



1996 TMS320 Third-Party Support Reference Guide

The *TMS320 Third-Party Support Reference Guide* (literature number SPRU052C) is a companion resource of development products available for the TMS320 family of digital signal processors (DSPs). The products include assemblers, linkers, simulators, high-level language compilers, emulators, algorithm development software and hardware, and application software and hardware. The information is organized alphabetically by Third Party. Consultants are also listed alphabetically. Contact the TI Literature Response Center to request your free guide.

Following is a detailed list of the third-party providers and the development support tools contained in the *TMS320 Third-Party Support Reference Guide*.

2500AD Software, Inc.

2500AD TMS320 Macro Cross Assembler

AB-RoBioMat di Angelo Baronchelli & Dott. Gàbor Gulyàs

POLYP -T44-1

Acroloop Motion Control Systems, Inc.

Acroloop's ACR6000 and ACR8000 - Multi-Axes Motion Controllers

ADAC Corporation

5400 Series

Advin Systems Inc.

PILOT-MVP: The Most Valuable Programmer

Alacron, Inc.

FT-C80

Alta Group of Cadence Design Systems, Inc.

Signal Processing WorkSystem[®] (SPW[™])

Analogic[®] Corporation

TAP-800 DSP Board for Computer Telephony Applications

Applied Signal Technology, Inc.

B100 Digital Tuner Processor
B105 Modular Digital Processor
B108D/T Digital Receiver Board Set

Aptix Corporation

System Explorer[™]

Ariel Corporation

HydraPlus
Hydra-II
CommIO-IP
Griffin
PC-Hydra8 and PC-Hydra
TIM44-2SG
TIM40-SG
TIM40-DG
VPT-40
Aruba
DSP-C40 Cyclops

Atlanta Signal Processors, Inc.

Peachtree™ DSP Platform
Vortex® System Board
Elf/SR60 DSP Platform
MPEG Digital-Audio Processor
Elf® DSP Platform
Elf/MC DSP Platform
Elf Coprocessor Board
DFDP4/Plus
Chimera™ System
Banshee™ II System Board
Banshee\ VME System Board
A1023 MPEG Audio Encoder Module

The Athena Group, Inc.

MONARCH DSP Software

Beetek, Inc.

BEE-ICE25

Bridgenorth Signal Processing Inc.

BN2500 DSP Development and Data Acquisition Processor
BN4000 DSP Development and Data Acquisition Processor
BN3000 DSP Development and Data Acquisition Processor
BN3216 DSP Analog Interface Module
BN1416 DSP Analog Interface Module

CHEOPS GmbH & Co. KG

RAMSES 3
KAIRO Basic Card
SNOFRU Overlay
SNOFRU Industry

Communication Automation & Control, Inc.

Bulletdsp

Coreco Inc.

Oculus-F/64
MDSP-C44

Corelis Inc.

PI-320C40

D2 Technologies, Inc.

VP Open Development Package

D2 Audio Telephone I/O Board

DGM&S

DGM&S ISDN DSP Basic Rate Adapter

DSP Control Group, Inc.

Mx4 for PC/AT, VMEbus, or Multibus

Mx42

Mx42_ac Standalone

VECTOR4 Parallel DSP-Based Vector-Controlled Drive System Controller

XDSP_dc Dual-Axis DSP-Based Motion Controller

XDSP_ac DSP-Based Vector-Controlled AC-Induction Motor Controller

Visual Basic Mx4 Programming

Mx4 and Windows C and C++

DSPL Compiler/Linker

DSP Research, Inc.

TIGER 31/PC

TIGER 32 EVM

TIGER 31/IP

TIGER 30

TIGER TEM30

TIGER 31/SBus

TIGER TEM30S

TIGER 40

TIGER 440

TIGER TEM40

TIGER 40/SBus

TIGER TEM40S

TIGER 5XF

TIGER 5XE

TIGER TEM50

TIGER TEM50E

TIGER TEM50S

TIGER 5420

TIGER 'C31 Co-Processor

TIGER DAI Digital Audio Interface Board

TIGER TIB Two-Line Telephone-Interface Board

Piranha 3111 Vocoder Module

DSP Solutions

Noise Buster - Digital Filter Design and Simulation Software (V 2.0)

DSP Tools, Inc.

