ISA ABP5140

Overview
Bus Master SCSI
Windows 95 Ready

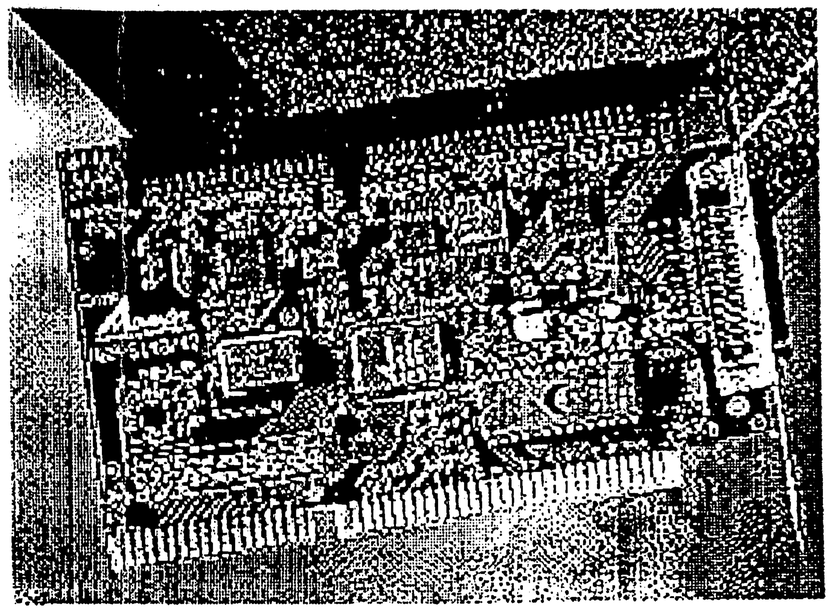
ISA
ABP5140

HIGHLIGHTS
· Windows 95 Ready
Optimized for the multi-tasking environment
Cost effective solution multi-tasking performance
· Easy to Install
Full Plug & Play compatibility
AdvanceWare Automated Installation for Plug & Play systems
SCAM support
No prior PC knowledge required
AdvanceWare menu driven configuaration program
DOS/Windows drivers - autoload program

· The highest performance I/O you can buy
Multi-tasking/Multi-threaded SCSI Bus Master
AdvanSys developed mainframe I/O technology
High-performance Scatter/Gather
· Compatibility designed-in and tested
Internal compatibility testing
· Industry's first Limited Lifetime Guarantee
5 years at 100%, years 6-10 prorated at 20% per year
OVERVIEW
Bus Master SCSI
Windows 95 Ready

Tion 3.0, 4.0)
SCO UNIX (version 4.2 and greater)
Interactive UNIX (version 4.0 and greater)
Linux (version 1.2)
Solaris (version 2.5)

ADVANSYS ISA SCSI CONTROLLER



Highest Reliability
AdvanSys Builds its host adapters to the highest quality standard in ISO-9002 Certified Facilities. A high level of integration helps ensure superior reliability.

This allows AdvanSys to offer the industry's first Limited Lifetime Guarantee. If anything goes wrong with the host adapter, AdvanSys will replace it. (See official Warranty for details)

Special utilities also enhance reliability. AdvansAid "Doctor SCSI" helps the user maintain the function and integrity of the total I/O system.

TECHNICAL SPECIFICATIONS
Computer Bus:
· ISA Bus
Interface Protocol:
· Bus Master DMA
Device Protocol:
· SCSI-2
Device Support:
· Up to 7 SCSI devices
Advanced SCSI Features:
· Multi-tasking, multithreaded I/O, scatter/gather, tagged queuing, disconnect reconnect, synchronous and asynchronous data transfer, Advanced SCSI Programming Interface (ASPI) compliant
Bus Width:
· 16 bit
Host Bus Data Transfer Rate:
· 10 Mbytes/sec synchronous burst on the SCSI bus (Fast SCSI)
· 5 Mbytes/sec synchronous burst onteh SCSI bus
· 3 Mbytes/sec asyncronous on the SCSI bus
Electrical Terminations:
· Single-ended
I/O Hardware:

Installation Overview

The next sections will walk you though the hardware tasks of physically installing the host adapter and the I/O devices. In the Chapter 4 you will be walked through the tasks to customize the setup of the host adapter. The AdvanSCSI will set the standards automatically with the AdvanceWare Installation/Boot Diskette.

