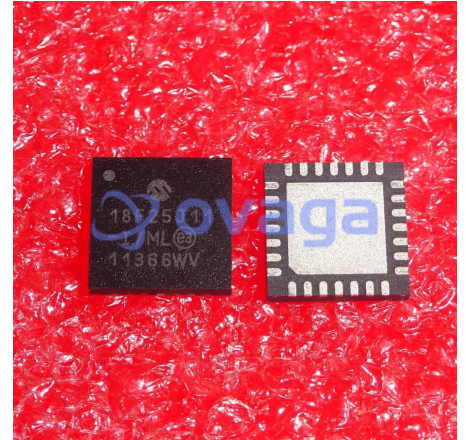


8 Bit MCU, PIC18 Family PIC18F J1x Series Microcontrollers, 48 MHz, 32 KB, 3.7 KB, 28 Pins, QFN

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



Images are for reference only

Please submit RFQ for PIC18F25J11-I/ML or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

This family provides low power and high performance 8-bit MCU with peripheral flexibility in a small package for cost sensitive applications in the PIC18 J-series. New features include Deep sleep mode for low power applications, Peripheral Pin Select for design flexibility for mapping peripherals to I/O pins and a CTMU module for easy capacitive touch user interfaces. The PIC18F46J11 family is ideal for applications requiring cost-effective, low-power solutions with a robust peripheral set in a small package.

Features

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

13nA Deep Sleep mode (Watch Webinar)

54nA Sleep mode (RAM retention)

830nA Real Time Clock & Calendar operation in Sleep modes

820nA Watch Dog Timer operation in Sleep modes

Other Features:

Deep Sleep mode ideal for battery applications

Peripheral Pin Select for mapping digital peripherals to various I/O for design flexibility

Hardware RTCC provides clock, calendar & alarm functions

Charge Time Measurement Unit (CTMU) supports capacitive touch screens

2 Enhanced Capture / Compare / PWM modules

2 MSSP serial ports for SPI with DMA or I2C™ communication

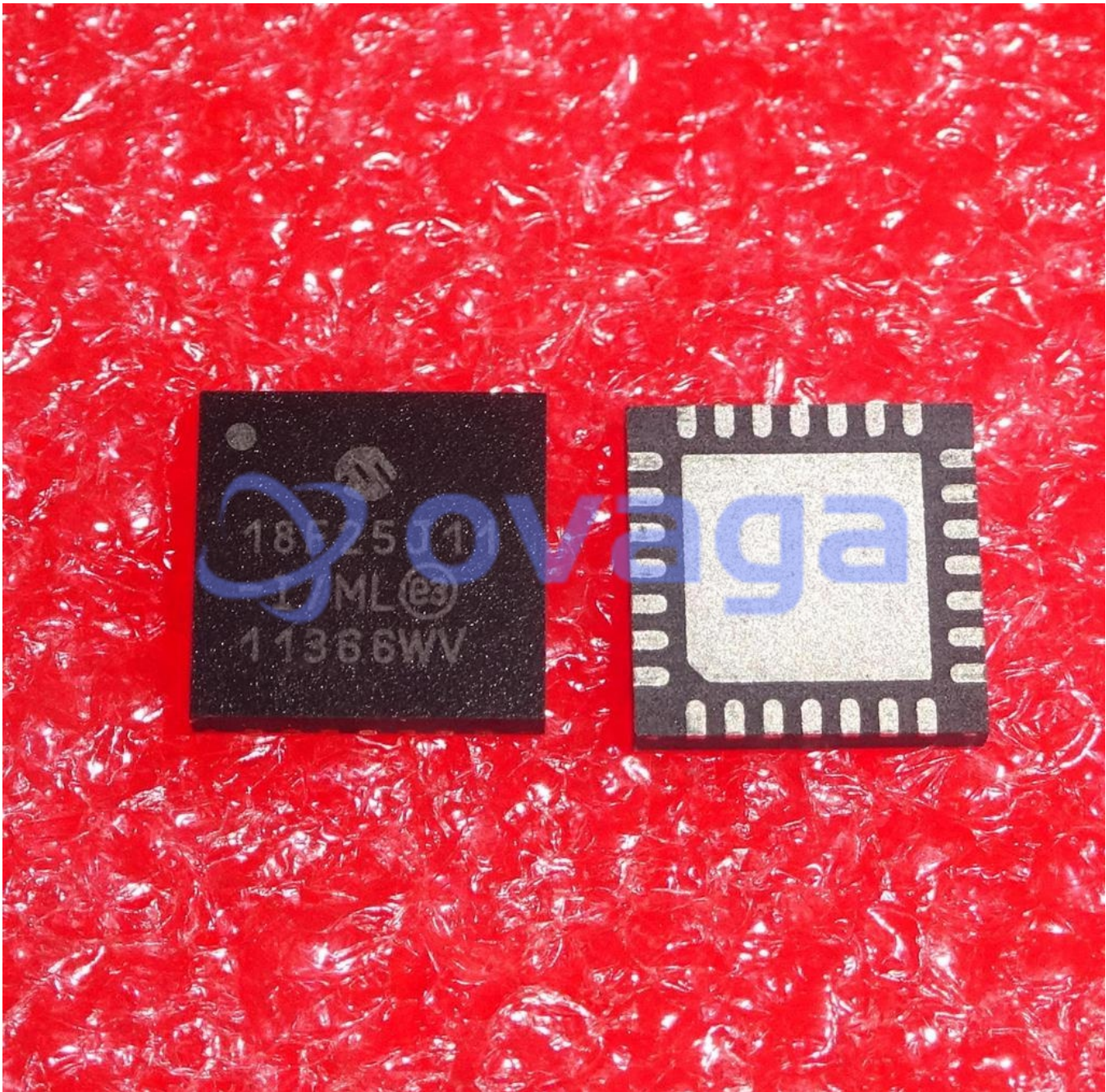
2 Enhanced USART modules

Dual analog comparators

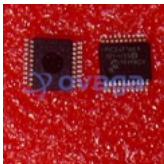
10 ch, 10-bit ADC

Self programming Flash supports 10k erase/write cycles & 20 years retention

Operating voltage 2.0 - 3.6V, 5.5V tolerant digital inputs



Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



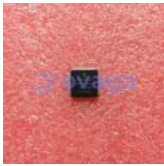
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

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TQFP-64



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Microchip Technology, Inc
SOIC-28



[PIC18F97J60T-I/PT](#)

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TQFP-100