

Products	Features, Use	PC		Mobile, CE, Embedded		Texas Instruments				ARM		Analog Devices		MIPS		PowerPC		Tilera		Freescale		Source code for:	
		Win / Mac OS X / Linux		Android, iPhone OS		C64, OMAP, DaVinci	C67					Blackfin			Embedded			563xx <sup>1</sup>		TI-C55, StarCore, and others			
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, ATSC-MH, DVB	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder upon request	Decoder upon request	Encoder (v2) ●	Decoder (v1) ●	Encoder ●	Decoder ●
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 upon request	Decoder upon request	Encoder ●	Decoder ●	Encoder ●	Decoder ●
Low Delay AAC (AAC-LD)	Communication codec with 20 ms algorithmic delay	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder upon request	Decoder upon request	Encoder ●	Decoder ●	Encoder ●	Decoder ●
Enhanced Low Delay AAC (AAC-ELD)	Successor of AAC-LD: lower delay or lower bit-rate at same audio quality	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder upon request	Decoder upon request			Encoder ●	Decoder ●
HD-AAC	Lossless audio compression – scalable and backwards compatible to AAC-LC	Encoder ●	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder upon request	Decoder upon request			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 upon request	Decoder upon request	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 ●	Encoder upon request	Decoder upon request			Encoder ○	Decoder ●
mp3D	Stereo/5.1 post-processing for headphones		Decoder ●		Decoder ●	Decoder ●			Decoder ●		Decoder ●		Decoder ●		Decoder ●		Decoder ●		Decoder upon request				Decoder ●
mp3 HD	Lossless audio codec, compatible with mp3	Encoder ●	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder upon request	Decoder upon request			Encoder ○	Decoder ●
MPEG Surround	Surround sound at stereo bit-rates, multi-channel and binaural decoding	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder ○	Decoder ●	Encoder upon request	Decoder upon request			Encoder ○	Decoder ●

### Availability:

 Immediately
  4 weeks after order
  12 weeks after order
  under development

<sup>1</sup> through third party

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MPEG Layer II	Used by European Broadcasting, DAB	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder ●	Decoder ●	Encoder upon request ○	Decoder upon request ○		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 ○		Client upon request ○				Client ○	
Journaline	Teletext for digital radio – data application for DAB, DRM and HD Radio		Decoder ●			Decoder ○		Decoder ○		Decoder ○		Decoder ○		Decoder ○		Decoder ○			Decoder upon request ○				Decoder ○
DAB ContentServer R5	Professional broadcast encoder system for DAB digital radio	The Fraunhofer DAB ContentServer R5 is available through Fraunhofer's OEM partners as a complete product including hardware and specific customer support services. For details, please contact cs-support@iis.fraunhofer.de.																					
DRM ContentServer R5	Professional broadcast encoder system for DRM digital radio (Digital Radio Mondiale)	The Fraunhofer DRM ContentServer R5 is available through Fraunhofer's OEM partners as a complete product including hardware and specific customer support services. For details, please contact cs-support@iis.fraunhofer.de.																					
MPEG-4 AVC Video	H.264 video coding		Decoder ●								Decoder ●				Decoder ○								
MPEG-4 Part 2 Video	Simple Profile, Advanced Simple Profiles		Decoder ●								Decoder ●												
MP4FF	MPEG-4 File Format Library	Reader ●	Writer ●	Reader ○	Writer ○	Reader ●	Writer ○			Reader ●	Writer ○	Reader ●	Writer ○	Reader ●	Writer ○	Reader ●	Writer ○	Reader upon request ○	Writer upon request ○			Reader ●	Writer ○

**Availability:**

● Immediately   ○ 4 weeks after order   ○ 12 weeks after order   ○ under development

<sup>1</sup> through third party

For the current version of this chart, please visit <http://www.iis.fraunhofer.de/EN/bf/amm/download/techninfo.jsp>.

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