

PIC16F73-I/SS

MCU 8-bit PIC RISC 7KB Flash 5V 28-Pin SSOP Tube

Manufacturer:	Microchip Technology, Inc.
Package/Case:	SSOP28
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free Works
Lifecycle:	Active



Images are for reference only

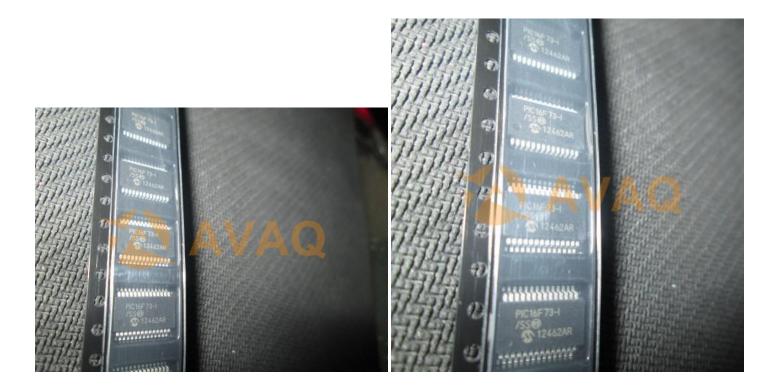
Inquiry

General Description

This powerful (200 nanosecond instruction execution) yet easy-to-program (only 35 single word instructions) CMOS FLASH-based 8-bit microcontroller packs Microchip's powerful PIC® architecture into 28-pin package and is upwards compatible with the PIC16C5X, PIC12CXXX and PIC16C7X devices. The PIC16F73 features 5 channels of 8-bit Analog-to-Digital (A/D) converter with 2 additional timers, 2 capture/compare/PWM functions and the synchronous serial port can be configured as either 3-wire Serial Peripheral Interface (SPITM) or the 2-wire Inter-Integrated Circuit (I²CTM) bus and a Universal Asynchronous Receiver Transmitter (USART). All of these features make it ideal for more advanced level A/D applications in automotive, industrial, appliances and consumer applications.

Key Features

35 (14-bit wide) easy instructions to learn
8 level hardware stack
1 (9-bit) file select register
Hardware interrupt handling
Brown-out reset (BOR)
Power on reset (POR)
Watch dog timer (WDT)
Two 8-bit digital timers
One 16-bit digital timer
In-Circuit Serial Programming[™] (ICSP[™])



Recommended For You

PIC16F84A-20/P Microchip Technology, Inc DIP18

PIC18F2685-I/SP Microchip Technology, Inc SPDIP-28

PIC16F15345-I/SO

Microchip Technology, Inc SOP20

PIC16C622A-04/P

Microchip Technology, Inc

PIC16F628-04/P Microchip Technology, Inc DIP

PIC16F54-I/P Microchip Technology, Inc DIP

PIC16F767-I/SO Microchip Technology, Inc SOP

PIC16F84-04/P Microchip Technology, Inc DIP18

PIC16F84A-04/P Microchip Technology, Inc DIP18

PIC16F877-20/L Microchip Technology, Inc PLCC44 PIC18F2320-I/SP Microchip Technology, Inc

DIP28

QFP

PIC16F630-I/SL Microchip Technology, Inc SOP14

PIC18F4320-I/PT Microchip Technology, Inc

PIC18F2480-I/SP Microchip Technology, Inc DIP

PIC16F676-I/P Microchip Technology, Inc DIP-14