DT31-STD and DT31-HI boards

PCI-31 board

dSPACE

dSPACE Development System
DS1102
DS1002
DS1003
DS1201
A/D - D/A Peripheral Boards
Digital I/O Boards
DS2301 Direct Digital Synthesis Board
DS3001 Incremental Encoder Board
DS4110 Memory Expansion Board
DS4201 Prototyping Board
DS4201-S Serial Communication Board
DS4301 CAN/VAN Interface
DS5001 Digital Waveform Capture Board
Expansion Boxes (PX6, PX20, AutoBox, MiniBox)
Connector Panels
Real-Time Interface (RTI)
MLIB (MATLAB-DSP Interface Library)
MTRACE (MATLAB-Callable TRACE)
TRACE
COCKPIT
CLIB (C Language Host-DSP Interface Library)
Debugger
TextIO
Real Motion 3-D Animator

DY 4 Systems Inc.

DMV-443 Quad TMS320C40 DSP
DMV-442 Quad TMS320C40 DSP
DMV-674 Frame Grabber
DMV-678 High-Speed Analog Capture Board
DMV-783 Graphics and Image Processor

Daimler-Benz Aerospace AG

PhotoJet10-PCI

Dalanco Spry

Model 250
Model 5000
Model 310
Model 320-104

DEEMAX Technology, Inc.

In-Circuit Emulator: P-ICE 320C14/C15/C16/C2x/C5x, Control System: CSDK-14, 25, 31, 50

Dialogic Corporation

Antares™ Platform

Dicon Lab, Inc.

DSPProto3X Series Development Systems

Digisonix, Inc.

DIGIWARE™ Application Development System for Active Sound & Vibration Control

dli digital logic instruments GmbH

Personal Line
pro Line

Domain Technologies, Inc.

LINK-C30
PCMCIA-C5x
Toolset-C31
Debug-C3x

Electronic Tools GmbH

miniKit DSP Modules
EVM32 Evaluation Board

Eonic Systems, Inc.

Custom Engineering and Consultancy
Virtuoso Nano
Virtuoso Micro
Virtuoso Modulo 0, 1, 2, 3, 4, 5, 6
Virtuoso Synchro /VSP
Virtuoso Multi-Threaded Host Server
Virtuoso Classico /VSP Technology License
Virtuoso RTOS Board Porting Kit
Virtuoso Technology License

EPIX, Incorporated

4MEG VIDEO Model 10
4MEG VIDEO Model 12
COC402™

Epstein Associates

K9APE™ Automatic Image Analysis Inspection Systems

ESSE-GI s.r.l.

EASY-C80 Project

GSE Gesellschaft fuer Software Engineering mbH

Tartan C and C++ for TMS320C3x and TMS320C4x DSPs
Tartan ADA Development Systems for TMS320C3x and TMS320C4x

General Imaging Corporation

MegaPIPE
S/IP 80
ProtoPIPE
ProtoLIB

GO DSP Corporation

Code Composer 1.5

hema Elektronik Fertigungs-und Vertriebs GmbH

DSP1/DSP2
VSP1

hema Elektronik Fertigungs-und Vertriebs GmbH (Continued)

HPSI1
DSP3

High-Tech Services Partners

HSPTIM-ADM Family of Data Acquisition TIM Modules
MZ7772 family of VME boards
MZ4700 Family of VME Boards
HESB40 SBus to TIM-40 Adapter
HETIM-40 Family of CPU TIM Modules
HETIM-IO Family of I/O TIM Modules

HotHaus Technologies

HotHaus TRUNK Telephony Module
HotHaus Memory Module

Hunt Engineering

HEPC2-M, HEPC3, HEPC2104, HESB40, HEV40, HEV40M, HET40C and Custom
HET40X, HET40SX, HET40SDX, HETWIN, HETWIN-44, HEQUAD and Custom
HETVIO, HECFG44, HECCFG44, HEGD4, VIPTIM, SMT304 and Custom
HETBASEIO, HEXTIM, IPackTIM, HETAIO, HETIO, FLASH and Custom
HET403tl, HET403dtl, TAXIT, TAXIR, HEGD3 and Custom
TI C/ASM, Tartan C/C++, Coffloader, Parallel C, Helios, Virtuoso, SPOX,
Source-Level Debugger, Application Libraries

Hyperception, Inc.

