



AUDIO

eXpressDSP™-Compliant Third-Party Algorithms

Updated May 2004

Compliant Algorithm	Generation	Third-Party Vendor	Compliant Algorithm	Generation	Third-Party Vendor
3D Stereo	C54x	Spatializer Audio Labs	MP3 Encoder	C54x	Ingenient Technologies
3D Stereo	C55x	Spatializer Audio Labs	MP3 Encoder	C54x	CuTe Solutions
AAC Decoder	C54x	Ingenient Technologies	MP3 Encoder	C55x	Ingenient Technologies
AAC Decoder	C55x	SPIRIT CORP.	MP3 Encoder	C55x	CuTe Solution
AAC Decoder	C62x	Ingenient Technologies	MP3 Encoder	C62x	CuTe Solution
AAC Decoder	C62x	SPIRIT CORP.	MP3 Encoder	C62x	Ingenient Technologies
AAC Decoder	C64x	SPIRIT CORP.	MP3 Encoder	C62x	CuTe Solution
AAC Encoder	C62x	Ingenient Technologies	MPEG2 AAC Encoder	C67x	Fraunhofer IIS
Acoustic Echo Cancellor	C54x	Creative DSP Solutions	MPEG2 L3 Decoder	C54x	Ingenient Technologies
Acoustic Echo Cancellor	C54x	Ingenient Technologies	MPEG2 L3 Decoder	C55x	Ingenient Technologies
Acoustic Echo Cancellor	C54x	Indesign	MPEG2 L3 Decoder	C62x	Ingenient Technologies
Acoustic Echo Cancellor	C54x	SPIRIT CORP.	MPEG2/4 AAC Decoder	C64x	ATEME
Acoustic Echo Cancellor	C55x	Creative DSP Solutions	MPEG2/4 AAC Decoder	C64x	Ittiam Systems
Acoustic Echo Cancellor	C55x	Ingenient Technologies	MPEG2/4 AAC Encoder	C64x	ATEME
Acoustic Echo Cancellor	C55x	SPIRIT CORP.	MPEG2/4 AAC Encoder	C64x	Ittiam Systems
Acoustic Echo Cancellor	C64x	Ingenient Technologies	MPEG4 AAC LC Decoder	C54x	Ingenient Technologies
Adaptive Noise Cancellor	C54x	DSPecialists GmbH	MPEG4 AAC LC Decoder	C55x	Ingenient Technologies
ASF-M	C54x	NCT Group	MPEG4 AAC LC Encoder	C62x	Ingenient Technologies
ATM-SAR Software Solution (AAL2 Support)	C64x	e-Infochips	MPEG4 AAC LC Encoder	C64x	Ingenient Technologies
ATM-SAR Software Solution (AAL5 Support)	C64x	e-Infochips	MPEG4 Decoder	C55x	Ingenient Technologies
Chorus	C67x	Spectral Design	Noise Reduction	C54x	Creative DSP Solutions
Circle Surround II	C67x	SRS Labs	Noise Reduction	C55x	Creative DSP Solutions
Compressor	C67x	DSPecialists GmbH	Noise Reduction, Low Frequency	C54x	Alango
Dialog	C55x	SRS Labs	Octimax	C54x	Octiv
Equalizer	C67x	DSPecialists GmbH	Octivox	C54x	Octiv
FEX_C5	C54x	Conversay	Pathfinder Noise Suppression	C55x	Aliph Com
Flanger	C67x	DSPecialists GmbH	Phase Corrected Equalization	C55x	Spatializer Audio Labs
Full Duplex Echo Cancellation	C54x	SignalWorks	Reverb	C67x	DSPecialists GmbH
Full Spectrum Dynamic Compression	C54x	Sound ID	Speech Compressor for Hearing Aids	C54x	Two Pi
Function Generator	C67x	DSPecialists GmbH	Time-Scale Tailor	C54x	Enounce
Headphones	C54x	Spatializer Audio Labs	Vi.B.E™	C54x	Spatializer Audio Labs
Headphones	C55x	Spatializer Audio Labs	Vi.B.E	C55x	Spatializer Audio Labs
Mixer	C67x	DSPecialists GmbH	VoIP	C54x	SPIRIT CORP.
Mono Eq 4 Band	C67x	D+R Electronika B.V.	VoIP	C55x	SPIRIT CORP.
MP3 Decoder	C28x	SPIRIT CORP.	VIP – Voice Intelligibility	C54x	SRS Labs
MP3 Decoder	C54x	SPIRIT CORP.	VIP – Voice Intelligibility	C55x	SRS Labs
MP3 Decoder	C54x	Ittiam Systems	WMA Decoder	C54x	Ingenient Technologies
MP3 Decoder	C55x	SPIRIT CORP.	WMA Decoder	C55x	CuTe Solution
MP3 Decoder Gold	C54x	CuTe Solutions	WOW – Voice	C54x	SRS Labs
MP3 Decoder Silver	C54x	CuTe Solutions	WOW – Voice	C55x	SRS Labs



