

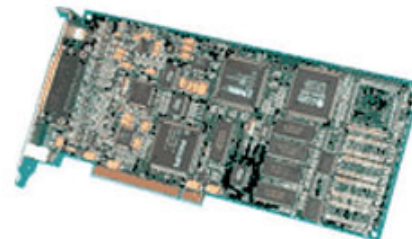


Project Description:

A custom multimedia audio/video capture and MPEG encoder-decoder card on a standard PCI expansion card. The client required a Windows driver and HAL design conforming to their application interface.

Key Features / Project Highlights:

- System Architecture, Digital and Analog Hardware Design, PCB Layout, Windows Software Development, Transfer to Manufacturing
- High-Quality analog Audio/Video capture and playback interfaces with high-density I/O connector and custom break-out cables
- Multiprocessor-based compression/decompression engine for MPEG encode/decode
- Developed driver software for Windows and custom hardware abstraction layer conforming to client's existing Application Interface



Dazzle*

About LocoLabs:

LocoLabs is a Sunnyvale, CA provider of custom and turnkey development platforms and modules for embedded designers. It is our mission to accelerate your product development, drawing on more than a decade of experience tackling tough embedded design problems for leading suppliers of consumer, computing and commercial systems.

In our engineering and design work, LocoLabs customers call us the "Rev-Zero" company. With success stories in consumer electronics, commercial robotics, HD video and instantly deployable wireless networking, our experience reinforces the value of fast prototyping and hardware/software co-design. LocoLabs' cross-trained Embedded, Multimedia, Wireless and Linux experts in our Silicon Valley design center are available to support your rapid product development.

