

Taking DSP performance to
maximum warp
 has never been easier

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name
configuration Section
model_name
IDH09_PS100
IDH04_UOT335_PS100
IDH04_UOT335_PS100
IDH04_PS100
IDH09_PS100
IDH09_PS100
IDH04_CUK63_PS100
IDH09_PS100
IDH09_PS100
IDH09_PS100
IDH04_UOT335_PS100
IDH04_UOT335_PS100
IDH04_UOT335_PS100
IDH04_UOT335_PS100
IDH04_UOT335
  
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TI's eXpressDSP software and development tools help deliver maximum speed - with minimum effort.

- Full design-flow support for TMS320C6000™/C5000™/C2000™ DSP platforms
- Mature and proven IDE and integrated royalty-free DSP/BIOS™ kernel
- Code Composer Studio™ IDE pricing starts at \$500
- Speed up development time with a rich selection of ready-to-use software components and eXpressDSP-compliant algorithms
- C/C++ compilers offer best-in-class performance
- Fully functional DSP Starter Kits (including board and IDE) starting at \$295
- Support packages include free Reference Frameworks starter code, device drivers, board support and fully documented software application libraries
- Application-specific software solutions and support from over 600 third-party network members



Easily access the full capability of your high-performance DSP design with eXpressDSP™ software and development tools. To learn more and get a free copy of our *eXpressDSP for Dummies*

handbook, visit www.ti.com/dspsoeasy

Third-Party Algorithms – Ready to Integrate

Voice Coders/Decoders G.711, G.722, G.723, G.726, G.728, G.729, GSM and more
Voiceband Fax Modems V.17, V.21, V.22, V.23, V.27, V.29, V.32, V.34, V.90 and more
Telephony VAD, CNQ, DTMF, CPTD, CID, LEC and more
Audio MP3, AEC, AAC, VIP, WOW, VIBE and more
Video/Imaging JPEG, MPEG2, MJPEG, JPEG2000, H.263, MPEG4
New Markets Voice Recognition Encryption, Fingerprint, GPS, DAB, DVB

Code Composer Studio IDE v2.2

- Editor, debugger, project manager, profiler
- C/C++ compiler, assembler, linker
- Instruction set simulator and hardware emulation support
- TMS320™ DSP Algorithm Standard Developers Kit
- DSP/BIOS kernel: integrated royalty-free real-time software
- RTDX™ technology: real-time data exchange between host and target
- Real-time analysis and data visualization tools

Algorithm Performance

	Encode	Decode	TI DSP
MP3	8%	7%	C6713
WMA	22%	10%	C6713
MPEG2 (MP@ML)	71% (D1)	21% (D1)	C6416

See our Web site for complete benchmark information.

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