



ESPICO

Specialists in Speech and Audio Software Development

Dolby® Digital Plus

Dolby® Digital Plus is a versatile digital audio coding technology that extends the capabilities of Dolby Digital. Dolby® Digital Plus delivers up to 7.1 channels of surround sound, with scalable sound delivery and a wide range of bit rates ensuring optimized sound quality and efficiency for the available bandwidth. It supports a wide range of existing and emerging home theater, broadcast, streamed content and mobile applications.



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
- ◆ Supports up to 5.1 and 7.1 channels and transcoder
- ◆ Enables up to 13.1 channels of dynamic sound to support new and emerging content delivery formats

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™
- ◆ Home theater
- ◆ Digital broadcasts
- ◆ HD video discs

Contact ESPICO Ltd

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