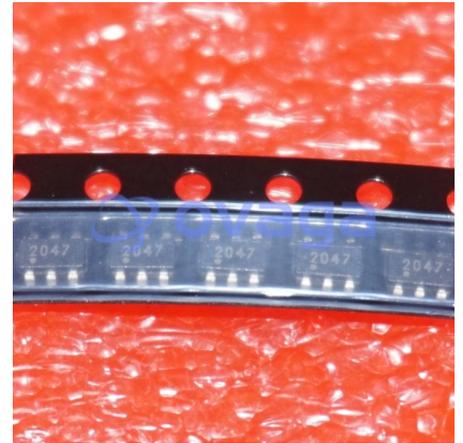


8 Bit MCU, Flash, PIC10 Family PIC10F22x Series Microcontrollers, 8 MHz, 384 Byte, 16 Byte, 6 Pins

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



Images are for reference only

Please submit RFQ for PIC10F220T-I/OT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The PIC10F220 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 singlecycle (1 μ s) except for program branches, which take two cycles. The PIC10F220 delivers performance in an order of magnitude higher than their competitors in the same price category. The 12-bit wide instructions are highly symmetrical, resulting in a typical 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 PIC10F220 are also equipped with special features that reduce system cost and power requirements.

For product comparison, please consider: PIC10F322

Features

Available in either SOT-23 or 2x3 DFN packaging

2 channels 8-bit ADC (Analog to Digital Converter)

Precision 4/8 MHz internal oscillator

1.125ms DRT (Device Reset Timer)

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

25 mA source/sink current I/O

Low power (100nA) sleep current

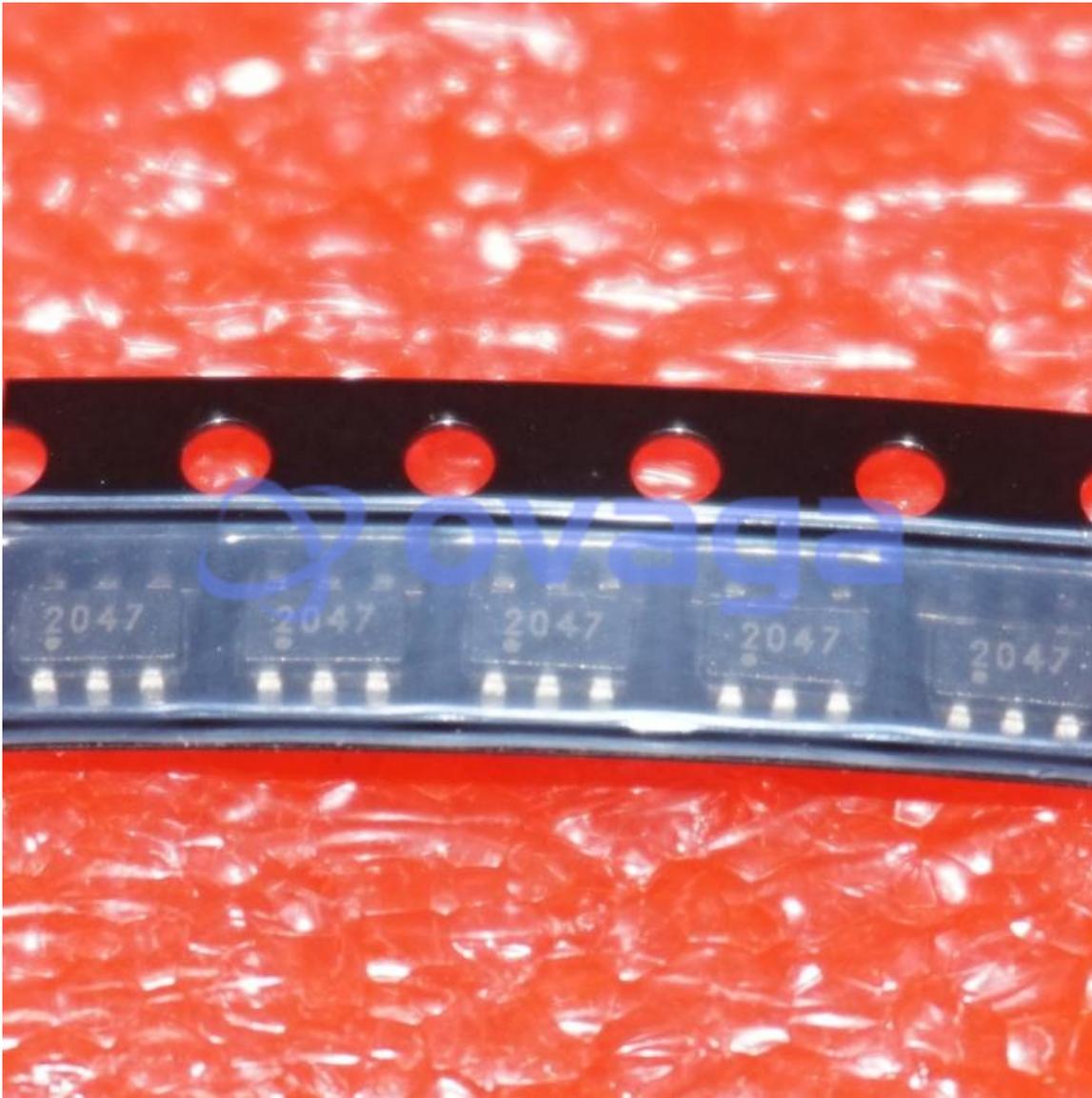
One 8-bit timer (TMR0)

Watchdog timer (WDT)

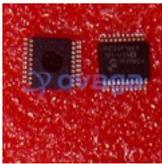
In Circuit Serial Programming™ (ICSP™) capability

In-Circuit debugging support

Programmable code protection



Related Products



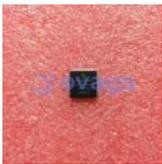
[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



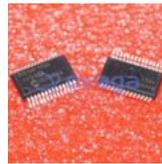
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F6520-I/PT](#)

Microchip Technology, Inc
TQFP-64



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F2620-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F2620-I/SO](#)

Microchip Technology, Inc
SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100