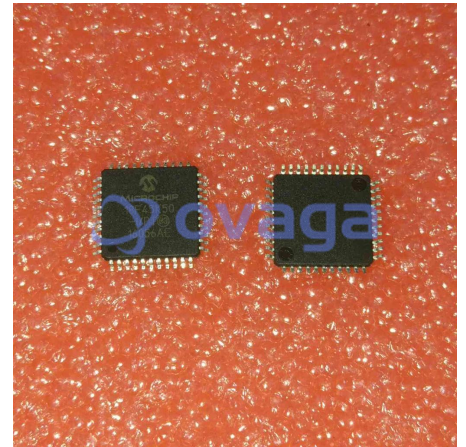


8 Bit MCU, Flash, PIC18 Family PIC18F K5x Series Microcontrollers, 48 MHz, 32 KB, 2 KB, 44 Pins

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 PIC18F45K50-I/PT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

High performance PIC18 core with 8x8 Hardware Multiply

Flash Program Memory with self read/write capability

256 Bytes of integrated EEPROM

Internal 48MHz Oscillator with USB Accuracy-Via Active Clock Tuning from USB Host

Universal Serial Bus 2.0 Module

Enhanced Capture Compare PWM (ECCP) Module with up to 4 outputs

Integrated Temperature Indicator Module

Up to 25 Channel 10-bit ADC with Voltage Reference

2 Analog Comparators

5-bit Digital to Analog Converter (DAC)

MI2C / SPI Module (MSSP)

Enhanced Addressable USART Module

Charge Time Measurement Unit (CTMU) for measurement applications

25mA Source/Sink current I/O

2x 8-bit Timers

2x 16-bit Timers

Extended Watchdog Timer (WDT)

Enhanced Power-On/Off-Reset

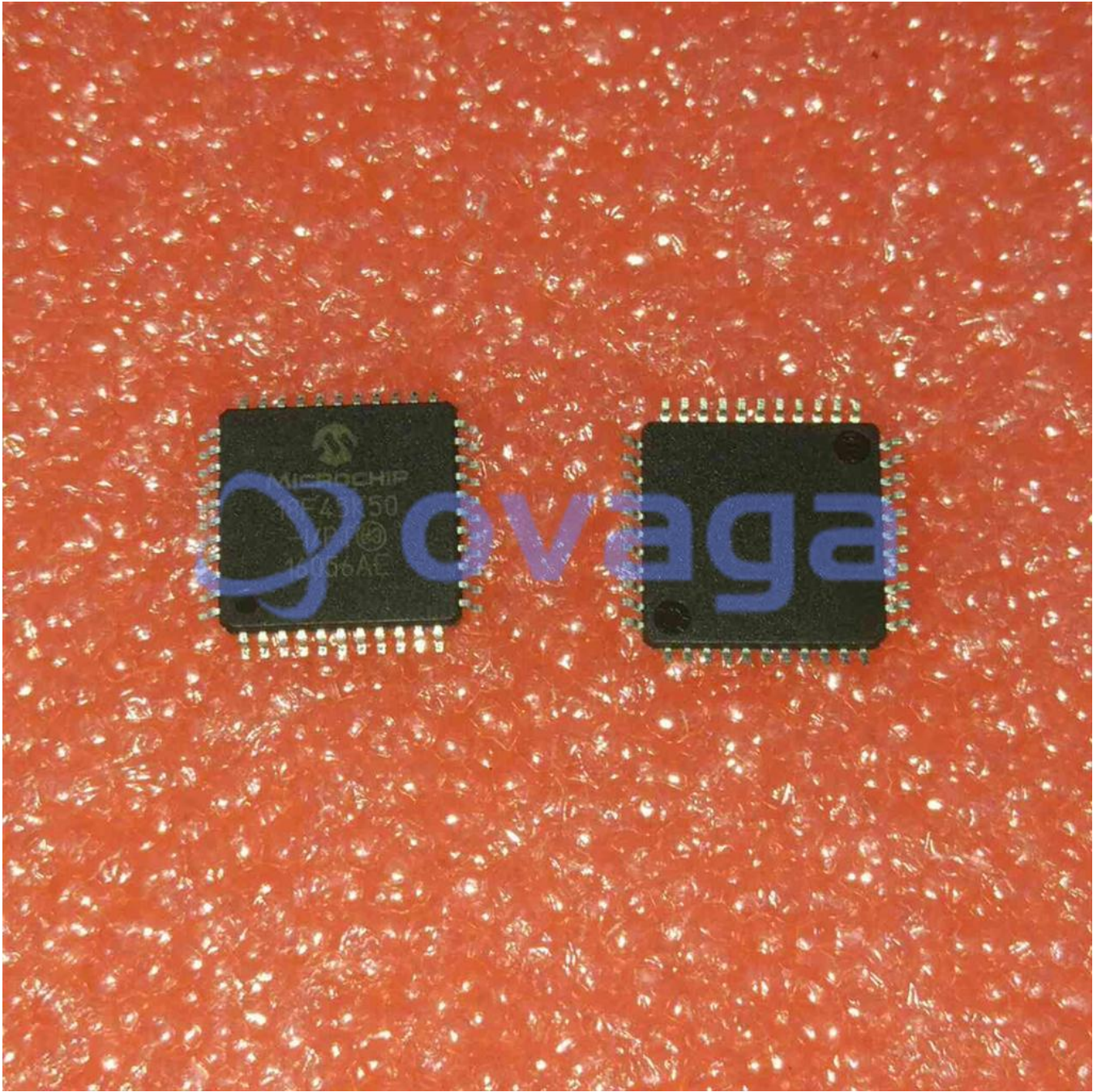
Low-Power Brown-Out Reset (LPBOR)

