



ESPICO

Specialists in Speech and Audio Software Development

Dolby® Digital 5.1 Creator Consumer Encoder

Dolby® Digital 5.1 Creator is an efficient audio coding technology that lets consumers record high-quality Dolby Digital 5.1-channel audio onto devices such as camcorders and hard disk recorders. Dolby® Digital 5.1 Creator is a version of Dolby Digital perceptual audio coding optimised for consumer applications, making it possible to store high-quality digital sound far more efficiently than it is to store conventional PCM recording. It is an audio standard for recording video on DVD, Blu-ray Disc™, AVCHD-based camcorders and digital still cameras.



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™
- ◆ Camcorders
- ◆ Digital-still cameras
- ◆ Optical disc
- ◆ Hard disk recorders

Contact ESPICO Ltd

ESPICO Ltd
Beaufort House
Devauden, Monmouthshire NP16 6PE
United Kingdom

Phone: +44(0) 1291 650426
Fax: +44(0) 1291 650426
E-mail: enquiries@espico.com
www.espico.com