

8 Bit MCU, Flash, PIC10 Family PIC10F20x Series Microcontrollers, 4 MHz, 768 Byte, 24 Byte, 6 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SOT-23-6
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PIC10F206T-I/OT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The PIC10F206 is a low-cost, high-performance, 8-bit, fully static, Flash-based CMOS microcontroller. It employs a RISC architecture with only 33 single-word/single-cycle instructions. All instructions are single cycle (1 μ s) except for program branches, which take two cycles. It delivers performance in an order of magnitude higher than competitors in the same price category. The easy-to-use and easy-to-remember instruction set reduces development time significantly.

For product comparison, please consider: PIC10F322

Features

Available in either SOT-23 or 2x3 DFN packaging

Precision 4 MHz internal oscillator

Baseline Core with 33 Instructions, 2 Stack Levels

All single-cycle Instructions except for program branches which are two cycles

12-bit wide instructions

8-bit wide data path

Comparator

25 mA source/sink current I/O

Low power (100nA) sleep current

One 8-bit timer (TMR0)

Watchdog timer (WDT)

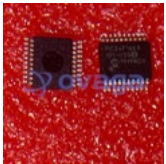
In Circuit Serial Programming™ (ICSP™) capability

In-Circuit debugging support

Programmable code protection

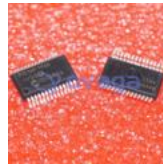


Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



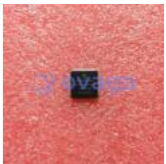
[PIC16F1938-I/SP](#)

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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[PIC18F2620-I/SO](#)

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[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100