SCSIFlash™

SCSIFlash™ SCSI1/SCSI250 pin Floppy Drive OEM Emulator to CF (SCSI Emulator for SCSI Drives)

Emulated Disk Sector sizes
256-4096 bytes

DESCRIPTION

The SCSIFlash™ is an integrated solution that utilizes proven SCSI drive architecture and industry-standard Compact Flash Card technology, providing a solid state, drop-in replacement for electro-mechanical hard drives.

The SCSIFlash™ is an industrial OEM grade solid state drive which allows Compact Flash (CF) cards of up to 128GB (host dependant) to be attached to a regular SCSI bus. It will be seen as a SCSI floppy drive by the host computer. The SCSIFlash™ can emulate many SASI, SCSI-1, or SCSI-2 drives and can be programmed to suit the host systems requirement. Emulated Disk Sector sizes can be 256, 512, 768, 1024, 2048, 4096 bytes.

The SCSIFLASH™ PCB allows service providers & OEM's to have a quick, low-cost flash memory solution for their legacy system through our configurable firmware that matches legacy systems software.

Benefit
Ÿ Firmware controlled by SCSI interface is adaptable to hosts' software SCSI drivers
Ÿ Provides a transparent interface from the SCSI bus to solid state Flash
Ÿ Eliminates the problems found in traditional electro-mechanical/magnetic media storage devices
Ÿ Fast, efficient field replacement
Ÿ Lower power consumption, noise and heat
Ÿ Fast write speeds
Ÿ Increased reliability
Ÿ Reduced unplanned downtime
Ÿ No additional software required for operation due to its SCSI data storage/bootable drive

FEATURES

Ÿ Small format PCB converts Compact Flash Media to appear as a floppy drive on a Host's SCSI bus
Ÿ 3.5" form factor PCB which will replace any 3.5" floppy drive or larger drives with adaptor
Ÿ Will fit in a 3.5" disk slot using the same mountings
Ÿ SCSI Host will typically see the device as a disk drive of any emulation
Ÿ Board is low power, using 5V only
Ÿ Microcode is field upgradable via integral USB port
Ÿ Optional integration support available if required

Solid State Disks Ltd manufacture, design & support sales of the SCSIFlash™ drive through our head office in Reading, United Kingdom.

SPECIFICATIONS

Form Factor:
3.5" form factor – 102mm (4") wide x 147mm (5.75") long x 25mm (1") high*   *Note other height options are available

Compact Flash:
Standard 3M header for Type 1 & 2 cards

Power:
5 Volts only @ 0.8 Watt (Typical) + CF requirement

Power connector:
Standard Disk drive type SCSI-1 and 2 Compatible. 50 pin DIL 0.1" Connector

SCSI transfer rate:
10Mbytes/second

USB Port for microcode load and real time diagnostics

Ethernet capability

Master Image (.img) /mirroring capability

Example Magneto Optic emulations:
DEC, Fujitsu, Hitachi, HP, IOMEGA, Konica, Maxoptix, Olympus, Pioneer, Ricoh, SONY, SYQUEST, TEAC.

Example systems available for fixed disk emulations:
Alcatel S12 & 1631, Alcatel-Lucent DACS III/IV, Applied Materials, AMAT, Cannon, DEC VAX, Encore, Evans & Sutherland, HP 9000 series 800, HP 9000 series 500, HP 9000 series 300, HP 1000 A Series, OMTI DTC51, Honeywell Measurex, MX-OPEN, Rosemount RS3, Sun Spark & Siemens EWSD.

Support covers the following Operating Systems:
HP-UX, HP-RTE, HPL, VMS, IRMx, OS/400, OMTI, GCOS, BOSS, VXworks, OS2, DEC VMS, RSTS, OSF, MXopen system QCs, UNIX, Solaris, Symbios Logic, SASI, Heller & VAX.

The SCSIFlash™ is a recognised Trademark of Solid State Disks Ltd.

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