

80 PIN, 128KB FLASH, 4KB RAM, 67 I/O, -40C to +85C, 80-TQFP, TRAY, Microcontrollers (MCU) 128KB FL 3936b RAM 10 MIPS 67 I/O

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC18F87J11-I/PT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Ideal for 3V applications that are cost sensitive, requiring flexible serial communication with four serial ports: double synchronous serial ports (I²C™ and SPI™) and double asynchronous serial ports. Large amounts of Flash program memory make it ideal for instrumentation panels, TCP/IP enabled embedded applications as well as metering, industrial control and monitoring applications. The PIC18F87J11 is an enhancement to the PIC18F87J10 family, including an internal 8MHz oscillator, lower power and improved EEPROM emulation via word Flash write capabilities.

Features

48 MHz and 12 MIPS at 3V

Flash 10,000 endurance, 20 years retention

2.0 - 3.6V voltage range

5V tolerant digital inputs

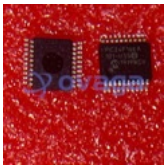
Enhanced ICD with 3 HW breakpoints

Internal 8MHz oscillator

nanoWatt technology

Parallel Master Port (PMP)

Related Products



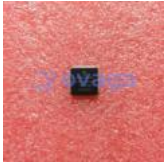
[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



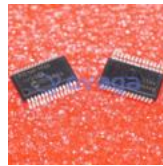
[PIC18F6520-I/PT](#)

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TQFP-64



[PIC18F2620-I/SO](#)

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[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100