



# VB MODEMS

## eXpressDSP™-Compliant Third-Party Algorithms

Updated May 2004

Compliant Algorithm	Generation	Third-Party Vendor
AGC	C54x	Ingenient Technologies
AGC	C54x	SPIRIT CORP.
BELL 103 Modem (demod)	C54x	MESi
BELL 103 Modem (mod)	C54x	MESi
BELL 202 Modem (demod)	C54x	MESi
BELL 202 Modem (mod)	C54x	MESi
Binary Phase Shift Key Modem	C54x	Ingenient Technologies
Binary Phase Shift Key Modem	C64x	Ingenient Technologies
DTMF Generator	C54x	Ingenient Technologies
G3MDP	C54x	SPIRIT CORP.
Soft Modem (Medium speed)	C54x	Netbricks
UPD Fax/Modem Pumps	C55x	SPIRIT CORP.
UPD Modem Pumps	C55x	SPIRIT CORP.
UDP V.23 Fax/Modem Pumps	C55x	SPIRIT CORP.
Univ Multifrequency Tone Detect	C54x	SPIRIT CORP.
Univ Multifrequency Tone Detect	C55x	SPIRIT CORP.
V.21 Receive	C54x	ILLICO
V.21 Transmit/Receive	C54x	GAO Research Inc.
V.22	C54x	Ingenient Technologies
V.22 bis Transmit/Receive	C54x	GAO Research Inc.

Compliant Algorithm	Generation	Third-Party Vendor
V.22 bis Transmit/Receive	C54x	MESi
V.23 Receive	C54x	MESi
V.23 Transmit	C54x	MESi
V.23 Transmit/Receive	C54x	GAO Research Inc.
V.32 / V.32 bis / V.22 / V.22 bis	C54x	SPIRIT CORP.
V.32 bis	C54x	GAO Research Inc.
V.32 bis	C54x	MESi
V.32 bis	C54x	SPIRIT CORP.
V.32 Transmit/Receive	C54x	ILLICO
V.34 Data Pump	C54x	GAO Research Inc.
V.34/V.34+	C62x	SURF Communication Solns.
V.42	C54x	SPIRIT CORP.
V.42 bis	C54x	GAO Research Inc.
V.42 bis	C54x	SPIRIT CORP.
V.42 bis Decoder	C62x	Signals + Software
V.42 bis Encoder	C62x	Signals + Software
V.90	C62x	SURF Communication Solns.
V.90 Data Pump	C54x	GAO Research Inc.
V.150	C64x	SURF Communication Solns.



# 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 Electronika 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

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™	C5000™	C2000™
Borland Corporation CodeWright	<a href="http://www.borland.com">www.borland.com</a>		X			X	X	
Elanix SystemView's Real-Time DSP Architect	<a href="http://www.elanix.com">www.elanix.com</a>	X	X			X	X	
National Instruments / Hyperception, Inc. eXpressDSP™ Component Wizard	<a href="http://www.ni.com">www.ni.com</a>	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	<a href="http://www.pentek.com">www.pentek.com</a>	X				X		
SwiftNet Project Manager		X				X		
Rational Software Corporation Rational Test Real-Time Plug-In	<a href="http://www.rational.com">www.rational.com</a>			X	X	X		
Technosoft Control Panel Global Variable Visualizer for Digital Motor Controllers (DMCs)	<a href="http://www.technosoft.ch">www.technosoft.ch</a>				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	<a href="http://www.mathworks.com">www.mathworks.com</a>	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	<a href="http://www.vectors.com">www.vectors.com</a>			X		X	X	X
Visual Solutions Incorporated VisSim™-CCStudio Plug-In	<a href="http://www.vissim.com">www.vissim.com</a>	X	X			X		X

X – supported