

8 Bit MCU, Flash, PIC18 Family PIC18F K9x Series Microcontrollers, 64 MHz, 128 KB, 4 KB, 80 Pins

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 PIC18F87K90-I/PT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

nanoWatt XLP technology for low sleep, RTCC, LCD and WDT currents

Low-Power BOR

Ultra Low-Power Wake-Up

Fast Wake-Up

Low Input Leakage Currents

Up to 16 MIPS Performance

Operating Speed up to 64 MHz

Operating Voltage Range: 1.8 to 5.5V

8 X 8 Single-Cycle Hardware Multiplier

Three Internal Oscillators: 31 kHz, 500 kHz, 16 MHz

LCD Driver

Up to 48 Segments and 192 Pixels

Drives LCD Panel in Sleep Mode

Programmable LCD Timing Module

Charge Time Measurement Unit for mTouch Sensing

A/D Converter

12-bit Resolution

24 Channels

Ten CCP/ECCP Modules

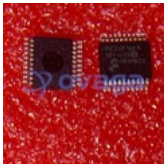
Eleven 8/16-bit Timer/Counter Modules

Three Analog Comparators

Hardware Real-Time Clock and Calendar (RTCC)

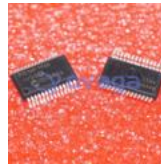
Two Master Synchronous Serial Port Modules

Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



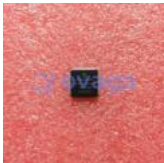
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

Microchip Technology, Inc
TQFP-64



[PIC18F2620-I/SP](#)

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SPDIP-28



[PIC18F2620-I/SO](#)

Microchip Technology, Inc
SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100