Hypersignal[®] for Windows RT-4

IAT AG IAT Deutschland GmbH

H.320 Developers' Kit A2

I.S.I.T.

DSPROTO
POWER100 Super Universal Programmer and Tester
T12840
LINK-C30
STA132

Image & Signal Processing, Inc.

Blazer Hex 6U VME Board

Innovative Integration Inc.

PC32 ISA Bus Plug-In Supercontroller
PC31 ISA Bus Plug-In Supercontroller
PC44 ISA Bus Plug-In Supercontroller
PC50 ISA Bus Plug-In Supercontroller
PCI32 PCI Bus Plug-In Supercontroller
PCI44 PCI Bus Plug-In Supercontroller
SBC31 Standalone Embeddable Supercontroller
SBC32 Standalone Embeddable Supercontroller
COM44 TIM40-Compatible 'C44 Processor Module
TIM44 High-Performance TIM40 Processor Module
GRABBER31 High-Speed Dual-Channel Analog Capture Card

Innovative Integration Inc. (Continued)

MEM31 DRAM Memory Expansion Card
CAM3X 3XBUS-Compatible Digital Camera Interface
SCSI3X 3XBUS SCSI-2 Adapter Card
LINK4X 4XBUS-Compatible DSP~LINK Interface
EDRAM4X 4XBUS-Compatible RAM Expansion
SCSI4X High-Performance 4XBUS-Compatible SCSI-2 Adapter
DEBUG3X/4X/5X JTAG/MPSD Scan-Path Debuggers

INRIA, Rocquencourt

SynDEx

Instrumental Systems Corporation

DSP25W
DSP30B
DSP40Q
DST44Q
DST40A8x40M
DST40DDC
DSP50Q
DSP80
EML510

JOVIAN Systems, Inc.—An ADAC Company

Pegasus Parallel Processing Development Environment
Io and Triton series

Kane Computing

SMT 311 - FFT Processing TIM
SMT 306 Neural Processing TIM
SMT 301
KC3x Series
KCSbus Series
KC7000 Series
KC44PCI Series
KC5xPC Series
KCE Series
KC7928
KC4700 Series

Loughborough Sound Images plc

MDC40S Parallel DSP Module
MDC40D Parallel DSP Module
MDC40T Twin Processor Parallel OSP Module
MDC40HB Parallel DSP Module
MDC40ED Parallel DSP Module
MDC40YS Shared-Memory Module
MDC40IM Monochrome Image-Processing Module
MDC40IC Color Image-Processing Module
MDC40IL Image-Processing Module with Line-Scan Camera Interface
MDC40X Communications Modules
DBV44 Quad-Module Board with VMEbus Slave Interface
DBV42 Modular TMS320C4x Board with Shared Memory and VMEbus Master/Slave Interface
DBV46 Quad-Module Board with VMEbus with Master/Slave Interface
DBV41

Loughborough Sound Images plc (Continued)

QPC/C40S TMS320C4x Parallel-Processing System
OPC/C40B Quad-Module TMS320C4x Parallel DSP and Parallel-Processing Board
DPC/C40B Dual-Module TMS320C4x Parallel-Processing Board
PC/C40EVM TMS320C40 Evaluation and Development Board
MDC44S Parallel DSP Module
MDC44T Twin-Processor Parallel DSP Module
PCI/C44 TMS320C4x Parallel DSP Processing System
PC/C32 TMS320C32 Real-Time Systems
DBV31A TMS320C31 VMEbus Processor with Flexible I/O
PC/C31 Real-Time Applications Board
TMS320C30 System Board
TMS320C30 Processor Board
TMS320C30 SBus Board
TMS320C25 System Board
TMS320C25 Processor Board
TMS320C50 Development and Application Board
PCI/C80 Applications Board
TMS320C80 MVP-EVM Board

Macrochip Research, Inc.

