



ESPICO

Specialists in Speech and Audio Software Development

Dolby® Digital Compatible Output Consumer Encoder

The Dolby® Digital Compatible Output Consumer Encoder is a low cost version of a professional encoder capable of encoding 1 to 5.1 channel audio.

The ESPICO implementations are based on the Dolby reference model with proprietary optimisations to reduce memory and MHz requirements. Contact ESPICO for specific resource requirements.



Features

- ◆ Fully tested and qualified by Dolby
- ◆ Implements the Dolby Digital Consumer Encoder for reduced complexity
- ◆ Bitstream is fully compatible with ATSC Standard A/52A: Digital Audio Compression (AC-3) Standard, Rev. A

Availability

ESPICO's optimised solution can be ported to any platform. Platforms supported include:

- ◆ ZSP Cores including ZSP400, ZSP500, ZSP800 families
- ◆ ARM including Cortex and Neon™
- ◆ MIPS32 74K™
- ◆ Ceva DSP Cores

Applications

- ◆ Blu-ray Disc™
- ◆ Set-top boxes
- ◆ IPTV

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