



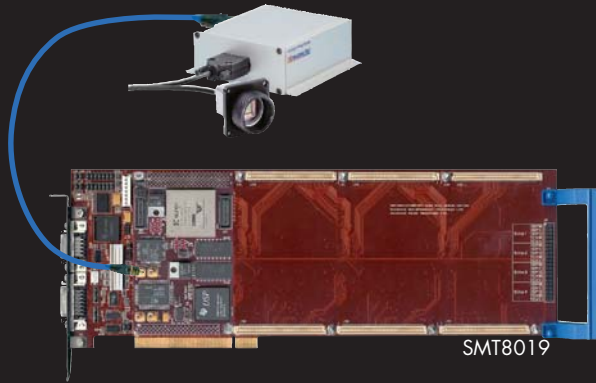
SUNDANCE

A Brand New Creation!

Imaging Systems with Power and Flexibility

GDD400 Image Processing Library

Key features of this high performance hand-coded optimized software are: Interruptible for real-time systems; Extensive functionality; Support for 8/16/32-bit mono/color images, and Support for floating point operations when needed.



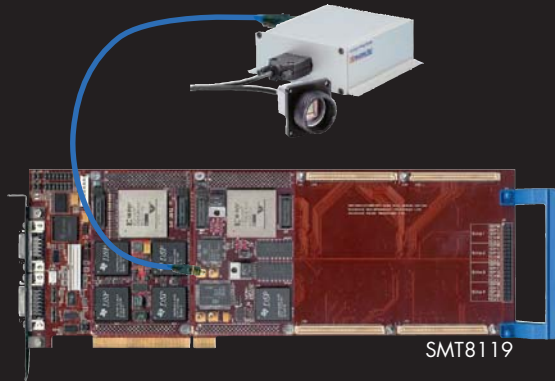
SMT8019

SMT8019 Imaging Development System

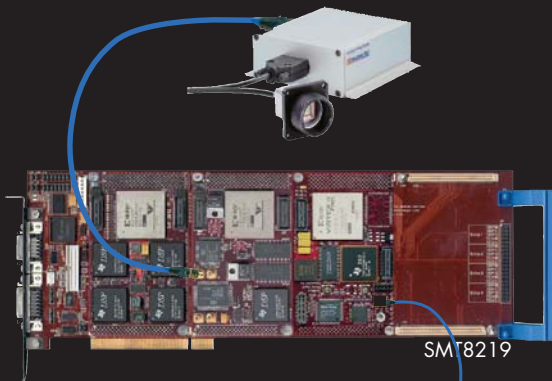
Advanced PCI based imaging solution with powerful TI C6414 DSP @ 600MHz; Xilinx Virtex II XC2V2000 FPGA; Composite Video Decoder, using the Bi829B directly connected to the FPGA; and Composite RGB Video Encoder using the Bi864B also directly connected to the FPGA.

SMT8119 Multi-DSP Video Compression Development Platform

This multi-DSP, multi-FPGA system is designed to provide solution for most demanding imaging problems. In addition to features of SMT8019 shown above this platforms also includes 4 extra TI C6416 DSPs @ 600MHz, and an extra Xilinx Virtex II XC2V2000 FPGA. More modules can be added if needed.



SMT8119



SMT8219



HARD DISK

SMT8219 Real-time Processing, Recording/Play-back System

This solution offers the ultimate in image processing. With six TI DSPs and three Xilinx FPGAs the input images from two cameras can be processed in real-time and the two video output displayed simultaneously. Two Serial ATA hard disks can also be directly connected to this system for real-time recording and play-back of the incoming images.

Support for PCI, cPCI, VME, and PXI • Multi-DSP, Multi FPGA for greater power & flexibility



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