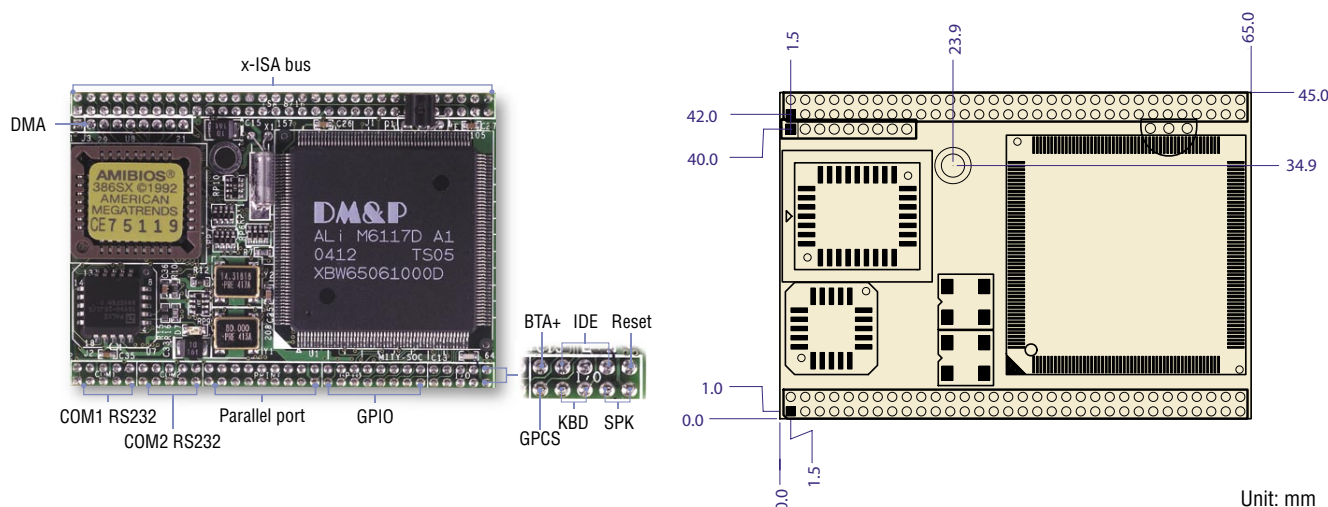


Mity-SoC CPU Module (8)

2MB/2S/GPIO



Specifications

SoC	DM&P(ALi) M6117D System-on-Chip CPU 386SX-40MHz
Bus	16-bit x-ISA interface
BIOS	AMI BIOS
System Memory	Onboard 2MB EDO RAM
Onboard Flash	512KB onboard flash with X-DOS pre-install (optional)
Watchdog Timer	Software programmable from 30.5us to 512 seconds
I/O Interface	Enhanced IDE port x1 FDD port x1 RS-232 port x2 Parallel port x1 16-bit GPIO port x1
Connectors	2.0mm 64-pin header for 16-bit x-ISA interface x1 2.0mm 64-pin header for I/O interface x1 2.0mm 9-pin header for DMA x1
Power Requirement	Single Voltage +5V @360mA
Weight	30g
Board Size	65 X 45mm (2.56 x 1.77 inches)
Operating Temperature	-20°C ~ +70°C

Mity-SoC Module

Mity-SoC Module (65x45mm) is designed as the kernel of your own application, which integrates the DM&P 6117D CPU, onboard DRAM (2/4MB), BIOS and multi I/O. The I/O interface of Mity-SoC are 64pin (2x32, pitch 2.0mm) connector x2; one is for x-ISA bus, another is for all I/O functions which including COM, PRN, IDE, and GPIO.

For assisting users easily use our Mity-SoC Module, ICOP provides complete development kit of Mity-SoC Development Board and Mity-SoC VGA/LCD Development Kit for Mity-SoC 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/m6117d/mitysoc/>
 You also can contact us for getting referential circuit drawing:
info@icop.com.tw

Mity-SoC CPU Module Ordering Selection

Ordering Type No.	RAM		BIOS		ALi M5113	
	2MB	4MB	EPROM	EPROM+Flash	TTL	RS-232
Mity-SoC 1	V		V			
Mity-SoC 2	V			V		
Mity-SoC 3		V	V			
Mity-SoC 4		V		V		
Mity-SoC 5	V		V		V	
Mity-SoC 6	V		V			V
Mity-SoC 7	V			V	V	
Mity-SoC 8	V			V		V
Mity-SoC 9		V	V		V	
Mity-SoC 10		V	V			V
Mity-SoC 11		V		V	V	
Mity-SoC 12		V		V		V

1
Mity/Tiny Module

2
PC/104 Module

3
3.5"/ATX Module

4
Half-Size Module

5
Peripheral Module

6
Accessories