

STm6316

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 photodetector 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.



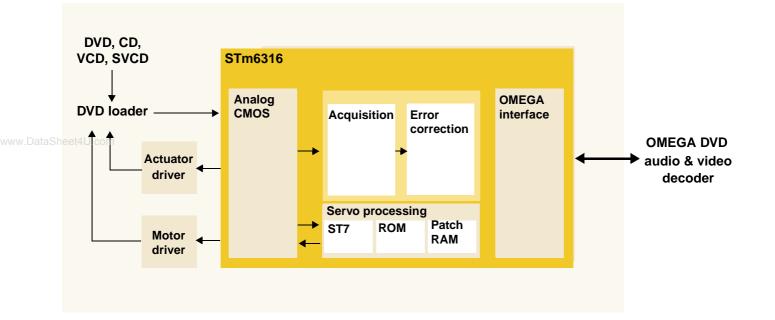
Applications

• DVD optical interface

Ordering Information

Package	100 pin TQFP
Ordering code	STm6316

STm6316 system overview



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