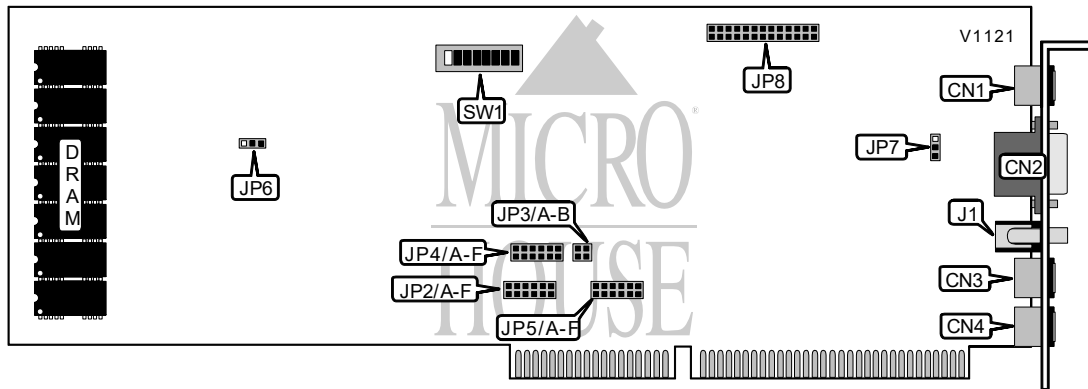


# COGENT ELECTRONICS INDUSTRIES

## VIDEO WIZARD

Category	Video
Video Types Supported	XVGA
Video Processor	Unidentified
Highest Resolution Supported	1024 x 768
Data Bus Type	16-bit ISA
Memory Type	DRAM
Maximum Onboard Memory	768KB



CONNECTIONS			
Purpose	Location	Purpose	Location
VGA loopback	CN1	Audio/video 2/3 in	CN4
15-pin analog video port	CN2	Audio out	J1
Audio/video 1 in	CN3	VGA feature connector	JP8

COMPRESSION/DECOMPRESSION BASE ADDRESS			
Address	JP3/A		JP3/B
390h	Open		Open
260h	Closed		Closed
280h	Open		Closed
320h	Closed		Open

PC VIDEO BASE I/O ADDRESS CONFIGURATION	
Setting	JP6
Using I/O address 0AD6h	Pins 1 & 2 closed
Alternate address selection via switch S1	Pins 2 & 3 closed

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# COGENT ELECTROMICS INDUSTRIES

## VIDEO WIZARD

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BASE I/O ADDRESS SELECTION								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
100h	On	On	On	On	On	On	On	Off
200h	On	On	On	On	On	On	Off	On
300h	On	On	On	On	On	On	Off	Off
400h	On	On	On	On	On	Off	On	On
500h	On	On	On	On	On	Off	On	Off
FB00h	Off	Off	Off	Off	Off	On	Off	Off
FC00h	Off	Off	Off	Off	Off	Off	On	On
FD00h	Off	Off	Off	Off	Off	Off	On	Off
FE00h	Off	Off	Off	Off	Off	Off	Off	On
FF00h	Off	Off	Off	Off	Off	Off	Off	Off

Note: A total of 255 base address settings are available. The switches are a binary representation of the decimal memory addresses. SW1/1 is the Most Significant Bit and switch SW1/8 is the Least Significant Bit. The switches have the following decimal values: SW1/1=32768, SW1/2=16384, SW1/3=8192, SW1/4=4096, SW1/5=2048, SW1/6=1024, SW1/7=512, SW1/8=256. Turn off the switches and add the values of the switches that are off to obtain the correct memory address. (Off=1, On=0)

VIDEO DMA CHANNEL SELECTION						
Channel	JP2/A	JP2/B	JP2/C	JP2/D	JPE/E	JP2/F
5	Closed	Open	Open	Closed	Open	Open
6	Open	Closed	Open	Open	Closed	Open
7	Open	Open	Closed	Open	Open	Closed

AUDIO DMA CHANNEL SELECTION						
Channel	JP4/A	JP4/B	JP4/C	JP4/D	JP4/E	JP4/F
1	Closed	Open	Open	Closed	Open	Open
2	Open	Closed	Open	Open	Closed	Open
3	Open	Open	Closed	Open	Open	Closed

FRAME INTERRUPT SELECTION						
IRQ	JP5/A	JP5/B	JP5/C	JP5/D	JP5/E	JP5/F
10	Closed	Open	Open	Open	Open	Open
11	Open	Closed	Open	Open	Open	Open
12	Open	Open	Closed	Open	Open	Open

FACTORY CONFIGURED - DO NOT ALTER	
Jumper	Position
JP7	Pins 2 & 3 closed