



Connect Tech Inc.
Embedded Computing Experts

OpenVPX
3U VPX SINGLE BOARD COMPUTER

Product Name: GraphiteVPX/CPU
Part Number: VPG001

GraphiteVPX/CPU

Connect Tech's GraphiteVPX/CPU is a VITA 65 compliant 3U single board computer based on the Intel® Atom™ E3845 (Bay Trail) Quad Core processor.

The GraphiteVPX/CPU is a modular design allowing for other Intel processor options to be used; should an alternative processor be required for your application contact sales@connecttech.com.



Specifications

Part	VPG001	
Form Factor	3U OpenVPX (VITA 46, VITA 48, VITA 65-compliant)	
Weight	317.529g (11.2 oz)	
Processor	CPU Model	Intel® Atom™ E3845
	CPU Cores	4
	CPU Clock Speed	1.91GHz
	L2 Cache	2MB
Operating System	Windows 7/8 32/64-bit, Linux 32/64-bit, WES 7/8, WEC 7, VxWorks	
Memory	Technology	DDR3
	Speed	1333/1066
	Capacities	2GB
	Bus Width	64-bit
Operating Temperature	L200; -40°C to +85°C (-40°F to 185°F)	
PCI Express	Two x4 PCIe Gen3.0 Capable Ports Two Reference clock outputs	
Network	Three 10/100/1000 BASE-T ports Two 1000 BASE-X ports	
USB	Up to two USB 3.0 (SuperSpeed) ports Up to eight USB 2.0 (Hi-Speed) ports	
SATA	Two SATA 2.0 Ports	
Video	One Display Port Interface	
HD Audio	One Stereo Output, One Stereo Input	
Serial	Two RS-232 Ports	
General Purpose (GP)	Four GP Inputs, Four GP outputs	
Warranty and Support	2-Year Warranty and free technical support	
RTM	ADG081	

RoHS

Specifications subject to change without notice.
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FEATURES

- ✓ Intel® Atom™ E3845 (Bay Trail) Quad Core processor
- ✓ Supports 3U VPX profiles: MOD3-PAY-2F2T-16.2.5-2,3 and MOD3-PAY-2F2U-16.2.3-2,3
- ✓ Operating Supply from VS1 or VS3 or both
- ✓ Fully Loaded with Wide Variety of IO Interfaces

Connect Tech Inc.

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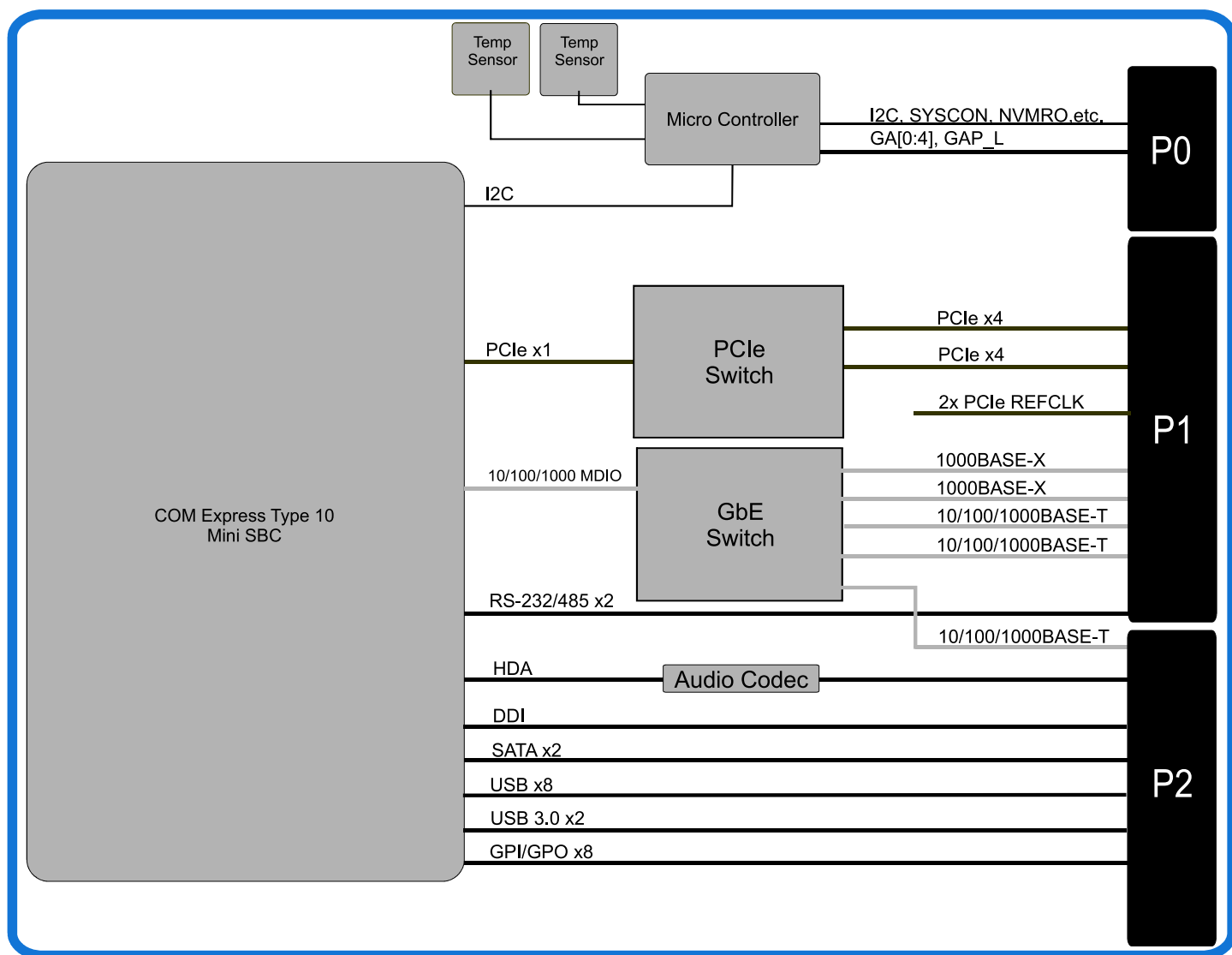
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