

MINI-MAX/P18

Micro-controller System based on Microchip Technology's PIC18 Family of Microcontrollers

The PIC18 micro-controller, first introduced by Microchip Technology, is a very popular micro-controller with applications ranging from industrial, medical, home automation to automotive.

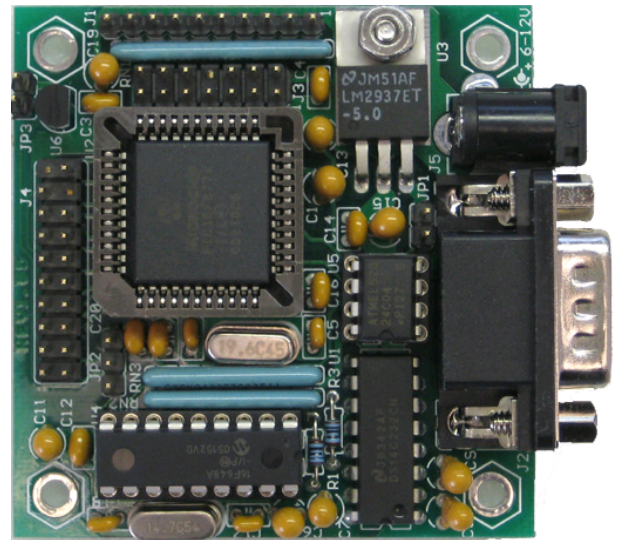
MINI-MAX/P18 is a powerful, yet easy-to-use microcomputer system based on the latest generation of flash-based PIC18 micro-controllers from Microchip Technology.

MINI-MAX/P18 is fully assembled and ready to use out of the box. MINI-MAX/P18 has 32K of flash memory that can store thousands of lines of BASIC, C or PIC18 Assembly language programs. Program execution speeds reach over 2 million instructions per second. Programs are downloaded into the MINI-MAX/P18 with a personal computer through the RS232 serial (COM) port. Downloads typically take only few seconds.

MINI-MAX/P18 is fully backed by warranty, technical support and application assistance from BiPOM Electronics. Wide range of peripheral boards and accessories are available.

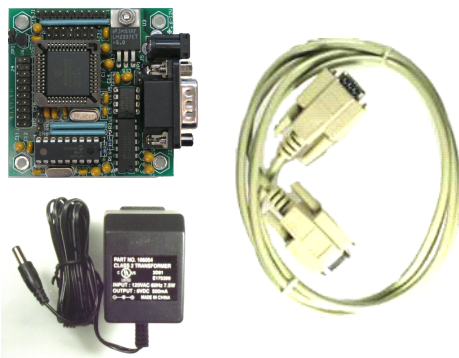
MINI-MAX/P18 Board Features:

- PIC18F458 micro-controller from Microchip Technology
- 32K Flash program memory, 1.5K RAM, 256-byte on-cip EEPROM
- 512-byte serial EEPROM (Optional up to 128Kbyte EEPROM)
- RS232 Serial Port
- 33 Digital Input/Output Lines
- 8-Channel 10-Bit Analog/Digital Converter (ADC)
- LCD, keypad and expansion connectors
- In-system programming/debugging
- Powerful yet affordable development software options include Micro-IDE, C18, CCS and HI-TECH C® Compilers, MPASM®, serial loader, simulator and debugger.
- Unregulated 6-12 Volts DC operation.
- 19.6608 MHz clock speed.
- Online Technical Manual and circuit schematics are provided.
- 6 Volts DC Adapter, serial cable and serial downloader included.
- PIC18 Training Kit based on MINI-MAX/P18 is available.



Peripheral Boards:

- DIO-1** I/O Expander Board
- TB-1** Training Board
- LED-1** LED Display Board
- PROTO-1** Prototyping Board
- RTC-1** Real-Time Clock Board
- MMC/RTC-1** Flash Multimedia Card Board
- DAQ-2543** 12-bit Analog input board
- TERMINAL-1** Terminal Block Board
- LCD242** Liquid Crystal Display
- VFD202** Vacuum Fluorescent Display
- KP1-4X4** and **KP1-3X4** Matrix Keypads
- X10-1** X10 Interface Module
- RELAY-1** Relay Board
- MOTOR-1** Stepper Motor Control Board



More details and Technical Manual are available for download at www.bipom.com/minimaxpic.php
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