Complete Listing of eXpressDSP™-Compliant Third-Party Algorithms

Updated May 2004

Third Party	3P Website	TI DSP Device			Application										
		C2000™	C5000™	C6000™	Audio	DMC	Fax	Protocol Stacks	Security	Speech	Telephony	VB Modems	Video & Imaging	Vocoders	Wireless
Acoustic Technologies, Inc.	www.acoustictech.com	X		X							X				
Adaptive Digital Technologies, Inc.	www.adt-inc.com		X								X			X	
Advanced Recognition Technologies, Inc.	www.artcomp.com		X							X					
Alango	www.alango.com/		X		X										
Aliph Com	www.aliph.com		X		X										
ATEME	www.ateme.fr		X	X	X								X		
Bayer DSP	www.dsp-bayer.com		X					X			X				X
Clarity, LLC	www.clarityco.com		X							X					
Commetrex Corp.	www.commetrex.com		X	X				X			X			X	
Creative DSP Solutions, Inc.	www.creativedsp.com		X		X										
CuTe Solutions	www.cutesolinc.com/			X	X										
Cybernetics Infotech	www.cybit.com		X											X	
D2 Technologies, Inc.	www.d2tech.com		X								X			X	
D+R Elektronika B.V.	www.d-r.nl			X	X										
DACS Software Pvt. Ltd.	www.dacsindia.com		X								X				
Dilithium Networks	www.dilithiumnetworks.com		X	X							X				
DSP Wizard	www.dspwizard.com		X											X	
DSPecialists GmbH	www.dspecialists.de		X	X	X										
e-Infochips, Inc.	www.einfochips.com			X	X										
easytools s.l.	www.easytools.es		X						X						
Electronic Design Associates, Inc.	www.useda.com		X		X										
Emuzed, Inc.	www.emuzed.com		X	X									X		X
Encore Software Ltd.	www.ncorettech.com		X	X										X	
Enounce, Inc.	www.enounce.com		X		X										
eSecurium	www.esecurium.com		X						X						
Ethentica by Security First Corp.	www.ethentica.com		X						X				X		
Fonix Corp.	www.fonix.com		X							X					
Fraunhofer IIS	www.iis.fhg.de			X	X										
GAO Research, Inc.	www.gaoresearch.com	X							X	X	X		X		
Global IP Sound AB	www.globalipsound.com	X												X	
HelloSoft, Inc.	www.hellosoft.com		X								X			X	X
IdenCom	www.idencom.com/			X					X				X		
IdentAlink	www.identalink.de/			X					X				X		
ILLICO	www.illico.com		X	X				X			X				
Ingenient Technologies, Inc.	www.ingenient.com		X	X	X				X	X	X		X	X	
Ittiam Systems Private Limited	www.ittiam.com		X	X	X					X			X	X	



Complete Listing of eXpressDSPTM-Compliant Third-Party Plug-Ins

Updated May 2004

eXpressDSP-Compliant Plug-Ins Available Today Include:

Name	Contact	Stage of the Development Cycle				TI DSP Platform		
		Application Design	Code & Build	Debug	Analyze & Tune	C6000 TM	C5000 TM	C2000 TM
Borland Corporation CodeWright	www.borland.com		X			X	X	
Elanix SystemView's Real-Time DSP Architect	www.elanix.com	X	X			X	X	
National Instruments / Hyperception, Inc. eXpressDSP TM Component Wizard	www.ni.com	X				X	X	X
LabView DSP Test Integration Toolkit for TI DSP		X		X	X	X	X	X
Visual Application Builder		X	X		X	X	X	X
Pentek, Inc. SwiftNet Debug Manager	www.pentek.com	X				X		
SwiftNet Project Manager		X				X		
Rational Software Corporation Rational Test Real-Time Plug-In	www.rational.com			X	X	X		
Technosoft Control Panel Global Variable Visualizer for Digital Motor Controllers (DMCs)	www.technosoft.ch				X			X
Graphical I/O Registers Viewer for DMCs					X			X
Data Logger Tool for DMCs					X			X
Reference Generator for Motion Reference for DMCs				X	X			X
The MathWorks, Inc. Filter Design Toolbox	www.mathworks.com	X	X			X	X	X
MATLAB [®] Link for Code Composer Studio (CCStudio) IDE			X	X	X	X	X	X
SIMULINK [®] Embedded Target for C6000 TM DSP Platform		X	X	X	X	X		
Vector Software, Inc. VectorCAST for CCStudio	www.vectors.com			X		X	X	X
Visual Solutions Incorporated VisSim TM -CCStudio Plug-In	www.vissim.com	X	X			X		X

X – supported