all supported microcontrollers.
- Full support for both JTAG and low-pin count SWD debugging via Red Probe and LPC-Link
- No-fuss, single install for complete product.
- Includes 90 days of email-based support with each purchased copy of the tools.
- Available for Windows XP and Windows Vista, Windows 7, 32-bit and 64-bit

# Features

## PERIPHERAL VIEWS

The peripheral viewer provides complete visibility of all registers and bit-fields in all target peripherals in a simple tree-structured display.



Peripheral View

The Red Suite Integrated Development Environment (IDE) provides a C/C++ programming environment second to none, with syntax-coloring, source formatting, function folding, online and offline integrated help, extensive project management automation and integrated source repository support (CVS integrated or Subversion via download).

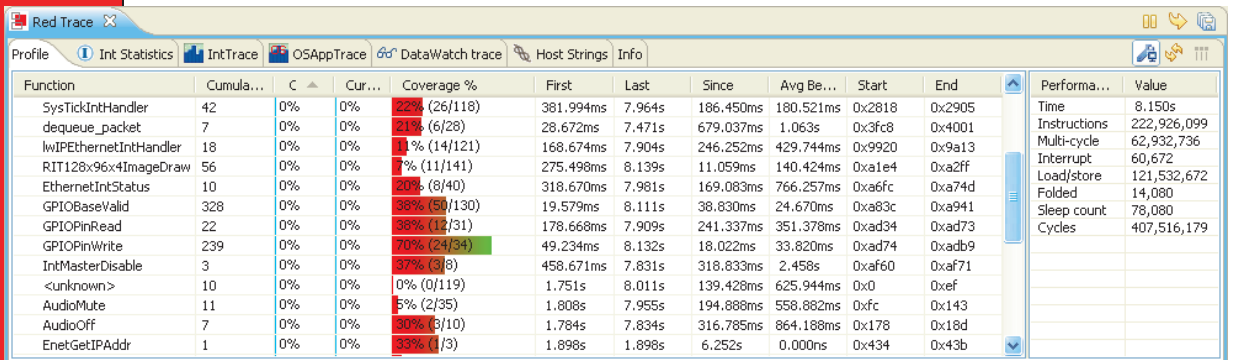
Features include:

- Wizards create projects for all supported microcontrollers
- Automatic linker script generation including support for microcontroller memory maps
- Direct download to flash when debugging
- Inbuilt Flash programmer
- Built-in datasheet browser

## RED TRACE

When used with Red Probe on Cortex-M3 based Microcontrollers, the integrated Red Trace functionality gives the developer an unprecedented level of visibility into what is really happening on the target device.

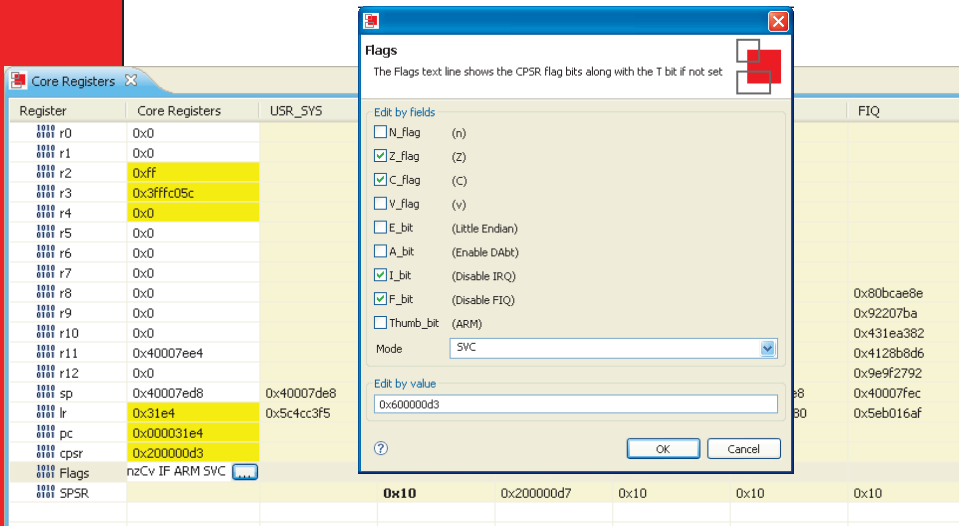
Unlike traditional trace solutions, Red Trace gathers trace data non-intrusively while the target application continues to run at full speed.



Profile Trace

## REGISTER VIEW

A powerful processor-register viewer is provided that gives access to all processors register and provides smart formatting for complex registers such as flags and status registers.



ARM7 Register View and Flags editor



Code Red Technologies Inc: 1119 Diamond Street, San Francisco, CA 94114  
Code Red Technologies Ltd: 18 Gog Magog Way, Cambridge, CB22 5BQ, England

Tel: US Office: +1 415 420 2467; EU/UK Office +44 1223 515 768  
Email: information@code-red-tech.com Web: www.code-red-tech.com