

Allegro streams

H.264/MPEG-4 AVC AUDIO-VIDEO SYSTEM STREAMS

Allegro Audio-Video System Streams are the perfect tools to validate:

- Audio-Video synchronization
- Dynamic changes in picture resolution
- Dynamic changes in picture aspect ratio
- Dynamic changes in video codec

Available in the latest audio and video formats, they enable to certify ICs or products: Set-Top-Box, DVD, Blu-Ray, HD-DVD, Mobile Phone...



ALLEGRO
Digital Video Technology

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Allegro System Streams are specially designed to help your system validation, by providing two levels of verification: quick visual check, or in-depth and accurate analysis with measuring tools.

They support all popular audio and video compression formats, including :

Video

- H.264 CIF Baseline Profile
- H.264 SD High Profile
- H.264 HD High Profile
- MPEG-2 CIF MP@ML
- MPEG-2 SD MP@ML
- MPEG-2 HD MP@HL

Audio

- MPEG-1 Layer I and II
- AC-3
- AAC-LC
- HE-AAC v1 (aacPlus)
- HE-AAC v2 (aacPlus v2)

Type	Name	Number of streams
Audio-Video synchronization	AVSync	114
Dynamic changes in picture resolution	MultiRes	56
	TransRes	84
Dynamic changes in picture aspect ratio	TransSAR	12
Dynamic changes in video codec	MultiRes	84
	TransRes	56

The streams can be customized to fit your exact requirements:

Modular streams

- Audio and Video codec selection
- number of audio channels (stereo, 5.1)
- picture resolution
- bit rate

Several system formats

- MPEG-2 Transport (13818-1)
- 3GPP
- 3GPP2
- MPEG-4

Allegro has been chosen by the leading companies of the Digital Video industry.



Allegro is a leading provider of video compression solutions, including industry standard H.264/MPEG-4 AVC Compliance Test Suites, Real-time audio/video Encoders for Broadcast applications and Technical Trainings. More information on Allegro can be found at <http://www.allegrodtv.com>



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