


## MCU 8-bit PIC RISC 1.75KB Flash 5V 18-Pin PDIP Tube



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	DIP
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

### General Description

This powerful (200 nanosecond instruction execution) yet easy-to-program (only 35 single word instructions) CMOS Flash/EEPROM-based 8-bit microcontroller packs Microchip's powerful PIC® architecture into an 18-pin package. The same device can be used for prototyping and production and the end application can be easily updated without removing the device from the end product via the ICSP. Easily adapted for automotive, industrial, appliances low power remote sensors, electronic locks and security applications.

### Key Features

35 (14-bit wide) easy instructions to learn

8 level hardware stack

1 (9-bit) file select register

Hardware interrupt handling

In-Circuit Serial Programming™ (ICSP™)

Power on reset (POR)

Power-up timer (PWRT)

Oscillator start-up timer (OST)

Watchdog timer (WDT)

Code-protection

Power saving SLEEP mode

Selectable oscillator options

64bytes of EEPROM data memory

## Recommended For You

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### **PIC16F84A-20/P**

Microchip Technology, Inc  
DIP18

### **PIC16F54-I/P**

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### **PIC18F2320-I/SP**

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DIP28

### **PIC18F2685-I/SP**

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SPDIP-28

### **PIC16F767-I/SO**

Microchip Technology, Inc  
SOP

### **PIC16F630-I/SL**

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SOP14

### **PIC16F15345-I/SO**

Microchip Technology, Inc  
SOP20

### **PIC16F84-04/P**

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### **PIC18F4320-I/PT**

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QFP

### **PIC16C622A-04/P**

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### **PIC16F84A-04/P**

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### **PIC18F2480-I/SP**

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### **PIC16F628-04/P**

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### **PIC16F877-20/L**

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PLCC44

### **PIC16F676-I/P**

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