



VIDEO & IMAGING

eXpressDSP™-Compliant Third-Party Algorithms

Updated May 2004

Compliant Algorithm	Generation	Third-Party Vendor
Digital Video-25	DM64x	Mecoso Technology
H.261 Decoder	C62x	UB Video
H.261 Encoder	C62x	UB Video
H.263 Decoder	C62x	Dilithium Networks
H.263 Decoder	C62x	Mecoso Technology
H.263 Decoder Ver 1.0	C62x	UB Video
H.263 Decoder Ver 2.0	C62x	UB Video
H.263 Encoder	C55x	Emuzed
H.263 Encoder	C62x	Emuzed
H.263 Encoder	C62x	Mecoso Technology
H.263 Encoder	C64x	Emuzed
H.263 Encoder Ver 1.0	C62x	UB Video
H.263 Encoder Ver 2.0	C62x	UB Video
H.263 TDM to/from H.263 TCP/IP	C62x	Dilithium Networks
JPEG Codec	C54x	ATEME
JPEG Codec	C55x	ATEME
JPEG Codec	C62x	ATEME
JPEG Codec	DM64x	Mecoso Technology
JPEG Decoder	C54x	ATEME
JPEG Decoder	C55x	ATEME
JPEG Decoder	C55x	Emuzed
JPEG Decoder	C62x	ATEME
JPEG Decoder	C64x	ATEME
JPEG Encoder	C54x	ATEME
JPEG Encoder	C55x	ATEME
JPEG Encoder	C55x	Emuzed
JPEG Encoder	C62x	ATEME
JPEG Encoder	C62x	Mango DSP
JPEG Encoder	C64x	ATEME
MJPEG Codec	C54x	ATEME
MJPEG Codec	C55x	ATEME
MJPEG Codec	C62x	ATEME
MJPEG Codec	DM64x	Mecoso Technology
MJPEG Decoder	C54x	ATEME
MJPEG Decoder	C55x	ATEME
MJPEG Decoder	C62x	ATEME
MJPEG Encoder	C54x	ATEME
MJPEG Encoder	C55x	ATEME

Compliant Algorithm	Generation	Third-Party Vendor
MJPEG Encoder	C62x	ATEME
MPEG1 Decoder	C62x	Mecoso Technology
MPEG1 Encoder	C62x	Mecoso Technology
MPEG2 Decoder	C62x	ATEME
MPEG2 Decoder	C64x	ATEME
MPEG4 Adv. Simple Profile Decoder	C62x	Ingenient Technologies
MPEG4 Adv. Simple Profile Encoder	C62x	Ingenient Technologies
MPEG4 Adv. Simple Profile Encoder	C64x	Prodys
MPEG4 ASP Level 4 Encoder	C64x	Prodys
MPEG4 Core Profile Encoder	C64x	Prodys
MPEG4 Decoder	C55x	Sasken Communication Tech.
MPEG4 Decoder	C55x	UB Video
MPEG4 Decoder	C62x	ATEME
MPEG4 Decoder	C62x	Dilithium Networks
MPEG4 Decoder	C62x	Mecoso Technology
MPEG4 Decoder	C64x	ATEME
MPEG4 Encoder	C55x	UB Video
MPEG4 Encoder	C62x	Mecoso Technology
MPEG4 Encoder	C64x	Prodys
MPEG4 Simple Profile	C64x	Ittiam Systems
MPEG4 Simple Profile Decoder	C62x	Ingenient Technologies
MPEG4 Simple Profile Decoder	C62x	Prodys
MPEG4 Simple Profile Decoder	C64x	Ingenient Technologies
MPEG4 Simple Profile Decoder	C64x	Prodys
MPEG4 Simple Profile Encoder	C62x	Ingenient Technologies
MPEG4 Simple Profile Encoder	C62x	Prodys
MPEG4 Simple Profile Encoder	C64x	Ingenient Technologies
MPEG4 Simple Profile Encoder	C62x	Prodys
MPEG4 Simple Profile Video Decoder	C55x	Emuzed
MPEG4 Simple Profile Video Decoder	C62x	Prodys
MPEG4 Simple Profile Video Decoder	C64x	Prodys
MPEG4 Simple Profile Video Encoder	C55x	Emuzed
MPEG4 Simple Profile Video Encoder	C62x	Emuzed
MPEG4 Simple Profile Video Encoder	C64x	Emuzed
MPEG4 VSP Decoder	C64x	ATEME
VP4 Decoder	C62x	On2 Technologies
VP4 Decoder	C64x	On2 Technologies



Complete Listing of eXpressDSP™-Compliant Third-Party Algorithms

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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 eXpressDSP™-Compliant Third-Party Plug-Ins

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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™	C5000™	C2000™
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™ 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™ DSP Platform		X	X	X	X	X		
Vector Software, Inc. VectorCAST for CCStudio	www.vectors.com			X		X	X	X
Visual Solutions Incorporated VisSim™-CCStudio Plug-In	www.vissim.com	X	X			X		X

X – supported