BTT-523 Breakpoint, Trace, and Timing Analysis System

MEDAV Digitale Signalverarbeitung GmbH

DSP-KIT
SPEKTRO-KIT
UD/VD-5000

Mentor Graphics Corporation

DSP Station™, ASSYNT_C30, ASSYNT_C40

MicroLAB Systems Ltd

MIRAGE-510D Dual-Channel Scan-Path Emulator for TMS320C3x/'C4x/'C5x
TORNADO-3x DSP Systems and 'C3x Emulators Directory
TORNADO-30 Advanced DSP System and 'C3x Emulator
TORNADO-31 DSP System and 'C3x Emulator
TORNADO-31Z DSP System and 'C3x Emulator
TORNADO-30Z DSP System and 'C3x Emulator
UECM-30 Universal Emulation Control Daughter Module for
TORNADO-3x DSP Systems and External 'C3x DSPs
TORNADO-40 DSP System and 'C4x/'C5x Emulator
TORNADO-40D Advanced Dual 'C40 DSP System and 'C4x/'C5x Emulator
TORNADO-44 DSP System and 'C4x/'C5x Emulator
TORNADO-44D Advanced Dual 'C44 DSP System and 'C4x/'C5x Emulator
UECM-JTAG Universal Emulation-Control Daughter Module for
TORNADO-4x/5x DSP Systems and External 'C4x/'C5x DSPs
TORNADO-PX/PXDP DSP Coprocessors for PIOX I/F of TORNADO-3x/4x DSP Systems
TORNADO-SX DSP Coprocessors for Host SIOX I/F of
TORNADO-3x/5x DSP Systems and TORNADO-PX3x/PX5x PIOX Coprocessors
Data Acquisition Daughter Modules for SIOX/PIOX/LIOX Interfaces of
TORNADO DSP Systems and SIOX/PIOX Coprocessors

Mizar, Inc.

MZ 7772 Octal 'C40 DSP Engine (Quad Version Available)
MZ 7775 Quad 'C40 Mil-Spec DSP Engine

Mizar, Inc. (Continued)

MZ 7778 Octal 'C40 Mil-Spec DSP Engine
MZ 4700 Single/Dual 'C80 Parallel DSP Engine
MZ 7914 Dual/Quad 'C44 ISA Board
MZ 7928 Single 'C80 PCI DSP Engine

Momentum Data Systems, Inc.

DSPworks
QEDesign1000 / QEDesign 2000
Multirate Filter Design
Sample Rate Conversion
Quadrature Mirror Filter Bank
Condor-517

MultiDSP Inc.

JPEG Library
ASP 2.0
DSPlus 2.0
DigiFilter 2.0

Nova Engineering, Inc.

Starburst 104C31
Starburst 104C5x

Numerix Ltd.

SigLib

ORINCON Technologies, Inc.

RIPPEN™

Orsys GmbH

„micro-line™“ Embedded DSP Board Family–'C31
„micro-line“ Embedded DSP Board Family–'C32
„micro-line“ Embedded DSP Board Family–'C44

Pacific Cyber/Metrix Inc. (PC/M Inc.)

DSP-444
DSP-449
VSP-91
DSP-428
DSPC-44
DSPC-49

Pentek, Inc.

Model 4285 Octal 'C40 Digital Signal Processor Board for VMEbus
Model 4270 Quad 'C40 Digital Signal Processor Board for VMEbus
Model 4269 is a Dual 'C40 Digital Signal Processor Board for VMEbus
Model 4284 'C40 Digital Signal Processor Board for VMEbus
Model 4257/00 Dual 'C40 Digital Signal Processor Board for VMEbus
Model 4254/00 'C40 Digital Signal Processor Board for VMEbus
Model 4283 TMS320C30 Digital Signal Processor Board for VMEbus
Model 4280 Dual 'C31 DSP Board with Four-Channel Analog I/O for VMEbus
Model 4247/00 'C30 Digital Signal Processor Board for VMEbus

Pentek, Inc. (Continued)

