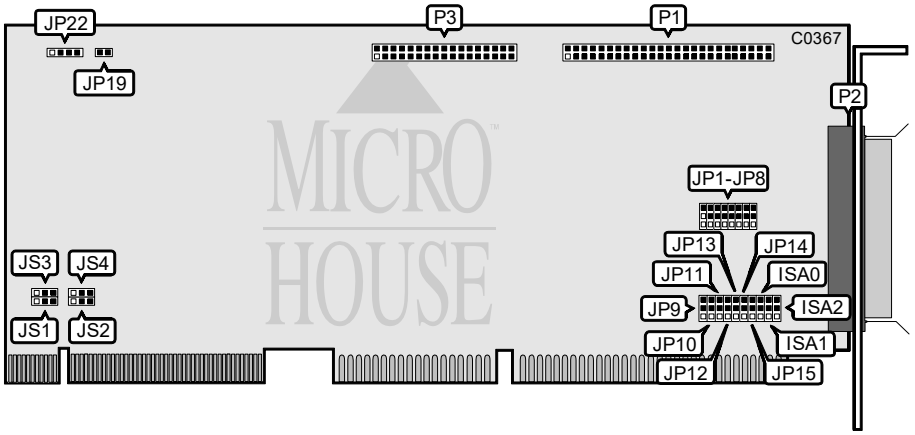
ADVANCED INTEGRATION RESEARCH, INC.
SCSI2V VESA BUS MASTER

Q1/94

Data bus: 32-bit, VL-bus
Size: Three/quarter-length, full-height card
Hard drive supported: Up to seven SCSI devices
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives



CONNECTIONS	
Function	Location
4-pin connector - Drive active LED	JP22
50-pin SCSI connector - internal	P1
50-pin SCSI connector - external	P2
34-pin control cable connector - floppy drive	P3

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive <1GB supported under DOS	JP5	pins 1 & 2 closed
Hard drive >1GB supported under DOS	JP5	pins 2 & 3 closed
í SCSI disconnect enabled	JP9	pins 2 & 3 closed
SCSI disconnect disabled	JP9	pins 1 & 2 closed
í SCSI synchronous negotiation disabled	JP13	pins 1 & 2 closed
SCSI synchronous negotiation enabled	JP13	pins 2 & 3 closed
SCSI auto sense enabled	JP14	pins 1 & 2 closed
í SCSI auto sense disabled	JP14	pins 2 & 3 closed
í SCSI parity check enabled	JP15	pins 2 & 3 closed
SCSI parity check disabled	JP15	pins 1 & 2 closed
í Floppy drive enabled	JP19	closed
Floppy drive disabled	JP19	open

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BIOS ADDRESS		
Address	JP1	JP2
í D8000-DFFFFh	pins 2 & 3 closed	pins 2 & 3 closed
C8000-CFFFFh	pins 2 & 3 closed	pins 1 & 2 closed
D0000-D7FFFh	pins 1 & 2 closed	pins 2 & 3 closed

HOST ADAPTER SELECT		
Address	JP3	JP4
í First adapter	pins 1 & 2 closed	pins 1 & 2 closed
Second adapter	pins 2 & 3 closed	pins 1 & 2 closed
Third adapter	pins 1 & 2 closed	pins 2 & 3 closed

SCSI ADDRESS			
Select	JP6	JP7	JP8
í 7	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
6	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
5	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
4	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
3	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
2	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
1	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
0	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

INTERRUPT REQUEST			
IRQ	JP10	JP11	JP12
9	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
10	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
í 11	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
12	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
14	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
15	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

I/O PORT ADDRESS			
Address	ISA0	ISA1	iSA2
í 338-33Fh	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
238-23Fh	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
138-13Fh	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 cosed
358-35Fh	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
258-25Fh	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
158-15Fh	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

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MOTHERBOARD SPEED SELECT				
Speed	JS1	JS2	JS3	JS4
33MHz or less	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
50MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

MISCELLANEOUS TECHNICAL NOTES

Default settings are shown for use in an ISA machine.

If board is to be used in an EISA machine, set jumpers JP1 to JP15 and ISA0, ISA1, ISA2 - to pins 1 & 2 closed. An EISA configuration utility must also be used to set up the board.

If using a DX/2 50 or DX/2 66processor, set jumpers JS1 - JS4 to “33MHz or less” setting.