

MCU CMOS 44LD LOW PWR, -40C to +85C, 44-TQFP , TRAY, Microcontrollers
(MCU) 64KB 3968 RAM 36I/O

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 PIC18LF4620-I/PT 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 at 3V

C compiler optimized RISC architecture

8x8 Single Cycle Hardware Multiply

Internal oscillator support-31 kHz to 8MHz with 4xPLL

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

An integrated LCD driver module, capable of driving 48 segments and 4 commons for LCD display (132 pixels)

Run, Idle and SLEEP modes

Idle mode currents down to 5.8uA typical

Sleep mode currents down to 0.1uA typical

10-bit ADC, 12 channels, 100K samples per second

Programmable Low Voltage Detection Module

Programmable Brown-out-Reset Module

Two Analog Comparators

Master Synchronous Serial Port supports SPI™ and I2C™ master and slave mode

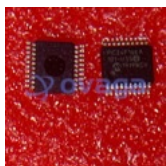
EUSART module including LIN bus support

Four Timer modules

Up to 5 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



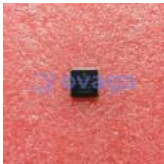
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

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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