Model 4241 Parallel I/O MIX Module
Model 4242 18-Bit A/D and D/A Converter MIX Module
Model 4243 Two-Channel 18-Bit A/D and D/A Converter MIX Module
Model 4245 32-Channel 16-Bit A/D Converter MIX Module
Model 4246 10-MHz 12-Bit A/D Converter MIX Module
Model 4248 32-Channel 12-Bit or 14-Bit A/D Converter
Model 4249 1-MHz 12-Bit A/D and D/A Converter MIX Module
Model 4250 1-MHz 12-Bit A/D Converter MIX Module
Model 4252 16-Channel 16-Bit A/D and D/A Converter MIX Module
Model 4253 32-Channel 12-Bit D/A Converter MIX Module
Model 4255 SCSI Interface MIX Module
Model 4261 10-MHz, 12-Bit or 5-MHz, 14-Bit A/D Converter Board
Model 4263 2-Channel, 12-Bit, 20-MHz A/D Converter VME Board
Model 4265 16-Channel, 16-Bit A/D and D/A Converter VME Board
Model 4273 Time Code Reader MIX Module
Model 4274 10-MHz, 14-Bit A/D Converter MIX Module
Model 4275 32-Channel, 16-Bit A/D Converter MIX Module
Model 6102 8-Channel, 300-kHz, 16-Bit A/D and D/A Converter VME Board
Model 6105 & Model 6106 8-Channel, 2-MHz 12-/14-Bit A/D Converter VME Board
Model 6402 2-Channel, 300-kHz A/D Converter VME Board
Model 6410 2-Channel, 10-MHz, 14-Bit A/D Converter VME Board
Model 6425 12-MHz, 12-Bit A/D Converter VME Board
Model 6441 2-Channel, 41-MHz, 12-Bit A/D Converter VME Board
Model 6472 2-Channel, 70-MHz, 10-Bit A/D Converter VME Board
Model 6470 70-MHz, 10-Bit A/D Converter VME Board
SwiftTools Multiprocessing C Language Software Development Environment

PHYTEC Meßtechnik GmbH

miniMODUL-DSP-C5x

Portescap

S.O.A.P. Motion Software, MCT31 Motion Development Board

Poznan University of Technology Institute of Electronics and Telecommunication

TMS System
DTMF Detection Software

Precision Digital Images

Precision MX

Primary Image Ltd.

P10

Prodrive B.V.

PDT40

S.E.E.D.

SEEboard TI25-50 (code H001-94-C25-100)
SEEboard TI31-33 (code H005-95-C31-100)
SBD25-CY/IC (code H002-95-SBD-100)
HARVEST-MCH8 (code H001-95-SBD-100)
OAK/S (code H001-93-C26-100)

S.E.E.D. (Continued)

SAAI M16/PH23 (code H002-94-TSI-100)
SADI AD78/CS02 (code H003-94-TSI-100)
SBD25-31/EC (code H004-95-SBD-100)
SDAI CS12/PH23 (code H004-94-TSI-100)5
SEExover/D (code H003-95-C26-100)

SHAKTI

SHAKTI_MTV

Siemens AG Österreich

Design and Development Support for TI ASICs with cDSPs

Signallogic, Inc.

SigC31-4
PC31
PC32
DSPower-Block Diagram
Hypersignal-Macro
Hypersignal-Macro EX
Hypersignal-Acoustic
DSPower-HWLib DLL
DSP Source Code Interfaces

Signix Corporation

DISPRO[®]/Professional, DISPRO/Personal

SimPhonics, Inc.

ISA-30 'C30 DSP Card

Sonitech International

SPIRIT[™]-30 AT/ISA
SPIRIT-30 SBus
SPIRIT-30 VME
SPIRIT-40 AT/ISA
SPIRIT-40 PCI
SPIRIT-40 VME
ACOMM
BRAHMA MPSPD/JTAG
DAQ-200[™]
HSA4030 Series
QUAD-40 VME
SPIRIT-lite[™]
SPIRIT Image
SPIRIT-Jr[™]

Spectrum Digital, Inc.

EVM320C5X
SBC320C52
SBC320C203
Motor Development System
EMU320C3X
EMU320C4X
EMU320C5X

Spectrum Digital, Inc. (Continued)

DSP-VBX

RTXC, Real-Time Executive in C

Spectrum Signal Processing Inc.

