











PRODUCT PORTFOLIO



Development platform: DSP and FPGA

Platform	DSP/FPGA	Form Factor	Expansion Connector Site	I/Os	SIMULINK® Integration
SignalWAVE TMS320C6713/Virtex II 	Texas Instruments TMS320C6713 @ 225MHz Xilinx XC2V3000 VirtexII FPGA	Standalone	No	<i>Audio:</i> 1 Stereo Channel 16-bit @ 48kHz <i>Video:</i> 8- and 16-bit Video Encoder/Decoder <i>High Speed Wireless Converters</i> 65 MSPS ADC, 14-bit 125 MSPS DAC, 14-bit <i>Connectivity:</i> Ethernet RS 232	Yes
SignalMaster TMS320C6701/Virtex II 	Texas Instruments TMS320C6701 @ 150/167MHz XC2V1000 to XC2V8000 Xilinx VirtexII FPGA	cPCI or Standalone	Yes: VIM-2 I/O site GPIO I/O site	<i>Audio:</i> 2 In / 2 Out, 24-bit @ 96kHz See "Add-On Modules" products	Yes
SignalMaster Quad TMS320C6713/Virtex II 	4 Texas Instruments TMS320C6713 @ 225MHz Two XC2V3000 to XC2V8000 Xilinx VirtexII FPGA	cPCI or Standalone	Yes: 2 LYRIO sites	See "Add-On Modules" products	Yes
SignalMaster Quad TMS320C6416/Virtex II 	4 Texas Instruments TMS320C6416 @ 720MHz Two XC2V3000 to XC2V8000 Xilinx VirtexII FPGA	cPCI or Standalone	Yes: 2 LYRIO sites	See "Add-On Modules" products	Yes
DB1000 Starcore development platform 	Starcore TC1202A Altera Stratix FPGA	Standalone	Yes: ARM Mictor SODIMM	<i>Audio:</i> 1 Stereo Channel 16-bit @ 48kHz	No



ADD-ON MODULES for SignalMaster / SignalMaster Quad Platform

Module	Description	Input - Channels, Resolution, Sampling rate	Output - Channels, Resolution, Sampling rate	Form factor
ADACMaster II (105) 	High-Speed ADC/DAC module	2 14-bit 30-105 MHz	2 14-bit 30-125 MHz	VIM-2
Quad AES/EBU 	Digital Audio module	4(stereo) 24-bit 8-96 kHz	4(stereo) 24-bit 8-96 kHz	VIM-2
GPIO-Audio 	Analog Audio module	6 24-bit 48-96 kHz	(6)18 (24)20-bit (96)48 kHz	GPIO
GPIO-Video 	NTSC/PAL Video module	2 8-bit -	2 10-bit -	GPIO
Digital Video& Serial I/O module 	Digital I/O module	60 bits or 30 LVDS pairs (Configurable)		VIM-2



Development platform: DSP

Platform	DSP	Expansion Connector Site	Modular design	I/Os	Simulink® Integration
EB1000 Starcore development platform 	Starcore TC1202B/ TC1402B	Standalone	No	<i>Audio:</i> 1 Stereo Channel 16-bit @ 48kHz	No
CPA-II Consumer and Pro Audio 	Texas Instruments TMS320C6713 @ 225MHz	Standalone	No	Four TI PCM1798 D/A converter Two channels, 192 kHz, 24-bits Four PCN1804 A/D converter Two channels, 192 kHz, 24-bits Coaxial and optical S/PDIF D digital I/O up to 192 kHz RS-232 UART LEDs Word Clock interface USB 2.0 MIDI	Contact Lyrtech

Development platform: FPGA (can also be used as add-on module for SignalMaster platforms)

Platform	FPGA	Expansion Connector Site	Modular design	I/Os	Simulink® Integration
VHS-ADC High-speed Multichannel 	XC2V3000 to XC2V8000 Xilinx VirtexII FPGA	cPCI	Yes (Daughter board 8 extra channels)	<i>High Speed Wireless Converters:</i> 8 ADC's, 14-bit @ 105 MHz	Yes
VHS-DAC High-speed Multichannel 	XC2V3000 to XC2V8000 Xilinx VirtexII FPGA	cPCI	Yes (Daughter board 8 extra channels)	<i>High Speed Wireless Converters:</i> 8 DAC, 14-bit @ 125 MHz	Yes

Wireless - Software Define Radio (SDR) Radical Horizon product line

Platform	DSP/FPGA	Expansion Connector Site	Modular design	I/Os	Simulink® Integration
RF Flexcell™ Transceiver 	XC2V4000 Xilinx Virtex II FPGA Power PC	cPCI	Yes (PMC DSP/FPGA expansion daughter card)	RF Analog: 3 SMA connectors (2 Rx and 1 Tx) External input clock: 1 SMA connector Data access: Digital IF network PCI bus; supports 64 bit / 66 MHz PCI 2.2 PICMG 2.16 r1.0 packet switching Digital processing: 1 PMC site Wireline connectivity: Ethernet, TDM (T1/E1) JTAG test ports	No
PMC DSP/FPGA Module 	Texas Instruments 1 GB TMS320C6416 DSP@1GHz XC2V4000 Xilinx Virtex II FPGA 4 DUC/DDC ASICs	PMC Module	No	PCI Mezzanine card (PMC) compliant (IEEE Std. 1386-2001, IEEE Std. 1386.1-2001, Processor PMC Guidelines)	No

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