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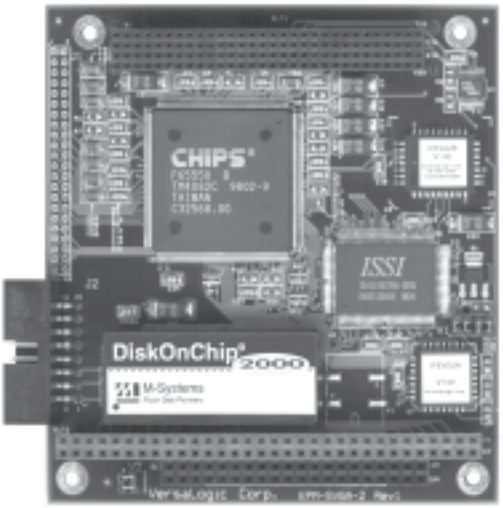
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Find the *Versalogic EPM-SVGA-2* at our website: ***Click HERE***

EPM-SVGA-2

SVGA Display Module

High-speed PC/104-Plus SVGA display module with DiskOnChip site.



Features

- **High speed PC/104-*Plus* PCI interface**
- **Fully SVGA compatible**
- **4 to 144 MB DiskOnChip® Flash socket**
- **Standard analog video monitor support**
- **Flat panel display support (optional)**
- **1 MB VRAM (2 MB optional)**
- **800 x 600 resolution with 64K colors**
- **DOS, Win 3.1, and Win95 video drivers**

Ordering Information

EPM-SVGA-2. . . . . PC/104-*Plus* SVGA Module
VL-CBL-1601. . . . . Transition cable to standard VGA
VL-HDW-101. . . . . Standoff Pkg. Metric Thread

Description

The EPM-SVGA-2 module combines a high speed SVGA interface for PC/104-*Plus* systems with an on-board DiskOnChip site for non-volatile system storage. It is fully compatible with a wide selection of popular operating systems including most Windows and Real Time Operating Systems. Please see our web site at www.versalogic.com for more information.

The video section features outputs for standard display monitors and for flat panel displays (optional). A wide selection of operating modes allows the display to be tailored to a variety of OEM requirements.

One MB of on-board video RAM (standard) allows color depth up to 16M colors and screen resolutions up to 1024 x 768 pixels. Two MB of RAM (optional) allows screen resolutions up to 1024 x 768 pixels.

The DiskOnChip site allows the use of plug-in non-volatile solid state Flash storage in sizes up to 144 MB. Combining both video and Flash expansion on a single module provides cost and space savings for systems that do not have adequate Flash capacity. Under most operating systems, the DiskOnChip supports normal file reads and writes, as well as system booting, from the totally non-volatile solid state storage.

The EPM-SVGA-2 features high reliability design and construction, along with burn-in and complete functional testing. It is backed by a two-year limited warranty and VersaLogic's outstanding service and support.

VERSALOGIC CORPORATION

3888 Stewart Road, Eugene, OR 97402 • (541) 485-8575 • Fax (541) 485-5712 • info@versalogic.com • www.versalogic.com

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Specifications

Specifications are typical at 25° C with 5.0V supply unless otherwise noted.

Board Size:
3.55" x 3.775" (PC/104 standard)

Storage Temperature:
– 40° C to +85° C

Free Air Operating Temperature:
0° C to +60° C

Power Requirements:
5V ±5% @ 450 ma typ.

Video Controller:
Chips and Technologies 65550 VGA controller

Video RAM:
1 MB standard. 2 MB optional.

Video Modes:
1 MB VRAM:
640 x 480, 16M colors
800 x 600, 64K colors
1024 x 768, 256 colors
2 MB VRAM:
640 x 480, 16M colors
800 x 600, 16M colors
1024 x 768, 64K colors

Video outputs:
- Standard SVGA analog
- Flat Panel Drive (optional)

Video BIOS:
40 KB at address C0000h-C9FFFh

Video BIOS Compatibility:
x86 compatible processor with PCI-compatible BIOS

DiskOnChip Site:
32-pin DIP socket
7 jumper selectable addresses or socket disable

External Connectors:
Analog VGA: 16-pin .1” latching header
Flat Panel: 44-pin 2mm header

Compatibility:
PC/104 (pass through)
PC/104-*Plus*

Specifications are subject to change without notice. PC/104 and the PC/104 logo are trademarks of the PC/104 Consortium.

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