PIC16C745-I/SO

Data Sheet

8 Bit MCU, One Time Programmable, PIC16 Family PIC16C7x Series Microcontrollers, 24 MHz, 14 KB

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-28
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for PIC16C745-I/SO or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ
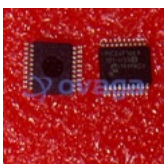
General Description

Features

GENERAL DESCRIPTION

The PIC16C745/765 devices are low-cost, high-perfor mance, CMOS, fully-static, 8-bit microcontrollers in the PIC16CXX mid-range family.

All PICmicro® microcontrollers employ an advanced RISC architecture. The PIC16CXX microcontroller family has enhanced core , eight-level deep stack and multiple internal and external interrupt sources.

The separate instruction and data buses of the Harvard architecture allow a 14-bit wide instruction word with the separate 8-bit wide data. The two stage instruction pipeline allows all instructions to execute in a single cycle, except for program branches, which require two cycles. A total of 35 instructions (reduced instruction set) are available. Additionally, a large register set gives some of the architectural innovations used to achieve a very high performance.

Related Products

PIC24F16KA101-I/SS

Microchip Technology, Inc

SSOP-20

PIC16F1936-I/SS

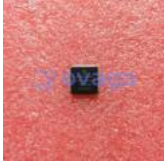Microchip Technology, Inc

SSOP-28

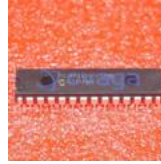**PIC16F1938-I/SP**

Microchip Technology, Inc

PDIP-28

PIC18F23K22-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F6520-I/PT

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TQFP-64

PIC18F2620-I/SP

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SOIC-28

PIC18F97J60T-I/PT

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TQFP-100