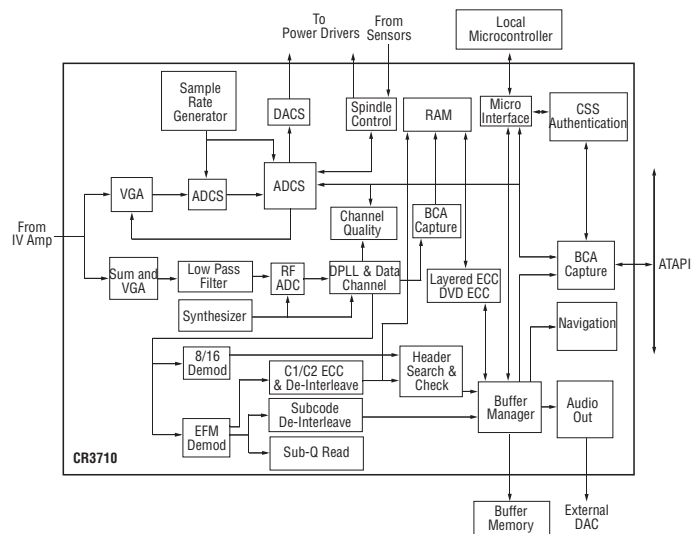


# Integrated ATAPI DVD Drive Manager

## Fully Integrated Chip for Game Consoles and DVD Players/ROMs

### CR3710 Features

- Integrates all required components for a complete ATAPI or AVI interface DVD drive (front-end) electronics solution:
  - RF amp
  - Data channel
  - Servo control processor
  - CD/DVD ECC (error correction code)
  - CSS (Authentication)
  - ATAPI decoder
- Partial Response Maximum Likelihood (PRML) data channel.
- High-performance controller supports DVD disc speeds up to 8x (and CD to 32x)
- Servo Control Processor (SCP) on board
- Enhanced defect management
- Direct audio/video interface for DVD player and game console applications
- ATAPI interface for DVD and game console solutions
- DVD navigation support
- DVD player reference kit available
- 208-pin LQFP package

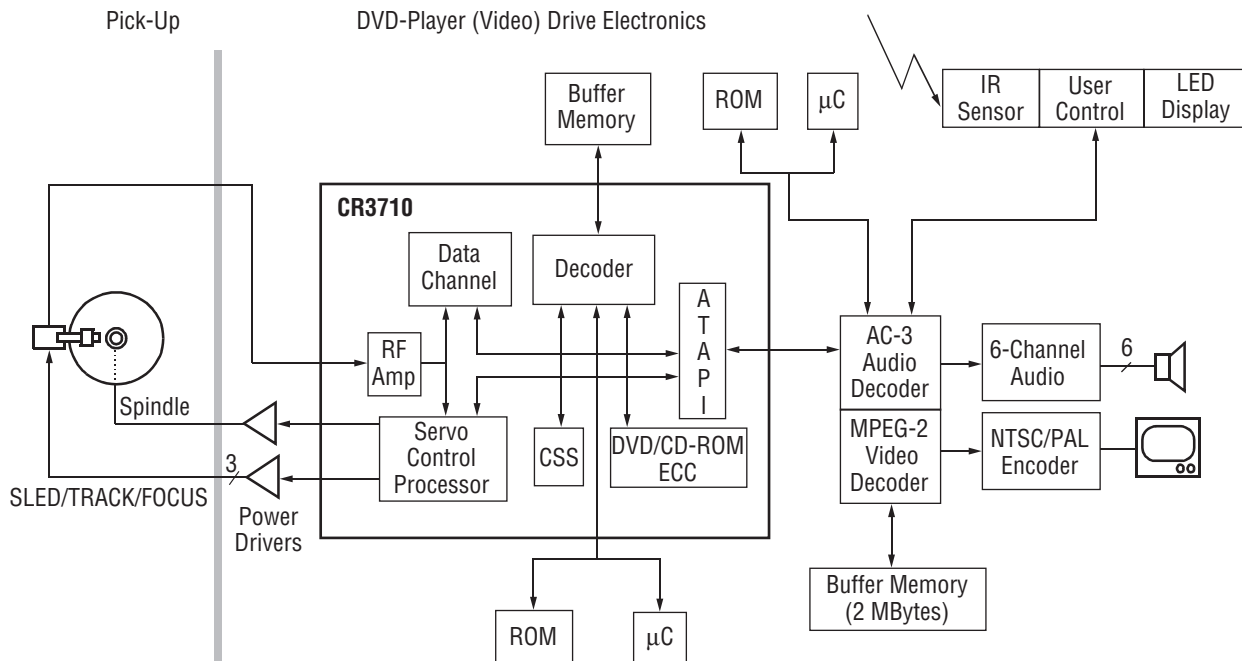


The CR3710 is a high-integration, high-performance ATAPI DVD drive manager. It integrates all required components in a DVD loader for DVD players, slim-line DVD-ROM drives, and game consoles. The CR3710 includes an RF amp, servo control processor, data channel, CD/DVD ECC, CSS authorization, CD/DVD-ROM decoder, and both AVI and ATAPI interfaces.

The CR3710 can be configured with an audio D/A converter (digital-to-analog converter), external buffer memory (8- or 16-bit DRAM), a local microcontroller with its RAM and ROM, and power drivers to create a complete DVD player or game console electronics solution. It also has integrated MPEG-2 and ATAPI interfaces for efficient design into a DVD player.

The CR3710 supports DVD disc speeds up to 8x and Ultra DMA host speeds up to 33.3 Mbytes/sec. DVD player reference kits are available from Cirrus Logic, ask your associate for details.

## DVD Player System



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T (800) 677-6011  
F (858) 450-8550  
www.insight-electronics.com

#### Nu Horizons

70 Maxess Road  
Melville, New York 11747  
T (631) 396-5000  
F (631) 396-5060  
www.nuhorizons.com

#### Asia, Europe, and Japan:

Please access our website,  
www.cirrus.com, for your  
nearest local distributor.

### WORLDWIDE SALES

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