



25Mbps ATM Network Interface Card (NIC) in PCI Form Factor

PRELIMINARY
IDT7M926
IDT7M936

Features

- ◆ Bus Interface: 33MHz, 5V, 32-bit PCI bus version 2.0
- ◆ 25Mbps UTP-3 PHY interface
- ◆ Supports 1K simultaneous transmit / receive connections
- ◆ Supports two ABR SAR variants
 - 77252 (7M926)
 - 77222 (7M936)
- ◆ E² PROM layout for Sub-vendor ID
- ◆ FCC Class B Certified
- ◆ CE Certified
- ◆ Third Party Software partners:
 - Advancenet Systems Inc.
Windows NT™ and Windows 95™ Drivers
406 Timbermill Rd., Durham, North Carolina 27713
(919) 544-5601 (phone) (919) 544-4601 (FAX)
j.harford@ieee.org or
75141,2635@compuserve.com
 - Harris & Jefferies
Novel Netware™ Drivers
888 Washington Street, Dedham,
Massachusetts, 02026
(617) 329-3200 (phone) (617) 329-4148 (FAX)
chrisb@hjinc.com

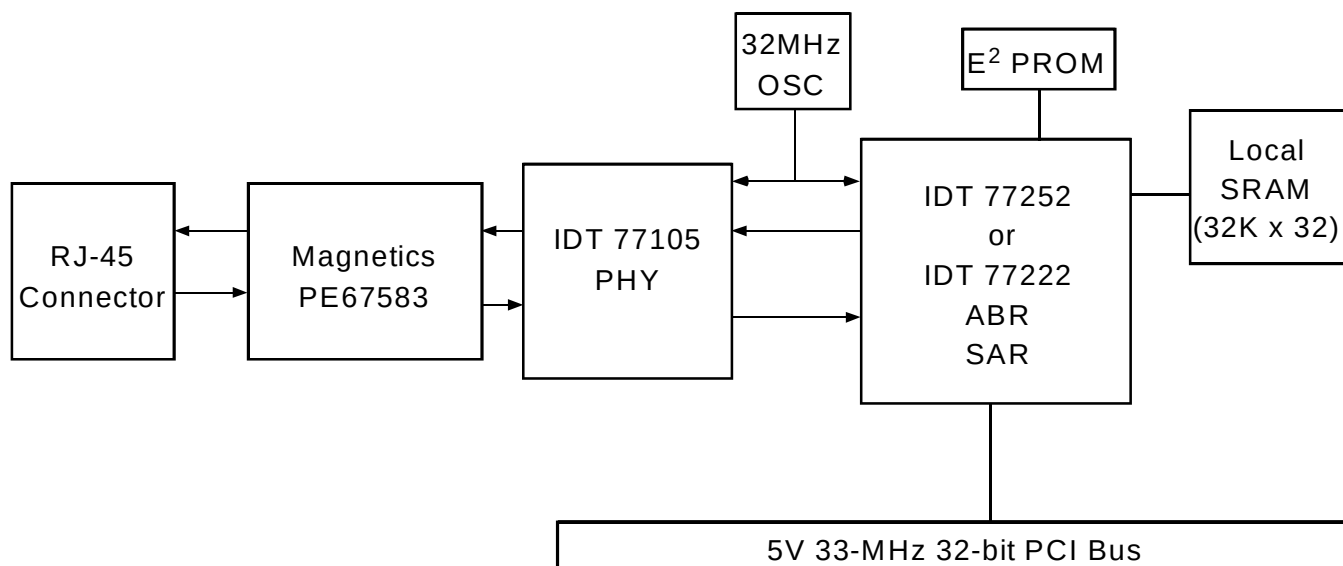
Description

The IDT7M926/936 provides reliable, high performance 25Mbps Asynchronous Transfer Mode connectivity in a PCI card edge Network Interface Card (NIC) form factor. The IDT7M926/936 supports Unshielded Twisted Pair, Category 3 (UTP-3) cabling.

