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Find the *Cirrus Logic CL-GD5446* at our website: ***Click HERE***

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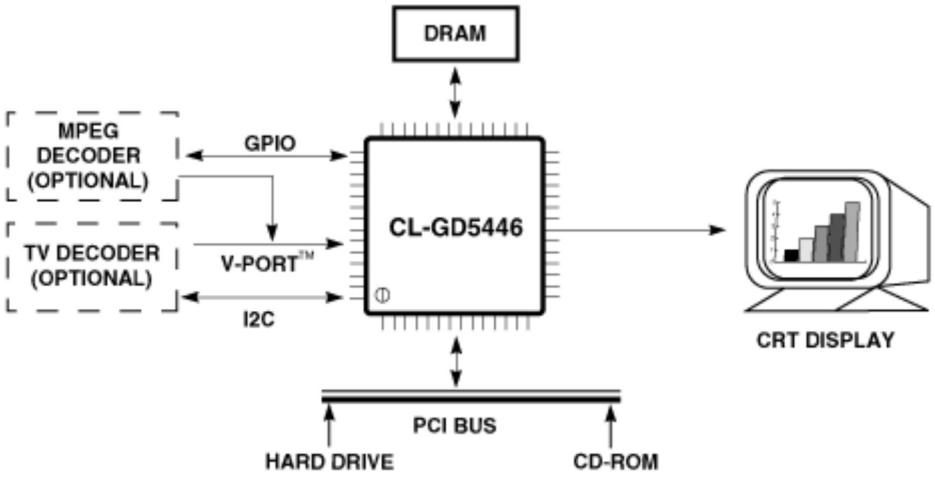
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CIRRUS LOGIC

CL-GD5446: 64-bit VisualMedia® Accelerator



- High-throughput PCI bus interface for video playback
  - Large write buffer allows sustained zero-wait-state bursts
  - Byte-swapping for PowerPC™ support
  - PCI v2.1-compliant
- Advanced 64-bit BitBLT engine for Windows® 95
  - Transparent source-data BitBLT for DirectDraw™
  - Color expansion for all graphics modes
  - Double-buffered, memory-mapped registers with AutoStart™
  - Optimized color 8 x 8 PatCopy
  - Accelerated Packed-24 modes
- 64-bit DRAM interface optimized for EDO DRAM
  - 80-MHz MCLK offers up to 320 Mbytes/sec. peak bandwidth
  - Supports new 128K x 16, 128K x 32 DRAM
- V-Port®, GPIO, I2C® bus interfaces for video decoders
  - Video capture, closed-caption capture applications
  - GPIO permits video decoders with single load on PCI bus
  - Automatic double buffering prevents video 'tearing'
  - Glueless interface to the CL-PX4072
  - Interface to MPEG and other video decoders
- Hardware window for video display
  - Multiformat frame buffer
  - Supports YUV-16 true color video with 8-bit graphics
  - YUV 4:2:2, AccuPak™, RGB-8, RGB-16 video formats
  - Independent interpolated X and Y zooming
  - Occlusion support with color- or chroma-key
  - Supports popular hardware and software video codecs, including MPEG

The CL-GD5446 delivers high-performance graphics and TV-quality, full-motion, full-screen video playback in an integrated, single-chip device. The CL-GD5446 VisualMedia™ accelerator, integrated into a cost-effective personal computer, plays CD-ROM video clips and disk-based video files (including MPEG titles), in full screen at up to 30

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frames per second with fully synchronized sound. Transparent BitBLT and page-flipping features provide outstanding DirectDraw and games performance.

Additional Information (available in Acrobat PDF):

Advance Product Bulletin (Sept. '96: 70 Kb)

Preliminary Data Book (Nov. '96, v2.0: 825 Kb)

Technical Reference Manual(includes data book) (Nov. '96, Second Edition: 3.5 Mb)

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