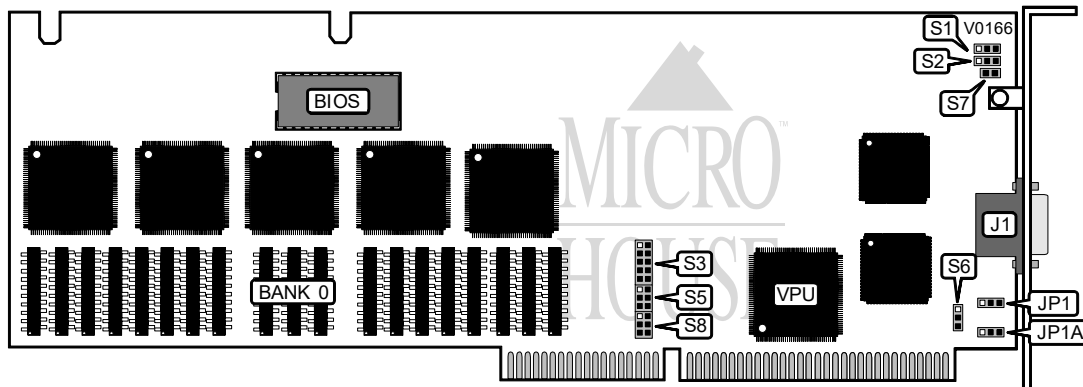


MICROFIELD GRAPHICS, INC.

T8

| | |
|-------------------------------------|-------------|
| Category | Video |
| Video Types Supported | XVGA |
| Video Processor | Trident |
| Highest Resolution Supported | 1280 x 1024 |
| Data Bus Type | 16-bit ISA |
| Memory Type | VRAM |
| Maximum Onboard Memory | 2048KB |



| CONNECTIONS | |
|-------------------|----------|
| Purpose | Location |
| 15-pin video port | J1 |

| EMULATION TYPE CONFIGURATION | | | |
|--|---------------|-------------------|-------------------|
| Type | Address | JP1 | JP1A |
| i VGA/EGA with High Resolution | i 3DDh - 3DEh | Pins 1 & 2 closed | Pins 1 & 2 closed |
| CGA with High Resolution | 3DDh - 3DEh | Pins 2 & 3 closed | Pins 2 & 3 closed |
| High resolution | 3DDh - 3DEh | Pins 1 & 2 closed | Pins 2 & 3 closed |
| High resolution | 30Dh - 30Eh | Pins 2 & 3 closed | Pins 1 & 2 closed |
| Note: Address setting 30Dh - 30Eh requires special device driver software for operation. | | | |

| VIDEO FREQUENCY CONFIGURATION | | | | |
|--|----------------|-------------------|-------------------|--------|
| Frequency | Mode | S1 | S2 | S7 |
| i 1280 x 1024 | Non-interlaced | Pins 1 & 2 closed | Pins 1 & 2 closed | Open |
| 1280 x 1024 | Interlaced | Pins 1 & 2 closed | Pins 2 & 3 closed | Open |
| 1280 x 1024* | Non-interlaced | Pins 1 & 2 closed | Pins 1 & 2 closed | Closed |
| 1024 x 768* | Non-interlaced | Pins 2 & 3 closed | Pins 2 & 3 closed | Closed |
| Note: * This is an alternate setting which requires an optional dual crystal and 512K microcode EPROM. | | | | |

Continued on next page . . .

MICROFIELD GRAPHICS, INC.
T8

... continued from previous page

| ALTERNATE I/O PORT ADDRESS SELECTION | |
|--------------------------------------|-------------------|
| Address | S6 |
| í 3xx | Pins 2 & 3 closed |
| 1xx | Pins 1 & 2 closed |

| DMA CHANNEL SELECTION | | | |
|-----------------------|------|-------------------|-------------------|
| DRQ | Jack | 35 | 38 |
| í 7 | í 7 | Pins 1 & 2 closed | Pins 1 & 2 closed |
| 6 | 6 | Pins 3 & 4 closed | Pins 3 & 4 closed |
| 5 | 5 | Pins 5 & 6 closed | Pins 5 & 6 closed |

| VIDEO INTERRUPT SELECTION | |
|---------------------------|--------------------|
| IRQ | S3 |
| í 2/9 | Pins 1 & 2 closed |
| 10 | Pins 3 & 4 closed |
| 11 | Pins 5 & 6 closed |
| 12 | Pins 7 & 8 closed |
| Disabled | Pins 9 & 10 closed |