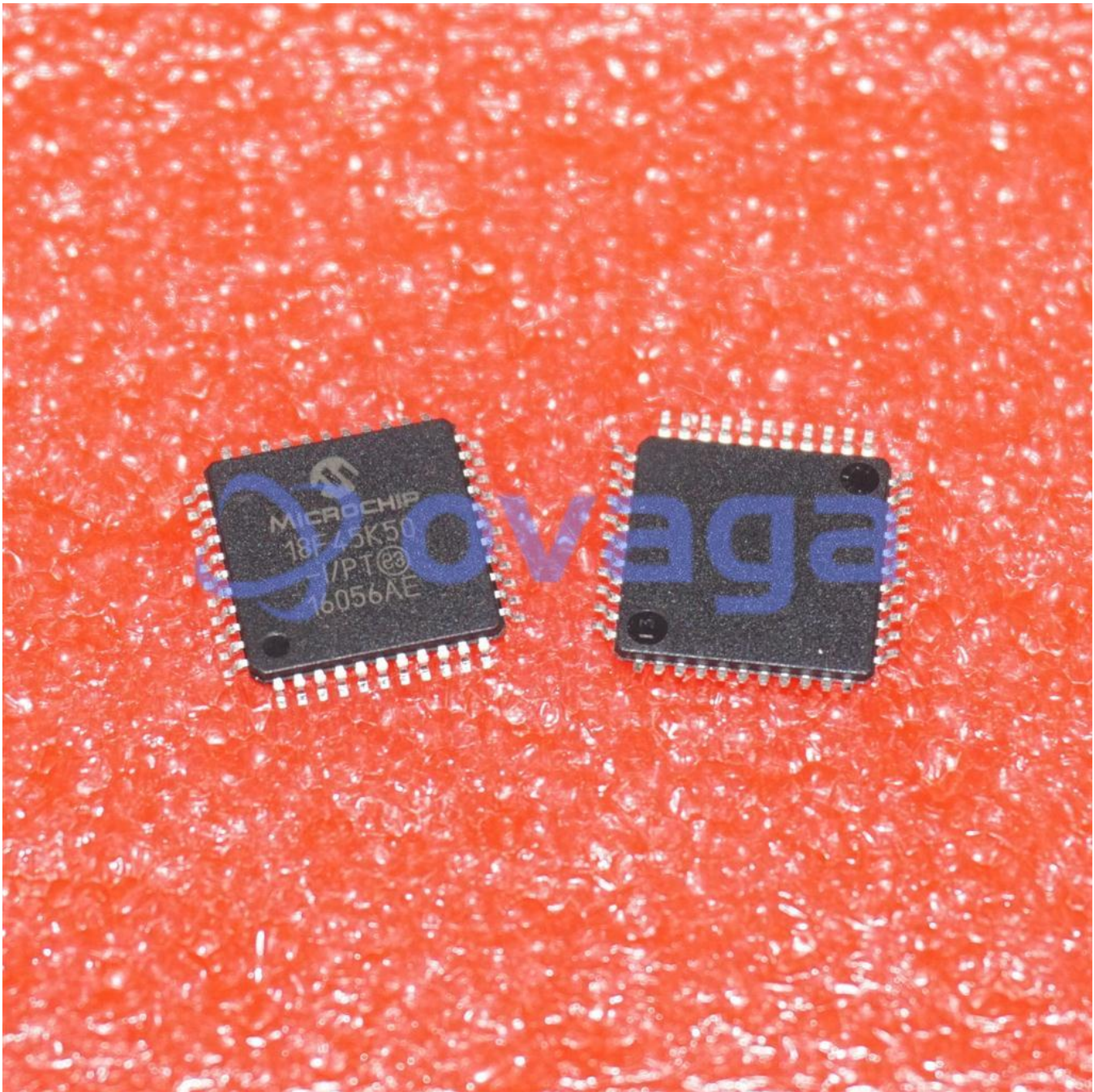
Programmable Brown-Out Reset (BOR)

In Circuit Serial Programming and Debug (ICSP/ICD)

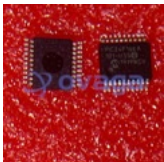
PIC18LF2xK50 (1.8V – 3.6V) with nanoWatt XLP

PIC18F2xK50 (1.8V – 5.5V)



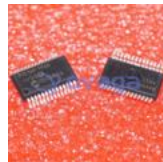


Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



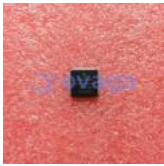
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

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[PIC18F2620-I/SP](#)

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TQFP-100