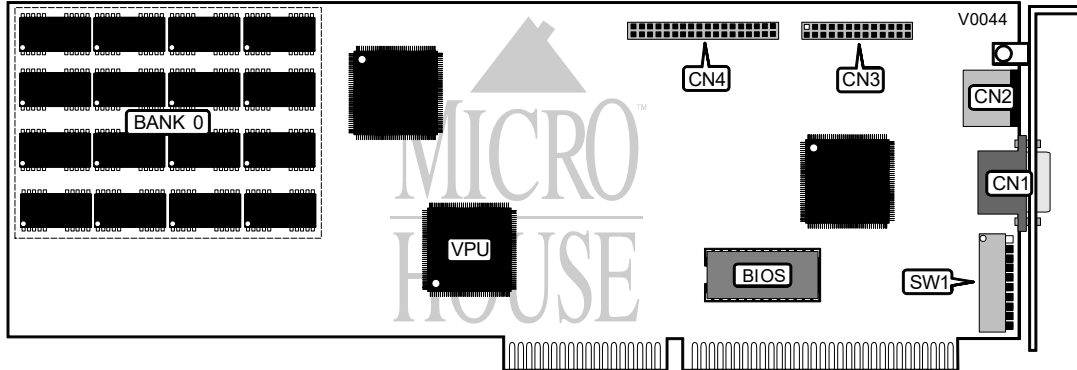


MATROX GRAPHICS, INC. MGA ULTIMA/IMPRESSION

Category Video
Video Types Supported XVGA
Video Processor MGA
Highest Resolution 1600 X 1200
Supported Data Bus Type 16-bit ISA, (32-bit VESA Local Bus, MCA on Impression only)
Memory Type VRAM
Maximum Onboard Memory 3072KB (MGA Ultima can only support 2048KB)



CONNECTIONS			
Purpose	Location	Purpose	Location
15-pin analog video port	CN1	VGA feature connector	CN3
Mouse/LaserPro port	CN2	VideoPro connector	CN4

Note: The LaserPro port allows you to connect a LaserPro printer accelerator card. The VideoPro module is only available on the MGA Impression

BASE MEMORY ADDRESS SELECTION			
Address	S V1/1	S V1/2	S V1/3
AC000h - AFFFFh	Off	On	On
C8000h - CBFFFh	On	Off	On
CC000h - CFFFFh	Off	Off	On
D0000h - D3FFFh	On	On	Off
D4000h - D7FFFh	Off	On	Off
D8000h - DBFFFh	On	Off	Off
DC000h - DFFFFh	Off	Off	Off

Note: VL-versions of the MGA cannot be installed at the AC000h memory address.

VGA CONFIGURATION	
VGA	SW1/4
Enabled	Off
Disabled	On

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MGA ULTIMA/IMPRESSION**

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BOOT MODE SELECTION	
Mode	SW1/5
í 8-bit boot	On
16-bit boot	Off

SYNC TYPE SELECTION	
Type	SW1/6
í Separate Sync	On
Composite Sync	Off

DMA CHANNEL SELECTION				
DMA	SW1/7	SW1/8	SW1/9	SW1/10
í Disabled	Off	Off	Off	Off
7	Off	Off	On	On
6	On	On	Off	Off

Note: Switches 7 - 10 are only found on the MGA Impression.