Precidio VX8

PC/C31 Real-Time Applications Board

MEDIA~LINK C31 Quad Processor Board

PC/C32 Real-Time System Board

PC Daughter Module Carrier Board

Precidio QPC40S Processor Board

Precidio PCI/C44 Processor Board

Aurora PCI/C80 Applications Board

Precidio QPC40 Processor Board

Precidio DPC40 System Board

Precidio CV6 TMS320C40 VME64 Master Board

Precidio CV4 TMS320C40 VME Co-Processor Board

Precidio CV2 TMS320C40 VME Master Board

Spectrum 3U VME I/O Boards

PEROM Tools

VME Daughter Module Carrier Board

Precidio MDC40YS Shared-Memory Module

Precidio MDC40S C40 SRAM Module

Precidio MDC44S 'C44 SRAM Module

Precidio MDC44T Dual-'C44 SRAM Module

Precidio MDC40T Dual-'C40 SRAM Module

Precidio MDC40D 'C40 DRAM Modules

Precidio MDC40HB 'C40 S/DRAM Modules

Precidio MDC40ED 'C40 EDRAM Module

Precidio MDC40IM or IC Image-Processing DSP Module

Precidio MDC40IL Linescan Image-Processing Module

Precidio MDC40X Copper or Fiber TAXI™ Module

MVP-EVM TMS320C80 Evaluation Board

ILIB Image-Processing Libraries

REDS Remote Ethernet Debugger

RELib Remote Ethernet Library

SunOS and Solaris Interface Libraries

SBus-to-VME Converter SunOS/Solaris Debug Support Software

Embedded SPARC SunOS/Solaris Debug Support Software

DSP31 TMS320C31 3U VME Board

Spectrum XDSC3x/4x

Embedded PC DOS Debug Support Software

SBusC30

PC to VMEbus Converter DOS Debug Support Software

Net API 'C40 Debug Tools

PC/C50 System Board

VxWorks Interface Library

Sundance Multiprocessor Technology Ltd.

SMT300 4-Slot TIM Motherboard for PC

SMT302 EDRAM TIM

SMT303 Arithmetic Frame Grabber

SMT304 Graphics Accelerator TIM

SMT305 High Memory TIM

SMT306

SMT307 SCSI TIM Module

SMT308 Digital Video Interface TIM

SMT309 Run Length Encoder TIM

Sundance Multiprocessor Technology Ltd. (Continued)

SMT311 FFT Accelerator TIM
SMT312 RS232 and Fibre Modem TIM
SMT313 Dual-Processor 'C44 EDRAM TIM Module
SMT318 Dual Digital Video Interface TIM
SMT319

Synetcom Digital, Inc.

Packet Radio Modem

Synopsys, Inc.

SmartModel™ Behavioral Models
ModelSource™, LM-Family Fully-Functional Hardware Models
COSSAP DSP Design Tools

SYNTECH

DIVA'S
DUO
EXPORT

Tartan, Inc.

Tartan Ada Development Systems for Texas Instruments TMS320C3x and 'C40 DSPs
Tartan Development Systems for C/C++
Tartan Development Systems for C
FasTar, FloTar, VecTar, and SigTar Math Libraries

Tasking Software Italia, S.r.l.

USP-10 for TMS320C10/'C15/'C16/'C17 USP-25 for TMS320C25/'C26
RTXC
Nucleus

Technology 80 Inc.

Models 50A and 51A Servo Motor Controllers
Models 4350A and 4351A STD Servo Motor Controllers
Models 5650A and 5651A PC Servo Motor Controllers

TEIMA Audiotex

TEIMA21
TA-MC3040
TA-C31

Tektronix Inc.

DAS® NT / DAS® XP, TLA 510/520

Transtech Parallel Systems Corporation

TDMB414
TDMB412
TDMB423
TDMB424
TDMB428
TDM430 Memory/Boot Module
TDM431 Dual-Channel Analog I/O Module
TDM432 Fiber Optic Link
TDM435 Image-Processing Module

Transtech Parallel Systems Corporation (Continued)

TDM436 Color/Monochrome Framegrabber
TDM4xx Series

Traquair Data Systems, Inc.

