

Fraunhofer IIS Audio and Multimedia Standard Products and Availability*

Products	Features, Use	PC	PowerPC	Texas Instruments		ARM	MIPS	Freescall	Analog Devices	Source code for:
		Win / MacOS X / Linux	Embedded	C64, OMAP, DaVinci	C67			563xx ¹	Blackfin	TI-C55, StarCore, and others
Low Complexity AAC (AAC-LC)	Most common AAC profile - used by iPod and other music players	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder
Low Delay AAC (AAC-LD)	20 ms algorithmic coding delay - for interactive use	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder
Enhanced Low Delay AAC (AAC-ELD)	Lower delay than AAC-LD or lower bit-rate at same quality as AAC-LD	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder		Encoder Decoder	Encoder Decoder
HD-AAC	Lossless audio compression - scalable and backwards compatible to AAC-LC	[Encoder] [Decoder]	Encoder [Decoder]	Encoder [Decoder]	[Decoder]	Encoder Decoder	Encoder [Decoder]		Encoder [Decoder]	Encoder [Decoder]
HE-AAC (version 2 with Parametric Stereo unless noted)	Improved quality below 64 kbit/s per channel – used in DAB+, DRM, DMB, DVB-H, MediaFLO, 3GPP	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder (v2) Decoder (v1)	Encoder Decoder	Encoder Decoder
mp3	The original music format from Fraunhofer	Encoder Decoder	Encoder Decoder	Encoder Decoder	[Encoder] Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder
MPEG Layer II	Used by European Broadcasting, DAB	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Encoder Decoder	Decoder	Encoder Decoder	Encoder Decoder
mp3 Surround	5.1 channel surround sound, compatible with mp3	Encoder Decoder	Encoder Decoder	Encoder Decoder	[Encoder] Decoder	Encoder Decoder	Encoder Decoder		Encoder Decoder	Encoder Decoder
mp3D	Stereo/5.1 processing for headphones	Decoder	Decoder	Decoder	Decoder	Decoder	Decoder		[Decoder]	[Decoder]
MPEG Surround	Surround sound near stereo bit-rates, multi-channel and binaural decoding	[Encoder] [Decoder]	Encoder [Decoder]	Encoder [Decoder]	Encoder [Decoder]	Encoder [Decoder]	Encoder [Decoder]		Encoder [Decoder]	Encoder [Decoder]
Audio Communication Engine	Low delay streaming system, acoustic echo control, low delay audio codecs	Client	Client	Client	Client	Client	Client		Client	Client
MPEG-4 Part 2 Video	Simple, Advanced Simple Profiles	Decoder				Decoder				
MPEG-4 AVC Video	H.264 Video Coding	Decoder				Decoder	[Decoder]			
MP4FF	MPEG-4 File Format Library	Reader Writer	Reader [Writer]	Reader [Writer]		Reader [Writer]	Reader [Writer]		Reader [Writer]	Reader [Writer]

Availability:
Immediately
[4 weeks after order]
[12 weeks after order]
Under Development
¹ through third party

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