

28 pin, 48 KB Enh Flash, 3804 RAM, 25 I/O, -40C to +85C, 28-SOIC 300mil, TUBE

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



Images are for reference only

Please submit RFQ for PIC18LF2525-I/SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Up to 10 MIPS performance

C compiler optimized RISC architecture

8 x 8 Single Cycle Hardware Multiply

Internal oscillator support 31 kHz to 8 MHz

Fail-Safe Clock Monitor – allows safe shutdown if clock fails

Watchdog Timer with separate RC oscillator

Wide operating Voltage range; 2.0V to 5.5V

Run, Idle and Sleep modes

Idle mode currents down to 5.8uA typical

Sleep mode currents down to 0.1uA typical

10-bit ADC, 10 channels, 100K samples per second

Programmable Low Voltage Detection Module

Programmable Brown-out Reset module

Two Analog comparators with input multiplexing

Master Synchronous Serial Port supports SPI™ and I2C™ Master and Slave Mode

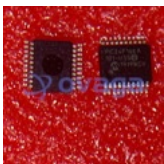
EUSART module including LIN bus support

Four Timer Modules

Up to 2 PWM outputs

Up to 2 Capture / Compare

Related Products



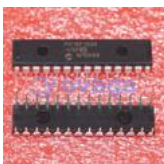
[PIC24F16KA101-I/SS](#)

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](#)

Microchip Technology, Inc
TQFP-64



[PIC18F2620-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F2620-I/SO](#)

Microchip Technology, Inc
SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100