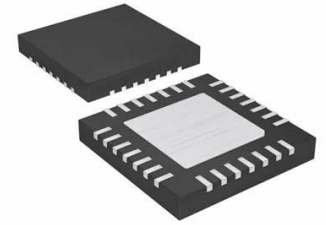



## MCU 8-bit PIC RISC 32KB Flash 2.5V/3.3V/5V Automotive 28-Pin QFN-S EP Tube



Images are for reference only

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	QFN28
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

[Inquiry](#)

### General Description

PIC18F25K80 is a high performance 8-bit MCU with Integrated ECAN™ featuring eXtreme Low Power consumption. New features in PIC18F25K80 include low sleep current for low power application, 1.8V to 5.5V operating voltage for automotive, building control, elevator control and industrial application, Timers/Enhanced Compare/Capture/PWMs for precision timing control, 12-bit ADC for advance analog interface and Charge Time Measurement Unit for easy capacitive touch user interface. The PIC18F25K80 family is ideal for applications requiring cost-effective, low-power CAN solutions with high performance and robust peripheral set in small package

## Key Features

Simple 33 (12-bit wide) instruction set

2 level hardware stack

1 (8-bit) file select register

Smallest form factor

Programmable brown-out reset (BOR)

Programmable low voltage detection

32kHz to 16MHz internal oscillator

Watch dog timer (WDT)

Charge time measurement unit (CTMU)

Two 8-bit digital timers

Three 16-bit digital timers

4x Capture/Compare/PWM (CCP)

1x Enhanced Capture/Compare/PWM (ECCP)

Controller area network (CAN)

8x Capacitive touch channels

In-Circuit Serial Programming™ (ICSP™)

1024bytes of EEPROM data memory

## Recommended For You

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

Microchip Technology, Inc

DIP18

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

Microchip Technology, Inc

DIP

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

Microchip Technology, Inc

DIP28

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

Microchip Technology, Inc

SPDIP-28

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

Microchip Technology, Inc

SOP

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

Microchip Technology, Inc

SOP14

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

Microchip Technology, Inc

SOP20

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

Microchip Technology, Inc

DIP18

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

Microchip Technology, Inc

QFP

**PIC16C622A-04/P**

Microchip Technology, Inc

DIP

**PIC16F84A-04/P**

Microchip Technology, Inc

DIP18

**PIC18F2480-I/SP**

Microchip Technology, Inc

DIP

**PIC16F628-04/P**

Microchip Technology, Inc

DIP

**PIC16F877-20/L**

Microchip Technology, Inc

PLCC44

**PIC16F676-I/P**

Microchip Technology, Inc

DIP-14