


MCU 8-bit PIC RISC 64KB Flash 2.5V/3.3V/5V Automotive 28-Pin SOIC W Tube



Images are for reference only

| | |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Manufacturer: | Microchip Technology, Inc |
| Package/Case: | SOIC-28 |
| Product Type: | Embedded Processors & Controllers |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |

[Inquiry](#)

General Description

PIC18F26K80 is a high performance 8-bit MCU with Integrated ECAN™ featuring eXtreme Low Power consumption. New features in PIC18F66K80 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 PIC18F26K80 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

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