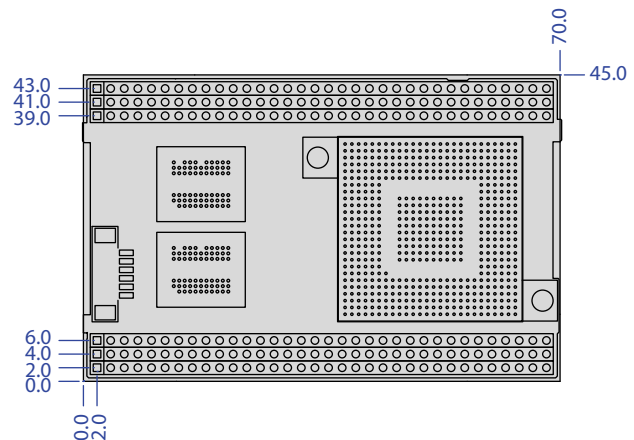
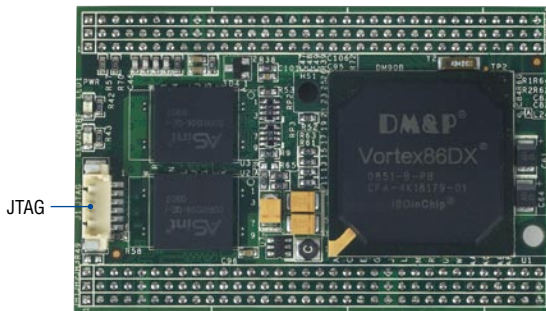


VDX-DIP-PCI



Unit: mm

Specifications

SoC	DM&P SoC CPU Vortex86DX- 800MHz Real Time Clock with Lithium Battery Backup
Cache	L1:16K I-Cache, 16K D-Cache L2 Cache 128KB
Bus	PCI interface
BIOS	AMI BIOS
System Memory	256/512MB DDR2 on board
Watchdog Timer	Software programmable from 30.5 μ sec.to 512 sec. x 2 sets (Watchdog 1 fully compatible with M6117D)
LAN	Integrated 10/100Mbps Ethernet
Flash Disk Support	Onboard 4MB SPI Flash Disk
I/O Interface	Enhanced IDE port (UltraDMA-100/66/33) x1 RS-232 port x5 (TX/RX x1) USB port x4 16-bit GPIO port x2
Connectors	1.25mm 6-pin wafer for JTAG x1
Power Requirement	Single Voltage +5V @ 340mA
Weight	23g
Board Size	70 x 45mm (2.75 x 1.77 inches)
Operating Temperature	-20°C ~ +70°C -40°C ~ +85°C (Optional)

Packing List

- VDX-DIP-PCI x1

Ordering Information

- **VDX-DIP-PCI** Vortex86DX DIP-204pin-PCI CPU Module with 256MB DDR2
- **VDX-DIP-PCI-512** Vortex86DX DIP-204pin-PCI CPU Module with 512MB DDR2

DIP-204pin-PCI Module

DIP-204pin-PCI Module (70 x 45mm) is designed as the kernel of your own application, which integrates the Vortex86DX CPU, onboard 256MB DDR2, BIOS and multi I/O. The I/O interface of DIP-204pin-PCI Module are 34-pin (1 x 34, pitch 2.0mm) connector x6 which including PCI bus, RS-232, Printer, IDE, LAN, USB, and GPIO.

For assisting users easily use our DIP-204pin-PCI Module, ICOP provides complete development kit of DIP-204pin-PCI Development Board for DIP-204pin-PCI Module.

We also supply our customers with referential circuit diagram for easing user's effort during development process. Meanwhile, you can design your own based board which only equips I/O functions you need.

Please visit our website for getting further information you need:

<http://www.dmp.com.tw/tech/vortex86dx/>

You also can contact us for getting referential circuit drawing: info@icop.com.tw