ATI TECHNOLOGIES, INC.
E G A   W O N D E R   (V E R . 2 . 3)

Card Type	Video card
Video Chip Set	Unidentified
Highest Resolution Supported	800 x 560
Maximum Video Memory	256KB RAM
Data Bus	8-bit ISA
Video Types Supported	EGA
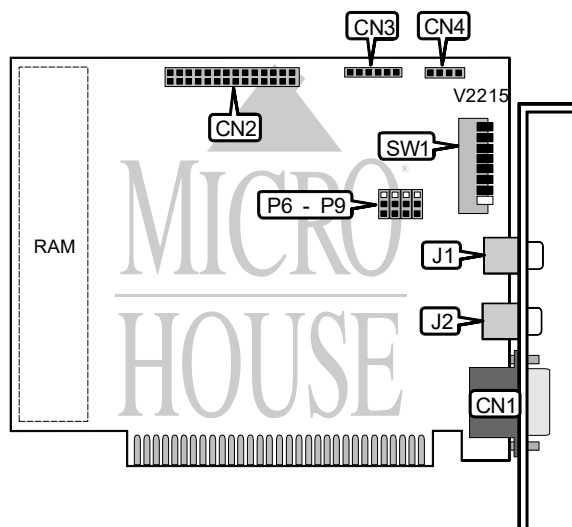
CONNECTIONS			
Function	Label	Function	Label
9-pin digital video port & TTL monitor	CN1	PC portable connector	CN4
Feature connector	CN2	Composite monitor connector	J1
Light pen connector	CN3	Composite monitor connector	J2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Port address is 3XXh	P6	Pins 2 & 3 closed
Port address is 2XXh	P6	Pins 1 & 2 closed
í Video clock connected to on board 25.175mHz oscillator	P7	Pins 1 & 2 closed
Video clock connected to EXTOSC from feature connector	P7	Pins 2 & 3 closed
í Pin 8 on DB9 connector (CN1) to Horizontal sync.	P8	Pins 1 & 2 closed
Pin 8 on DB9 connector (CN1) to Composite sync.	P8	Pins 2 & 3 closed
í Composite signal sent to J1 is enabled	P9	Pins 2 & 3 closed
Composite signal sent to J1 is disabled & J1 is connected to CN2	P9	Pins 1 & 2 closed
í "EGA Wonder" enhanced features enabled	SW1/8	On
"EGA Wonder" enhanced features disabled	SW1/8	Off
Note: When using a Taxan 650 type 25 kHz monitor you must set jumper P8/pins 2 & 3 closed.		

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EGA-MDA DUAL DISPLAY CONFIGURATION				
Primary Display	EGA Wonder			
Secondary Display	MDA			
Setting	SW1/1	SW1/2	SW1/3	SW1/4
CGA (40 x 25)	On	Off	Off	On
CGA (80 x 25)	Off	Off	Off	On
EGA (Normal)	On	On	On	Off
EGA (Enhanced)	Off	On	On	Off

MDA-EGA DUAL DISPLAY CONFIGURATION				
Primary Display	MDA			
Secondary Display	EGA Wonder			
Setting	SW1/1	SW1/2	SW1/3	SW1/4
CGA (40 x 25)	On	On	On	On
CGA (80 x 25)	Off	On	On	On
EGA (Normal)	On	Off	On	On
EGA (Enhanced)	Off	Off	On	On

MDA-CGA DUAL DISPLAY CONFIGURATION				
Primary Display	EGA Wonder configured as MDA			
Secondary Display	CGA			
Setting	SW1/1	SW1/2	SW1/3	SW1/4
CGA (40 x 25)	On	Off	On	Off
CGA (80 x 25)	Off	Off	On	Off

CGA-MDA DUAL DISPLAY CONFIGURATION				
Primary Display	CGA			
Secondary Display	EGA Wonder configured as MDA			
Setting	SW1/1	SW1/2	SW1/3	SW1/4
CGA (40 x 25)	On	On	Off	On
CGA (80 x 25)	Off	On	Off	On

MONITOR TYPE SELECTION			
Type	SW1/5	SW1/6	SW1/7
Multi-sync	On	Off	On
Enhanced graphics	On	Off	Off
RGB color	On	On	Off
TLL monochrome	Off	On	Off
25 kHz color	Off	Off	On
Composite (PC portable)	On	On	Off
Compaq Internal	Off	Off	Off
Note: Settings must be set according to the type of monitor being used. 　　　When using a 25 kHz monitor jumper P8/pins 2 & 3 must be closed. 　　　When using a Compaq internal monitor you must use the optional Compaq module.			