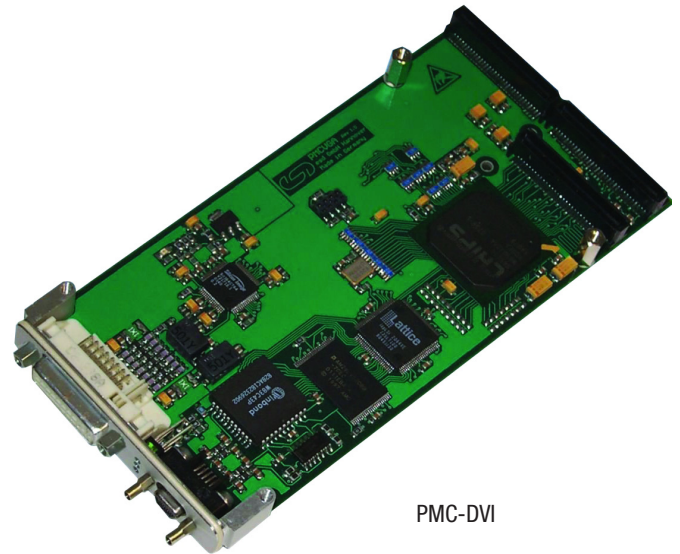




PMC-DVI

DVI-Graphics Board

- Graphic adapter board
- Resolution up to 1600x1200x16 bits per pixel
- 69030 graphic controller
- 4 Mbyte on-chip high performance SDRAM memory
- DVI-I (digital video interface) connector including RGB-analog
- PS2-mouse and keyboard interface
- Windows, Linux, QNX and RTOS-UH support
- Suitable for CANOpen and J1939



PMC-DVI

Graphics Controller Asilant 69030

The PMC-DVI is a graphics board in 'single' PCI mezzanine card size with the powerful graphics controller 69030 offering display modes from 640x480 (true color) at 85 Hz up to 1600x1200 (16 bit colors) at 60 Hz. The DVI-I-interface design controls CRT-monitors by analog video signals as well as TFT-monitors by digital video signals.

Keyboard and Mouse Interface

The board is equipped with a Mini-DSUB9-connector as PS2-interface. With an adapter, you can connect a PS2-keyboard and a PS2-mouse to this port simultaneously.

Software Support

Graphics drivers are available for VxWorks, RTOS/UH, Linux, QNX, Windows 98/NT2000, and other drivers upon request.

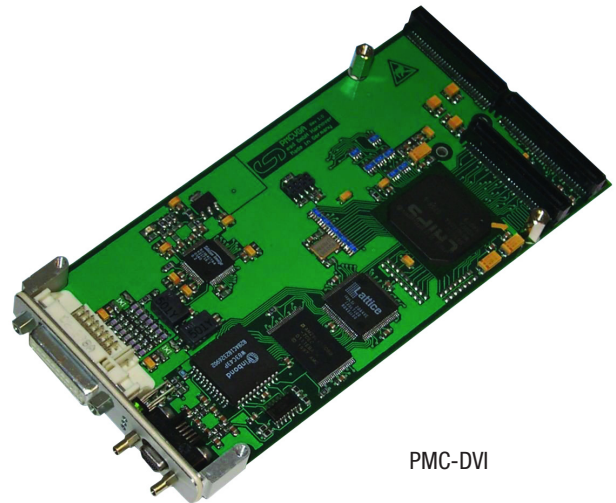
For further information please visit
<http://www.esd-electronics-usa.com/PMC.html>

growing with the
challenge

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PMC-DVI

Technical Specifications

| PMC connection | |
|---------------------|--|
| Interface | Acc. to PCI Mezzanine Card specification |
| PCI-Bridge | Asiliant 69030 |
| Graphics | |
| Outputs | Simultaneous display of digital TFT-monitor and analog CRT-monitor with different frequencies at DVI-connector |
| Display Modes | VGA (640x480) with True Color (24 bit) at 85 Hz SVGA (800x600) with True Color at 85 Hz XGA (1024x768) with High Color (16 bit) at 85 Hz SXGA (1280x1024) with 8 bit colors at 75 Hz UXGA (1600x1200) with 16-bit color at 60 Hz |
| Keyboard and Mouse | |
| Keyboard, Mouse | Two PS2-ports for keyboard and mouse at one Mini-DSUB9 connector |
| General | |
| Ambient temperature | 0...50o C |
| Humidity | Max. 90%, non-condensing |
| Operating voltage | 3.3 V, 5 V |
| Connectors | Analog and digital graphics out: DVI PS2: Mini-DSUB9 |

Order Information

| Designation | | Order no. |
|-------------|------------------------|-----------|
| PMC-DVI | Graphics adapter board | V.2022.02 |
| Drivers | | |
| PMC-DVI-VxW | VxWorks drivers | V.2022.31 |
| Manual | | |
| PMC-DVI-ME | English manual | V.2022.21 |

For further information please visit
<http://www.esd-electronics-usa.com/PMC.html>

