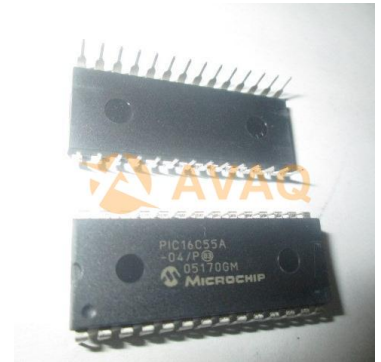



MCU 8-bit PIC RISC 768B EPROM 3.3V/5V Automotive 28-Pin PDIP Tube



Images are for reference only

[Inquiry](#)

Manufacturer:	Microchip Technology, Inc
Package/Case:	DIP28
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND

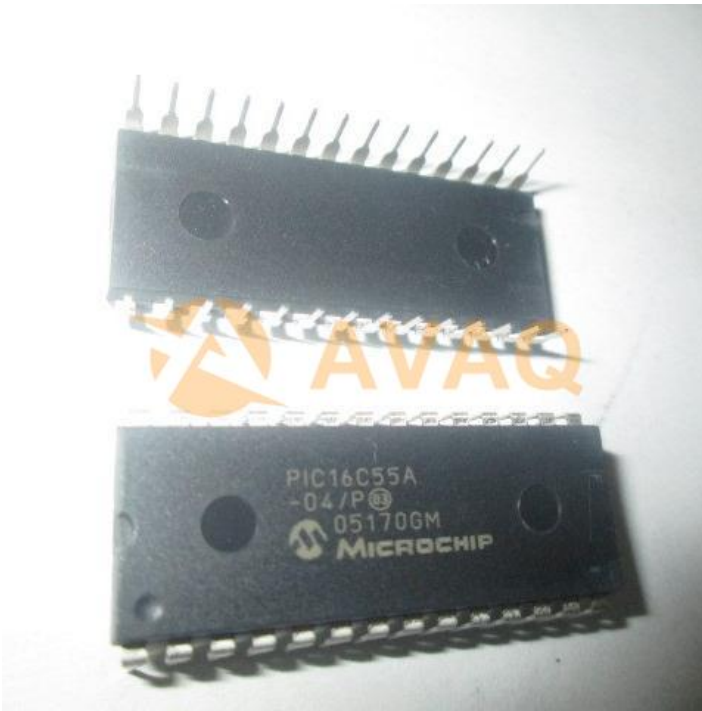
General Description

The PIC16C5X from Microchip Technology is a family of low cost, high performance, 8-bit fully static, EPROM/ROM-based CMOS microcontrollers. It employs a RISC architecture with only 33 single word/single cycle instructions. All instructions are single cycle except for program branches which take two cycles. The PIC16C5X delivers performance in an order of magnitude higher than its competitors in the same price category. The 12-bit wide instructions are highly symmetrical resulting in 2:1 code compression over other 8-bit microcontrollers in its class. The easy to use and easy to remember instruction set reduces development time significantly.

The PIC16C5X products are equipped with special features that reduce system cost and power requirements. The Power-on Reset (POR) and Device Reset Timer (DRT) eliminate the need for external RESET circuitry. There are four oscillator configurations to choose from, including the power saving LP (Low Power) oscillator and cost saving RC oscillator. Power saving SLEEP mode, Watchdog Timer and Code Protection features improve system cost, power and reliability.

Key Features

Peripheral :



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