The board supports either the IDT77252 or the IDT77222 ABR Segmentation And Reassembly (SAR) controller. The ABR SAR connects directly to the PCI bus, a private SRAM/EPROM bus, and the Utopia PHY interface. The physical interface utilizes the IDT77105 PHY, providing both Transmission Convergence (TC) and Physical Media Dependent (PMD) layers in one device.

The IDT7M926/936 is designed for use in PCI systems, which may include PC compatibles, MIPS, Alpha, Windows NT systems, and PowerPC Macintosh systems. The IDT7M926/936 features complete PCI 2.0-bus ATM NIC functionality, plugging directly into PCI bus expansion slots.

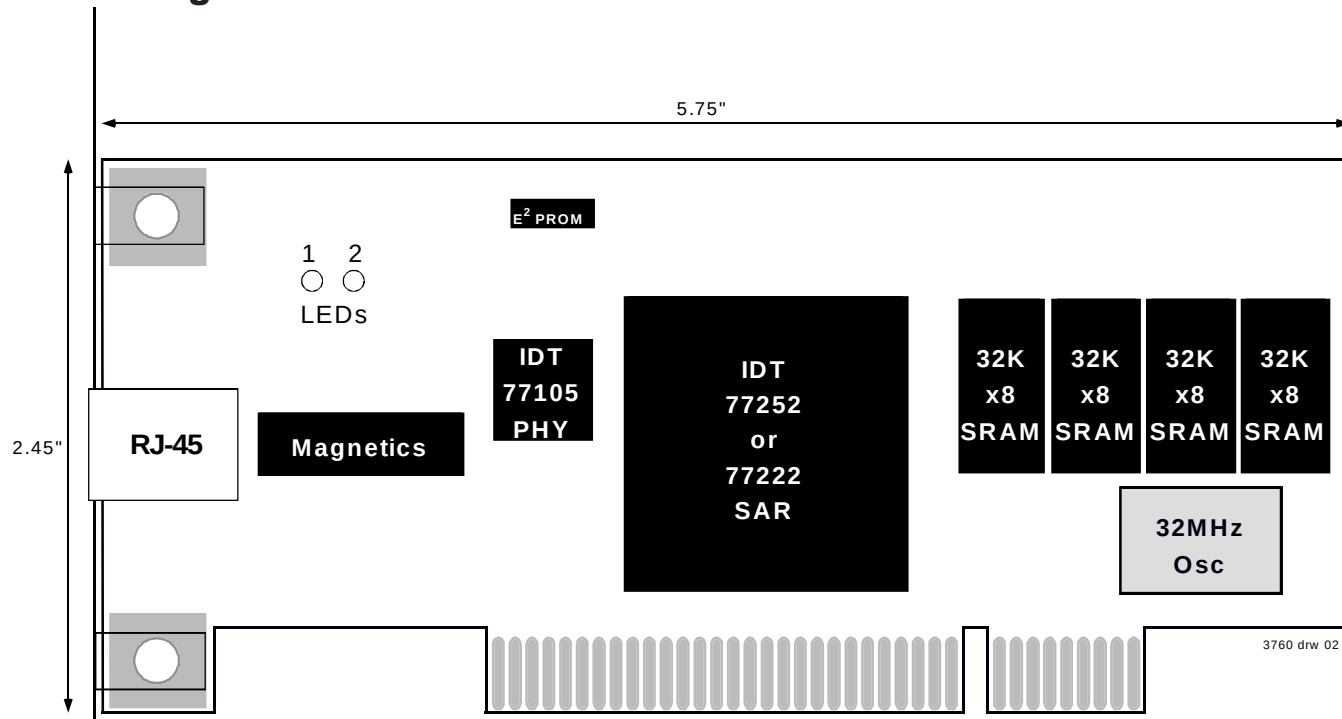
Functional Block Diagram



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JULY 1999

Board Diagram



Ordering Information

IDT	XXXX	XX	XXX	X	X		
	Device Type	Power	Speed	Package	Process/ Temp. Range		
					Blank		Commercial
					M		120 Pin 5V PCI
					Blank		
					S		Standard Configuration
					7M926		25Mbps ATM Network Interface Card (NIC) 77252 Based
					7M936		25Mbps ATM Network Interface Card (NIC) 77222 Based

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