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PMC modules

PMC Trivideo — Video processor and framegrabber

Flier | Photos | Overview top

The PMC Trivideo has a video input port and a video output port, which can be used in a simple pass through mode. However, the PMC Trivideo also has a PCI master interface with DMA controller and a fully programmable DSP-like CPU. Computer graphics generated by the host can be mixed with live video for display or live video can be filtered and captured at full frame rate over the PCI bus. The master DMA controller can also transfer video directly from the PMC Trivideo to the frame buffer of the host video display device.

- 32 bit 33 MHz PMC module
- Full frame rate (25-50 Hz) video capture
- PCI bus multi channel DMA master
- Multi standard video input up to 720 by 576 resolution
- 4 software selectable composite video inputs
- VGA video output option (640 by 480)
- Local 160 MHz DSP like CPU for image processing (400 MOPS)
- Hardware color space conversion for YUV to RGB conversion on the fly



PMC-VIPER — Frame grabber and SVGA video — 70200

Flier top

The PMC-VIPER is a highly integrated SVGA graphics controller and video processor. It is intended for use in applications where close integration of both video and graphics processing is required. The heart of the design is the TSENG Labs ET6000 and VIPER 6000 chipset.

- ET6000 SVGA controller
- Powerful graphics accelerator and integrated LUTDAC
- Display resolution 1280 x 1024
- Uses MDRAM
- Integrated 800 by 600 Framegrabber and video processor (VIPER)



- 32 bit PCI/PMC interface

PMC-VIPER+ PMC-VIPER eng kit 70201

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First time users should purchase the PMC VIPER engineering kit in order to qualify for support.

- PMC-VIPER
- Floppy disc with SW drivers
- Instruction manual

PMC-SVGA SVGA video controller with ET6000 and 2 MB VRAM 70210

Flier top

The PMC-SVGA is a highly integrated SVGA graphics controller using the TSENG Labs ET6000 chipset. Ouput resolution goes to 1280 by 1024. The module uses MDRAM which is significantly faster than normal video memory.

- ET6000 SVGA controller
- Powerful graphics accelerator and integrated LUTDAC
- Display resolution to 1280 x 1024
- Uses MDRAM
- 32 bit PCI/PMC interface



PMC-VIPER DEV KIT PMC-VIPER development kit 70211

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This is a development kit for people wishing to develop their own drivers and low level software for the PMC VIPER. It includes a PMC-VIPER and all the C BIOS source code in one bundle.

- PMC-VIPER module
- Floppy disc with CBIOS source code
- User manual

PMC-VIPER CBIOS Portable C BIOS SW for PMC VIPER 70212

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The complete source code to VGA BIOS for the PMC VIPER written in C. Portable to any operating system. Examples are provided for DOS and Vxworks. This code has been ported to AIX and OSE.

- C Source code

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