The FT-SCSI is a daughter-card that allows direct connection to SCSI devices. The FT-SCSI supports DMA access to memory allowing concurrent processing and SCSI transfer. The FT-SCSI supports SCSI II fast narrow transfers.

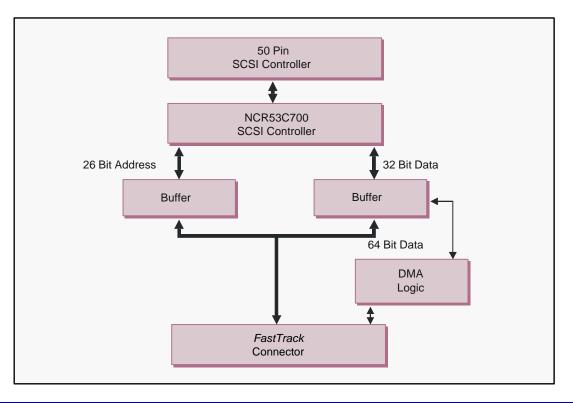


Features

- Uses the NCR 53C700 SCSI controller with an integrated 2 MIPS RISC SCSI scripts processor that operates without processor intervention
- High speed SCSI bus transfers (9.375 MB/sec synchronous, 5 MB/sec asynchronous)
- Full 32 bit DMA bus master
- > Supports variable block size scatter/gather data transfers
- Supports long word data bursts of variable length

Eliminates SCSI I/O initiation latency. The FT-SCSI requires only 500 nsec to initiate data transfer, compared to 2–8 msec typical of other SCSI controllers

- Performs complex bus sequences, including restoring data pointers, without interrupts
- Unique interrupt status reporting reduces interrupt service routine overhead
- > Three SCSI device interface protocols are provided:
 - SCSI Command Descriptor Block
 - Block I/O with SCSI direct access devices
 - Byte I/O with SCSI disks



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