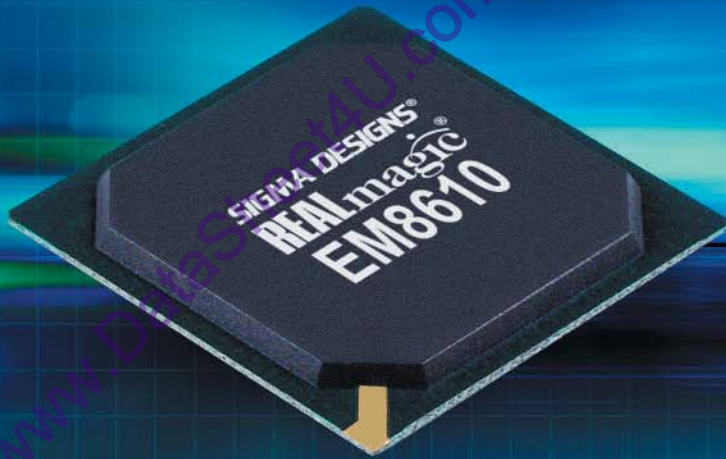


Digital Media Processor for HDTV Consumer Appliances

EM8610

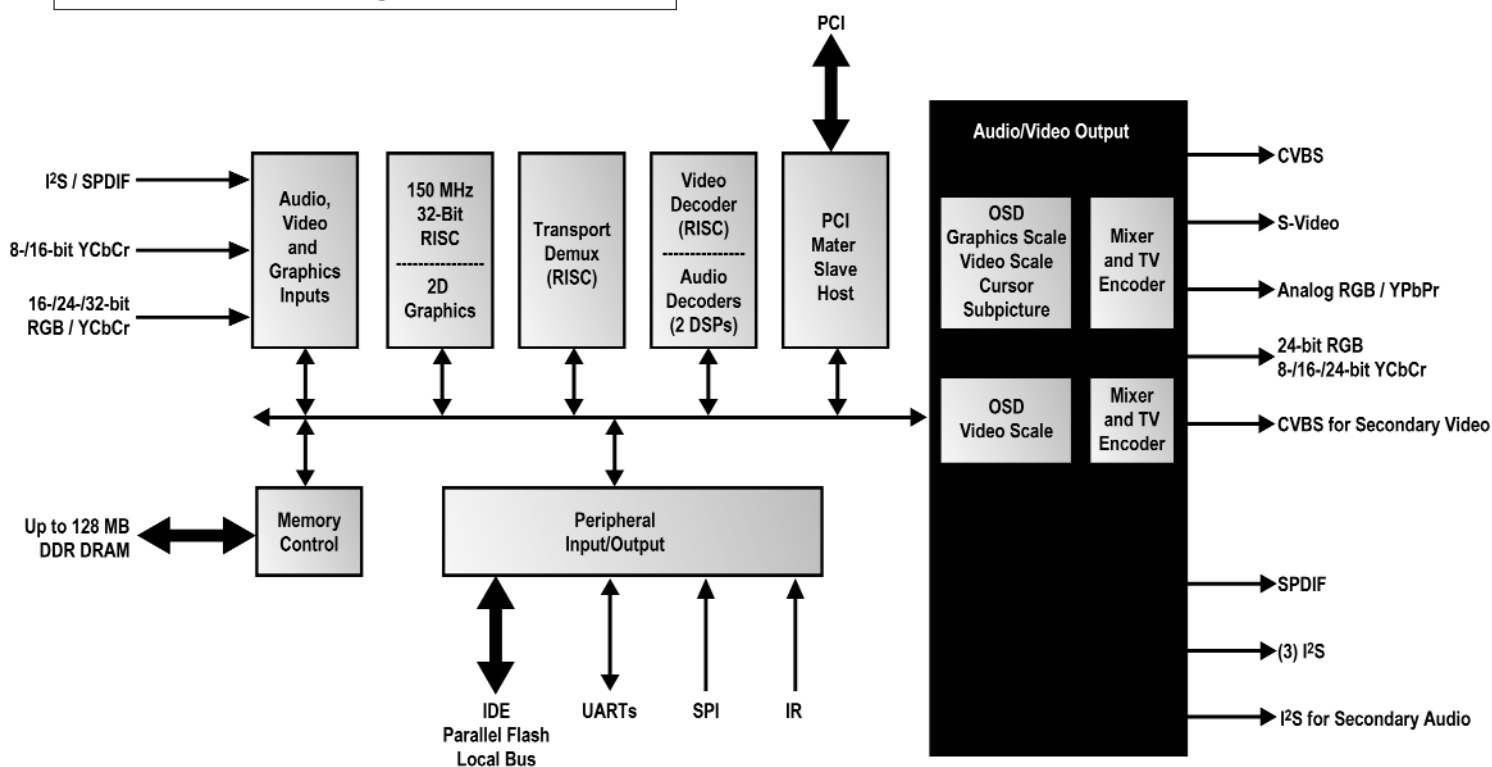


The EM8610 provides a highly-integrated solution for ATSC, DVB, OpenCable™, IP video, DVD and MPEG-4 decoding. Based on the company's award-winning REALmagic® Video Streaming Technology, it incorporates flexible, advanced audio/video processing, enabling cost-effective solutions for consumer appliances, such as video endpoints, digital televisions and plasma displays. The EM8610 also enables manufacturers to easily incorporate advanced capabilities such as streaming video, progressive DVD playback, video-on-demand (VOD), PVR and picture-in-picture (PIP) functionality into their products.

- Supports high-definition ATSC, DVB and OpenCable standards.
- Supports DVD-Video, Superbit™ DVD, DVD-Audio, DVD-R/-RW/+R/+RW, SVCD, VCD, CD/-R/-RW media formats.
- Advanced video processing includes 32-bit OSD, 2D graphics, adaptive deinterlacing, adaptive flicker filtering and prioritized alpha mixing (ARIB compatible).
- Supports MPEG-2, MPEG-4, ISMA MPEG-4 and MPEG-4 over MPEG-2 transport streaming.
- MPEG-1, MPEG-2 MP@HL and MPEG-4 Advanced Simple Profile Level 5* video decoding.
- Dolby® Digital, MPEG-1 and MPEG-2 Layers I, II and III (MP3), MPEG-2 BC multi-channel Layers I, II and III, and MPEG-2 and MPEG-4 AAC-LC audio decoding.

SIGMA DESIGNS®

EM8610 Block Diagram:



	Macrovision
EM8610	●
EM8611	

* without support global motion compensation (GMC)

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