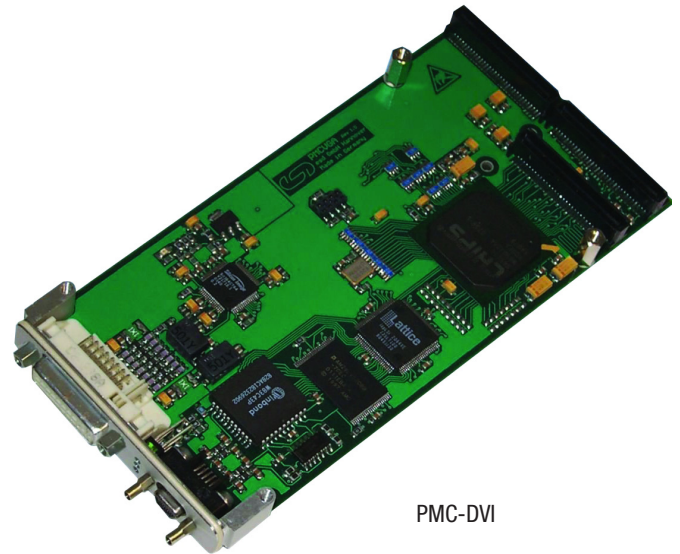




PMC-DVI

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.

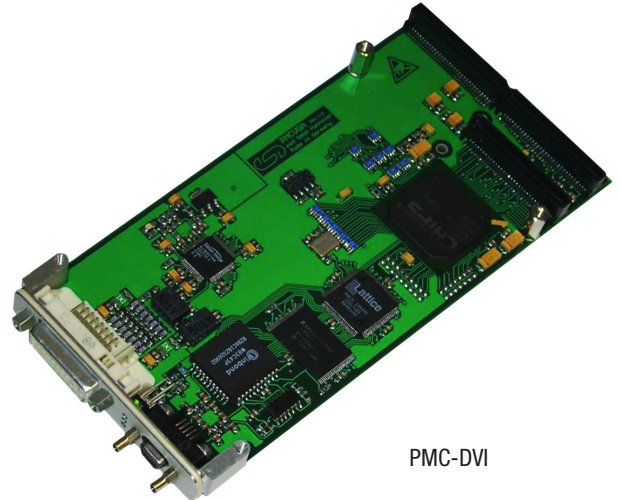
For further information please visit
<http://www.esd-electronics-usa.com/PMC.html>

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>

