

## DVD Optical Disc

PROMOTIONAL INFORMATION

### Features

- DVD-video: DVD-R, DVD+R, DVD+RW and DVD-RW playback up to 2X
- CD-DA: CD-R and CR-RW playback; SA-CD; video-CD up to 6X
- Full servo digital processing
  - ST7 microcontroller
  - Dedicated DSP
- Analog interface connecting to the photo-detector on all popular DVD pick-ups
- Dual laser controller
- Twin laser support
- Motor controllers
- Actuator controllers
- Low-cost 100 pin TQFP

### Description

The STm6316 chip based on leading-edge 0.18 micron CMOS production technology integrates all the functions required in the DVD optical interface including analog pre-processing, servo control, channel decoding and error correction.

Optimized for use with STMicroelectronics OMEGA DVD audio and video decoder the STm6316 offers the world's most integrated solution for DVD players.



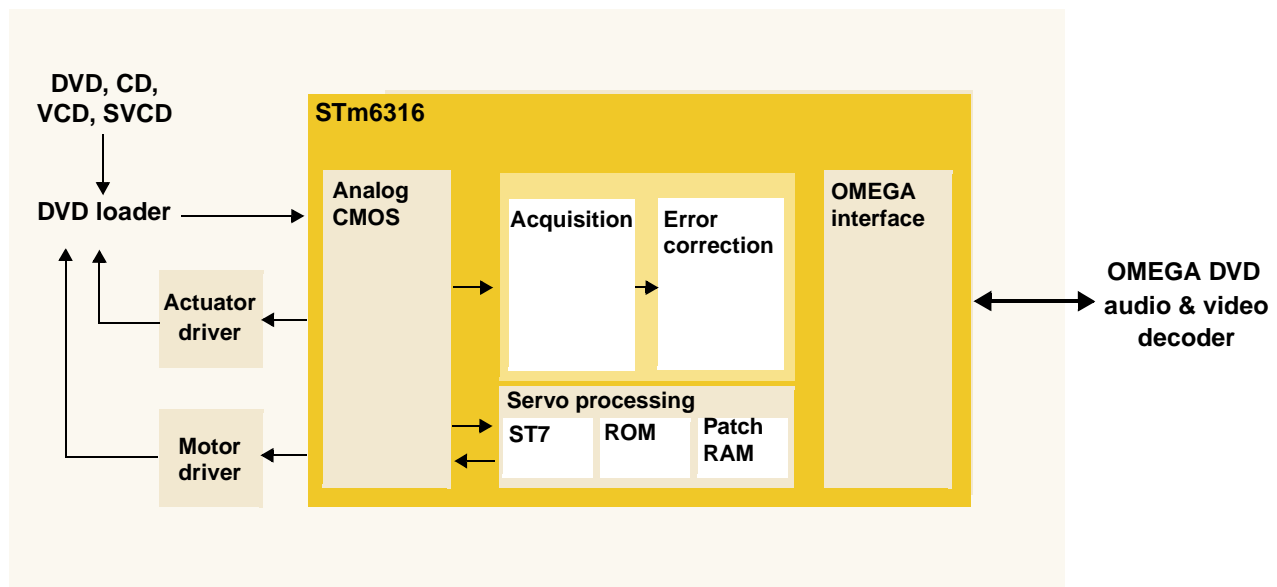
### Applications

- DVD optical interface

### Ordering Information

Package	100 pin TQFP
Ordering code	STm6316

## STm6316 system overview



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