

Flite*

- Embeddable software solution for creating a flash disk using Intel's Flash Miniature Cards or PC Cards
- Embeddable software solution for Intel-based resident flash arrays used in low-cost consumer products
- Provides DOS FAT file compatibility for ease of transfer of files to/from desktop PC's
- Provides 100% read & write hard disk emulation
- Complies with the FTL standard, which is endorsed by Intel's Memory Components Division
- Portable source code with simple API for easy use in microcontrollers, even without a native operating system
- ROMable code (only 16K in size), with less than 1.5K-RAM usage

Flite* is a filing system and flash media manager targeted for consumer devices that require file handling capabilities with a need to transfer files/data back to a desktop computer. One of the first, wide-spread uses of Flite will be with a new, very small, removable flash cartridge, called the Miniature Card. Led by Intel, this new card standard offers the capability for low-cost, portable mass storage of images, sound and other digital data.

The key to implementing the Miniature Card or other flash memory storage solutions is the ability to store the information in easily-readable files which can be transferred to any desktop or laptop computer.

M-Systems Flite provides the technology to enable this solution. Flite uses the industry standard Flash Translation Layer (FTL) format which can be read or written on desktop computers configured with widely available FTL software, such as M-Systems own True Flash File System.

Flite software provides:

- Automatic file and flash management
- Advanced wear-leveling for prolonged flash media life
- High reliability in event of power failures or premature removal of the flash media
- Highly portable source code available for use in almost any application.

Flite integrates a DOS FAT file system with the FTL data format standard. FTL provides a layer which makes the flash memory appear as a standard block device which can be written and read just like any hard disk.

M-Systems is the leading provider of flash disk solutions based on Intel Flash memory components. Our industry-standard TrueFFS* technology provides the fastest, most reliable flash disk emulation capability available. It is used in our other products which include flash disk boards, PCMCIA cards, SCSI drives, and DiskOnChip, the worlds smallest disk drive.

INTEL FLASH MEMORY
SUPPORTED:

28F004SC, 28F008SA, 28F008SC,
28F016SA, 28F016SC, 28F016SV,
28F016XD, 28F016XS, 28F032SA,
Series 2 Cards, Series 2+ Cards, Value
Series 100 Cards, Series 100 Miniature
Cards

AVAILABILITY:

Now

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