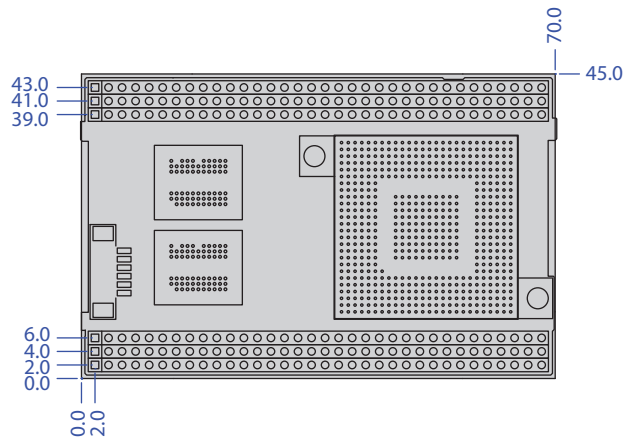
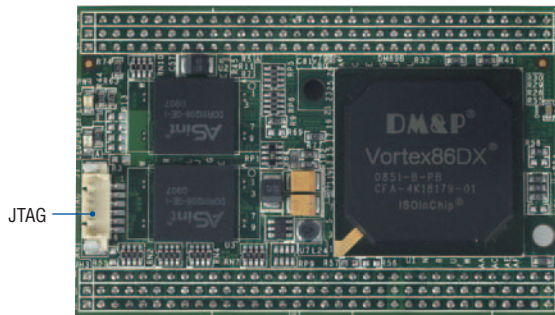


VDX-DIP-ISARD



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	ISA interface
BIOS	AMI BIOS
System Memory	256/512MB DDR2 Onboard
Watchdog Timer 0 & 1 Sets	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 @ 380mA
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-ISARD x1

Ordering Information

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

DIP-204pin-ISA Module

DIP-204pin-ISA module, measured at only 70 x 45mm, is designed particularly as the kernel for the diverse expandable applications. Through 6 rows of 34pin connector, DIP-204pin-ISA module is able to provide multiple functions, such as PCI BUS, RS-232, IDE, LAN, USB and GPIO.

To assist users easily adapt DIP-204pin-ISA Module into their applications, ICOP offers the complete development board for DIP-204pin-ISA Module. ICOP also supplies customers with the referential circuit diagram reducing their time and effort during the development process.

Please visit the website below for further information

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

As to the referential circuit drawing, please contact info@icop.com.tw