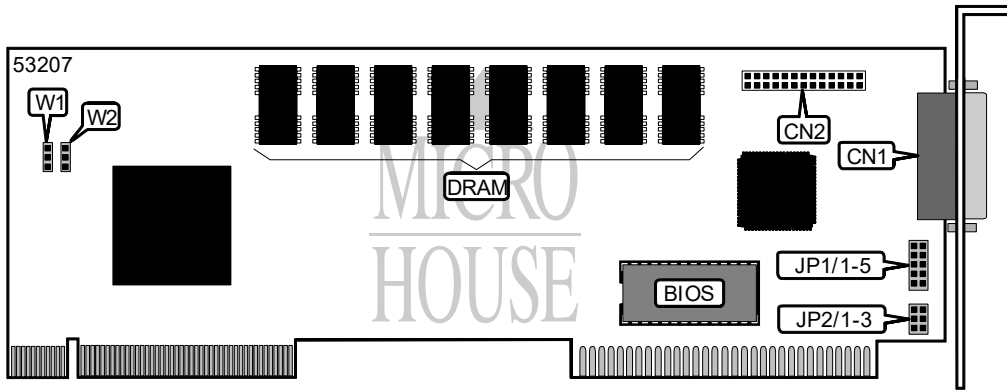


# STB SYSTEMS, INC. POWERGRAPH C33

Card Type	Video card
Video Chip Set	Western Digital
Maximum Video Memory	2MB DRAM
Video Types Supported	XVGA
Highest Resolution Supported	1280 x 1024
Data Bus	32-bit VESA Local Bus



CONNECTIONS			
Function	Label	Function	Label
15-pin analog video port	CN1	Feature connector	CN2

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
Standard fonts	JP1/5	Open	
TUV fonts	JP1/5	Closed	
Vesa bus enabled for 80486 systems	W1	Pin 2-3	
Vesa bus enabled for 80386 systems	W1	Pin 1-2	
B/C Disconnect	W2	Pin 1-2	
B/C Connect	W2	Pin 2-3	

Note: TUV is the German standard for character spacing. May not be compatible with some DOS applications

DRAM CONFIGURATION
Note: Location of upgradable DRAM ports unavailable.

REFRESH RATE (800X600, 16 COLORS)				
Vertical	Horizontal	Setting	JP1/1	JP1/2
56 Hz	35.3 kHz	Interlaced	Open	Open
56 Hz	35.3 kHz	Noninterlaced	Closed	Closed
60 Hz	38.0 kHz	Noninterlaced	Open	Closed
72 Hz	48.2 kHz	Noninterlaced	Closed	Open

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REFRESH RATE (1024X768)				
Vertical	Horizontal	Setting	JP1/3	JP1/4
60 Hz	48.5 kHz	Noninterlaced	Open	Closed
70 Hz	56.0 kHz	Noninterlaced	Closed	Open
72 Hz	59.7 kHz	Noninterlaced	Closed	Closed
86.7 Hz	35.4 kHz	Interlaced	Open	Open

MISCELLANEOUS TECHNICAL NOTES
The settings for JP2/1-3 are undetermined. Do not alter from factory settings, or refer to documentation.