

8-bit Microcontrollers - MCU 64KB Flash 4KB RAM 12MIPS nanoWatt

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC18F46J13-I/PT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

This low power and high performance 8-bit MCU with High memory density and peripheral flexibility comes in a small package for cost sensitive application in the PIC18 J-series. New features include Deep sleep mode for low power application, high memory density for more complex application, Peripheral Pin Select for design flexibility for mapping peripherals to I/O pins, RTCC module for real time applications and CTMU module for easy capacitive touch user interface. The PIC18F46J13 family is ideal for applications requiring cost-effective, low-power solutions with more code space and robust peripheral set in a small package

Features

Featuring nanoWatt XLP Technology ideal for battery applications Typical nanoWatt XLP specifications include:

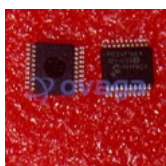
9 nA Deep Sleep mode (Watch Webinar)

200nA Sleep mode (RAM retention)

700nA Real Time Clock & Calendar operation in Sleep modes

330nA Watch Dog Timer operation in Sleep modes

Related Products



[PIC24F16KA101-I/SS](#)

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SSOP-20



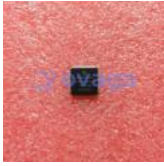
[PIC16F1936-I/SS](#)

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[PIC16F1938-I/SP](#)

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[PIC18F6520-I/PT](#)

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TQFP-64



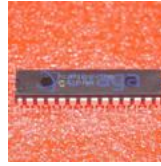
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[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100