ABPXXX Connectors

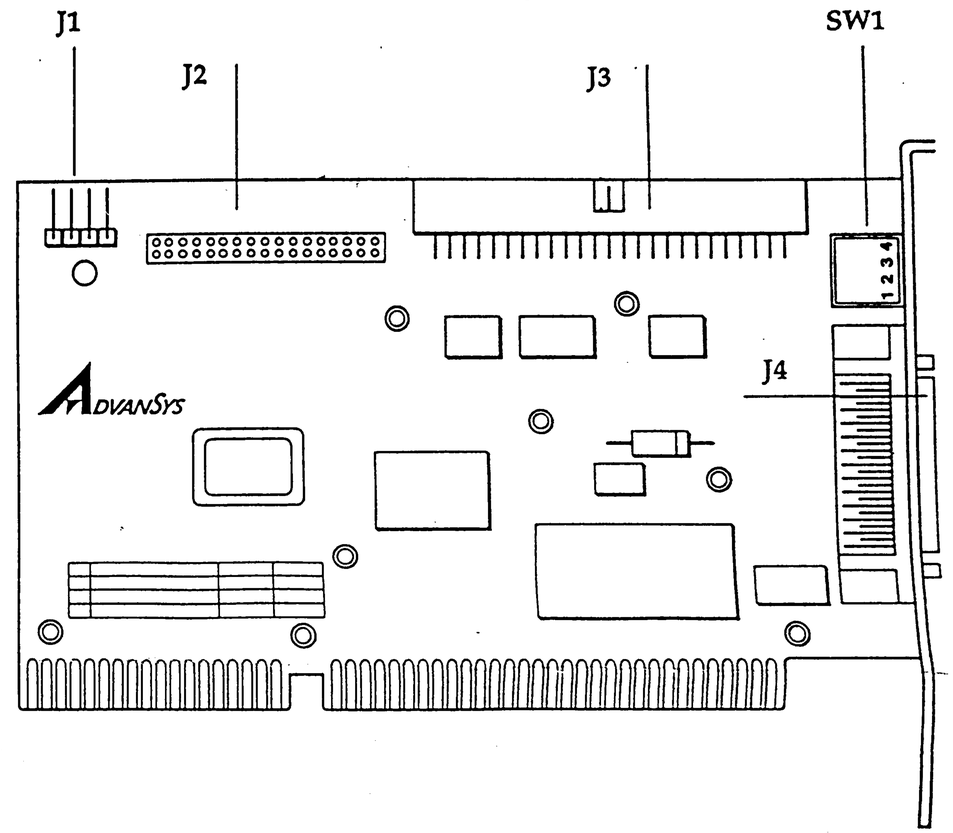
Connectors	Functions
J1	"SCSI Bus Busy" LED Connector Pin 1 & 4: POWER, Pin 2 & 3: SCSI Bus Busy Signal (Active Low)
J2	34-pin Floppy Connector
J3	50-pin Internal SCSI Connector
J4	50-pin External high-density SCSI Connector

ISA External Switch Settings

Switch SW1	Functions	ON	OFF
Position 1	Auto Port Address Increment	Enabled	Disabled *
Position 2	Floppy Control	Enabled *	Disabled
Position 3	Plug and Play Control	Enabled *	Disabled
Position 4	Not Used		

* indicates default setting

Host Adapter Layout



Label	Description
J1	External LED Connector
J2	Floppy Drive Connector
J3	Internal SCSI Connector
J4	External SCSI Connector
SW1	Switch Block