LOGIC

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LogicLoader™ BOOTLOADER / MONITOR

For SH / ARM / ColdFire Achitectures

The LogicLoaderTM (bootloader/monitor) provides the capability for loading both operating systems and applications. In addition, it provides a full suite of commands for configuring hardware platforms, in-field device management, hardware debug, manufacturing and test. LogicLoader is a key tool in reducing the time for development, manufacturing, and test. This results in an embedded product development cycle in **less time, less cost, less risk ... more innovation.**

Developing Products is as simple as

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Ⓐ **Application Development Kits**
Ⓑ **Board Support Packages**
Ⓒ **Card Engines**

PRODUCT HIGHLIGHTS

- Ships standard on all System on Modules
- Programmable APIs
- Manufacturing & Test Capabilities
- Source code is available for purchase, please contact Logic Sales for more information.

CUSTOMER SERVICE

Logic provides technical support for Application Development Kits. Various support packages are available; contact us for more information.

CONTACT

For more information on our Embedded Product Solutions, please contact Logic Sales at www.logicpd.com or 612.672.9495.

- **LogicLoader Description**
  - Multiform support (SH / ARM / ColdFire)
  - Fully integrated TCP/IP stack with DHCP and TFTP support
  - Supports Compact Flash FAT file system
  - Network bootstrap support including setup and download using bootp
  - Customizable and user extendable
  - Source code available
- **Operating System Bootstrap**
  - Load an operating system (OS) from
    - Compact Flash
    - Resident Flash Array
    - Serial connection
    - Ethernet connection
  - Fully configure a hardware platform for the operating system
    - System on Module initialization
    - Link in custom software functions to initialize hardware before the OS starts
    - Power-on self test capability
  - Load multiple Operating Systems: Linux, Windows CE, etc. See available BSPs.
- **Programmable APIs**
- **In-Field Device Management**
  - Modify boot actions at run-time using LogicLoader"s configuration utilities
  - Remote device management eases debugging and upgrading
- **Hardware Debug**
  - Link in custom test functions to verify custom hardware
  - Use a familiar Unix-like interface for debugging the device
  - Ethernet based download & debug interface for Windows CE
- **Custom Applications**
  - Use LogicLoader to burn and jump to any custom embedded application
  - Link to Logic's libraries or write custom libraries
- **Download Formats**: SREC, ELF, and BIN
- **Manufacturing and Test**
  - Add in custom functional test software for your specific device needs
  - Take advantage of the fast Ethernet connectivity to reduce manufacturing test time
- **System Requirements**
  - Host PC running Windows 2000/ XP with Tera Term or equivalent terminal application

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APPLICATION DEVELOPMENT KITS | BSPs & SOFTWARE | SYSTEM ON MODULES | PRODUCT DEVELOPMENT SERVICES