HEV40: VME Slave TIM-40 Motherboard
HEV40M: VME Bus Master TIM-40 Motherboards
HESB40: SBus Interface and In-Circuit Emulator
HEPC2: TIM-40 Motherboard and In-Circuit Emulator
HEPC3: TIM-40 Motherboard and In-Circuit Emulator
HEPC2104: Slave PC/104 DSP Board
HET40: Single-Processor TIM-40 Processing Modules
HETWIN: Twin-Processor TIM-40 Processing Modules
HEQUAD: Quad-Processor TIM-40 Processing Modules
Image-Processing Modules
HEXTIM: Hardware Expansion and Prototyping TIM-40 Module
IPackTIM: IndustryPack™ TIM-40 Module
HEXTAXI: Fiber Optic Interface TIM-40 Modules
Multiple Channel 12-Bit and 16-Bit Analog Interfaces
HETAIO: Stereo Audio Interface
HESCSI: Disk Controller and SCSI Interface

V.D.S. Video Display Systems s.r.l.

VP280

VisionSmart Inc.

VS 1C8x-1
VS 9C50-1
VS 8C50-2
VS 9C25-1, VS 9C26-2

Voice Processing Corporation

VPro-42, VPro-84, VPro-88

Wavelink Technology Inc.

WTIM004 SRAM Processing TIM-40
WTIM001 AT-Based TIM-40
C4F True Color Framegrabber
C4D Data-Acquisition System
C4T Dual-Processor Module

White Mountain DSP, Inc.

Mountain-510 Universal Emulator
Mountain-510/LT Universal Emulator
Mountain-510/WS Universal Workstation Emulator
Vista-MP™
Surveyor™
Mountain-30 Emulator/Target System
Mountain-32 Emulator/Target System
Slalom-40 Development System
Slalom-50 Development System

Wintriss Engineering Corp.

Cornet 1000 DSP Development Boards
Maestro 2100S DSP Development Boards
Maestro 2100D DSP Development Boards
Master MVP Development Systems

Xcom Multimedia Communications

XF30/MVIP

Zeelan Technology, Inc.

MasterModel[®] TMS320C Model Libraries

Third-Party Consultants

AB-RoBioMat di Angelo Baronchelli & Dott. Gábor Gulyás
CHEOPS GmbH & Co. KG
Czech Scientific and Technical Society
D2 Technologies, Inc.
Dicon Lab, Inc.
Digital MultiWave Processing Inc.
DNA Enterprises, Inc.
Doctor Design Inc.
DSP Tools, Inc.
Eberwein & Associates, Inc.
Electronic Tools GmbH
Engineering Bureau
Eonic Systems Inc
Epstein Associates
ESSE-GI s.r.l.
Fraunhofer Institut Integrierte Schaltungen (IIS)
Genesis Engineering, Inc.
hema Elektronik Fertigungs-und Vertriebs GmbH
InnovaSystems, Inc.
Innovative Integration Inc
Institute for Integrated Circuits at the Technical University of Munich
JKJ Associates
M.B. International srl
MEDAV Digitale Signalverarbeitung GmbH
Miguel Chin
Momentum Data Systems, Inc.
MultiDSP Inc.
MVP Development Group, Inc
New World Systems
Nova Engineering, Inc.
OBJECTIF S.A.
Onyx Systems Limited
Poznan University of Technology Institute of Electronics and Telecommunication
Primary Image Ltd.
Prodrive B.V.
QSD Sistemi SRL
Questra Consulting
RECO SYST Research & Development

Third-Party Consultants (Continued)

Samjung Co., Ltd. Mediacom, Inc.

Sample Rate Systems, Inc.

S.E.E.D.

Signal-Data

Signals and Software Limited (SASL)

SIMONYI Kft. (SE&SE Ltd.)

Sinectonalysis, Inc.

Sonitech International

Synetcom Digital, Inc.

SYNTECH-CENTRE of Competence

Systems Technology Associates

Tadpole Technology, Inc.

Technical University of Wroclaw/Breslau

Technosoft Ltd.

Tornado Software

University of Miskolc Department of Electrical and Electronic Engineering

V.D.S. Video Display Systems s.r.l.

White Mountain DSP, Inc.

Wintriss Engineering Corp.

Zeidman Consulting