



communications

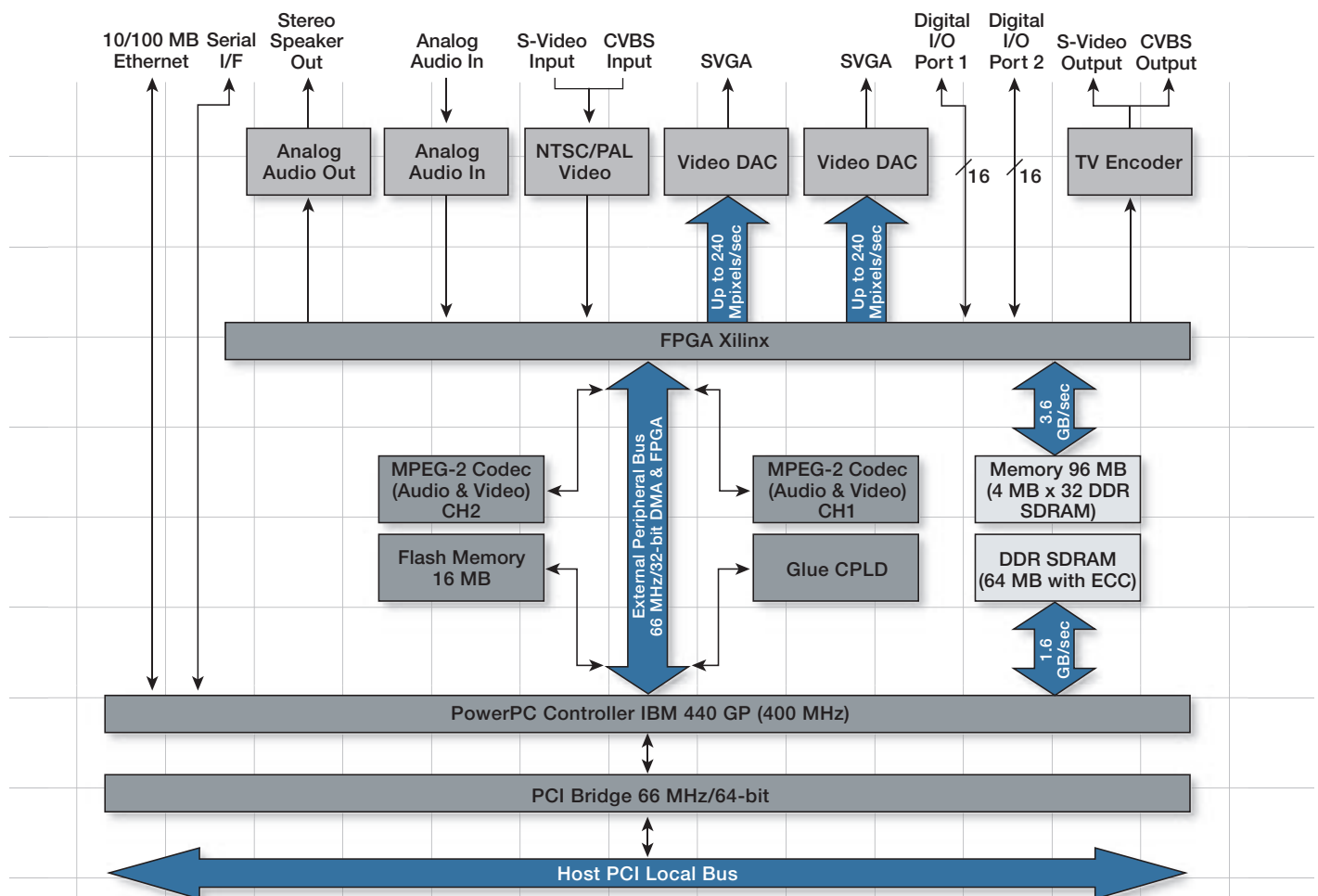
Advanced Products & Design



VigraWATCH

Technical Specifications

VigraWATCH® products are all-digital solutions for real-time video/image acquisition, processing and display. VigraWATCH integrates the power of hardware accelerated processing with MPEG-2 compression and/or decompression for the transmission of high-resolution digital video over lower bandwidths. VigraWATCH is available in both PMC and PCI form factors.



VigraWATCH Technical Specifications

Form Factor		
PMC (double-wide: 6"w x 6"l)	32-bit/33 MHz	
PCI (3 7/8"w x 10 1/2"l)	64-bit PCI/66 MHz	
Processors		
Video, Graphics, Image Processing	Xilinx Virtex II (1000-8000)	
General Processing, Ethernet MPEG Stream	IBM 440 PowerPC	
Memory: FPGA	96 MB DDRAM	
Memory: PowerPC	64 MB DDRAM	
I/O	Input	Output
S-Video	•	•
RS170-A	•	•
NTSC	•	•
PAL	•	•
RS232	•	•
RGB (SVGA) (2)		•
TV-Out		•
Ethernet 10/100 Base-T	•	•
Audio	•	•
Display		
# Simultaneous Displays	2	
Max Resolution Rates	1920 x 1440	
Refresh Rates	Up to 85 Hz	
System Requirements		
SPARC Solaris Operating System	512 MB RAM Solaris Version 7 and above	
Vigra Software Tools		
VigraVision Toolbox	•	
Environmental		
Operating Temp	-10 to 60 C	
Storage Temp	-20 to 85 C	
Humidity	0 to 90% (non-condensing)	
Max Power Consumption (watts)	20 W	
MTBF	173,000 hours (calculated)	



Ordering Information

For additional information, visit our website at www.L-3Com.com/apd, keyword search "Vigra". Or contact us via email at apd-info@L-3Com.com, via phone at 800.621.8474 or 858.552.9500.

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MKTG VW022306

DoD/OFOISR Cleared #06-S-1678



L-3 Communications
Advanced Products & Design
3033 Science Park Road
San Diego, CA 92121
Tel: 800.621.8474
858.552.9500
Fax: 858.535.3609
apd-info@L-3Com.com
www.L-3Com.com/apd