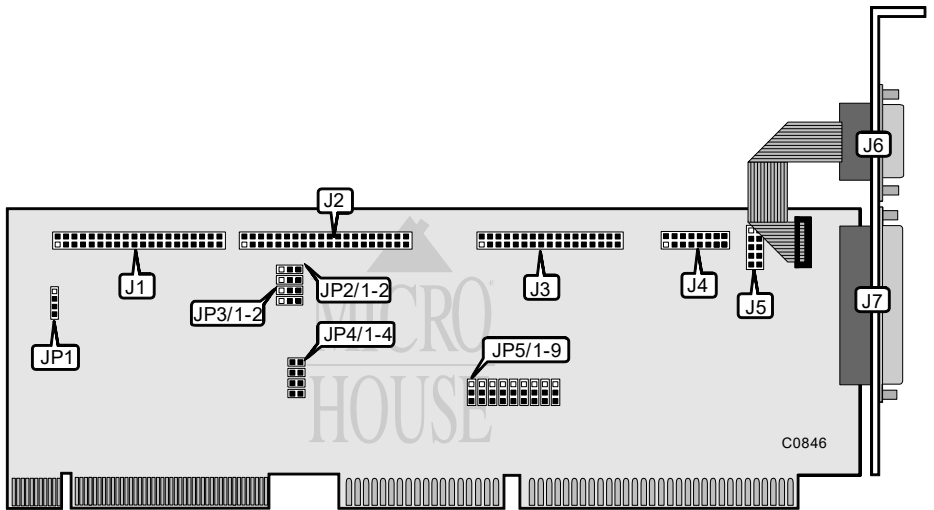# SIIG, INC.
DUAL IDE CONTROLLER VL

Q4/95

Data bus: 32-bit VL-bus
Size: Three-quarter length, half-height card
Hard drive supported: Two IDE(AT) & two EIDE drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

C0846

CONNECTIONS	
Function	Location
40-pin VL/EIDE connector	J1
40-pin ISA/IDE connector	J2
34-pin cable connector - floppy drive	J3
16-pin game port	J4
10-pin serial port 2 - internal	J5
9-pin serial port 1 - external, 10-pin serial port 1 - internal	J6
25-pin Parallel port - external	J7
4-pin connector - drive active LED	JP1

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive interface enabled	JP5/8	pins 1 & 2 closed
Floppy drive interface disabled	JP5/8	pins 2 & 3 closed
í Parallel port is unidirectional	JP5/9	pins 1 & 2 closed
Parallel port is bi-directional	JP5/9	pins 2 & 3 closed

HARD DRIVE SPEED SELECTION		
Speed	JP3/1	JP3/2
í 0	pins 1 & 2 closed	pins 1 & 2 closed
2	pins 2 & 3 closed	pins 1 & 2 closed
4	pins 1 & 2 closed	pins 2 & 3 closed
6	pins 2 & 3 closed	pins 2 & 3 closed

VL/ISA IDE CONFIGURATION			
VL/IDE	ISA/IDE	JP2/1	JP2/2
Disabled	Enabled	pins 1 & 2 closed	pins 2 & 3 closed
Enabled	Disabled	pins 2 & 3 closed	pins 1 & 2 closed
Enabled	Enabled	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PRIMARY IDE CONFIGURATION				
Primary IDE	JP4/1	JP4/2	JP4/3	JP4/4
í VL	closed	closed	closed	closed
ISA	open	open	open	open

PARALLEL PORT ADDRESS & INTERRUPT SELECTION			
Address/Interrupt	JP5/5	JP5/6	JP5/7
í 378h/IRQ7	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
378h/IRQ5	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
278h/IRQ5	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
278h/IRQ7	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
3BCh/IRQ5	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
3BCh/IRQ7	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed	pins 1, 2 & 3 open

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SERIAL PORT 1 ADDRESS SELECTION		
COM	JP5/1	JP5/2
ï COM1 (3F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
COM	JP5/3	JP5/4
ï COM2 (2F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM3 (3E8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed