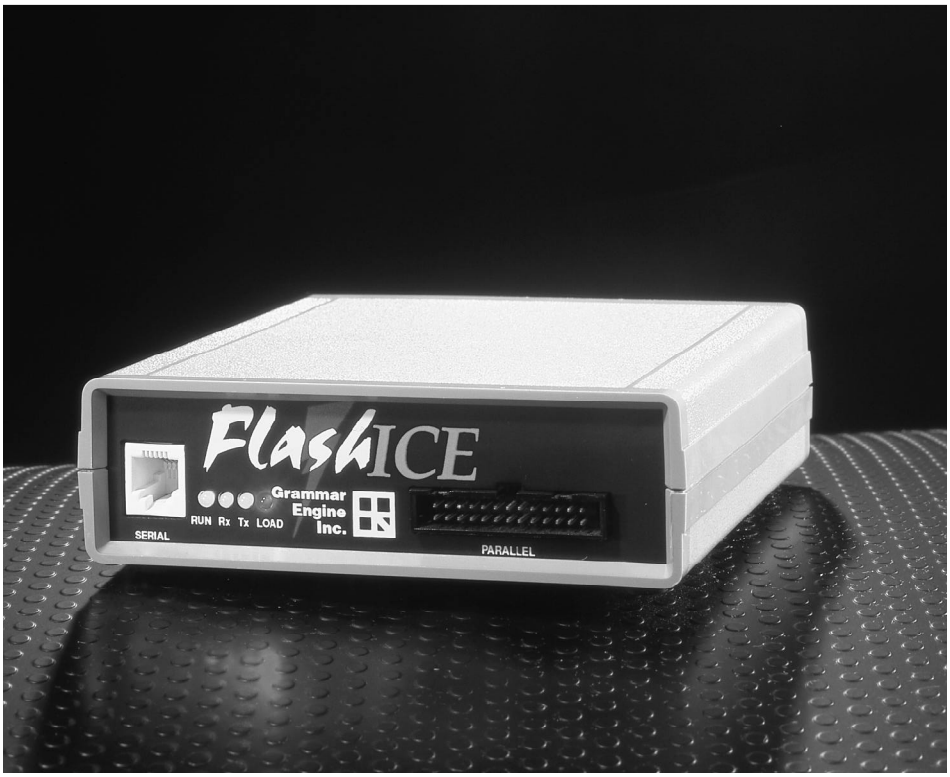
FlashICE

- Emulates Intel Flash memory in real-time
- Emulates Intel Boot Block and FlashFile™ components
- Responds to flash memory programming commands
- Provides ultra-fast code downloads over serial, parallel or Ethernet
- Monitors and verifies flash memory commands
- Profiles flash memory activity per sector
- Simulates system hardware/ software error conditions
- Support for PSOP, SSOP, TSOP and other flash memory footprints
- Support for low power (3V) targets



FlashICE is the only true emulator available for Intel Flash memory. Unlike ROM emulators, FlashICE recognizes and responds to flash memory commands, in real time, exactly like the Intel Flash memory. FlashICE allow firmware developers to compile and download immediately to try out code revisions. FlashICE's high-speed serial, parallel and Ethernet links reduce download times to seconds rather than minutes.

Beyond simple emulation, FlashICE is ideally suited for developing and testing flash memory program/erase routines. These routines update a product's firmware in the field, log data to flash memory or use flash file systems to store data. If these routines are not 100% correct and able to recover fully from any system error condition, a flash update will terminate after partial execution, leaving the flash memory in an unknown state, partially updated firmware and a nonfunctioning product. FlashICE is the only tool available for developers using flash memory to test or analyze the performance of their update routines.

During code execution, FlashICE monitors commands issued to flash memory by target firmware and displays or logs this information to the host. This allows developers to verify that their flash memory update code is correct. The usage of the flash memory (such as writes and erases) can be profiled by sector. This data can be used to project cycling rates for flash memory in a product and to ensure proper wear leveling.

With FlashICE, developers can confidently utilize the full potential of the Intel Flash memory architecture in their embedded designs.

Grammar Engine Inc.

INTEL FLASH MEMORY SUPPORTED:

28F001BX, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SC

AVAILABILITY:

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