

8-bit Microcontrollers - MCU SINGLE-CHIP 8-BIT MCU

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PLCC-68
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P80C592FFA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

P80C592FFA is a microcontroller chip manufactured by NXP Semiconductors (formerly Philips Semiconductors). Here are some of its features:

### Features

It is an 8-bit microcontroller with a 8051-compatible architecture.

It operates at a clock speed of up to 24 MHz.

It has 64 KB of on-chip ROM for program storage.

It has 2 KB of on-chip RAM for data storage.

It has 3 16-bit timers/counters, a watchdog timer, and a real-time clock.

It has 4 8-bit I/O ports and supports multiple serial interfaces, including UART, I2C, and SPI.

### Application

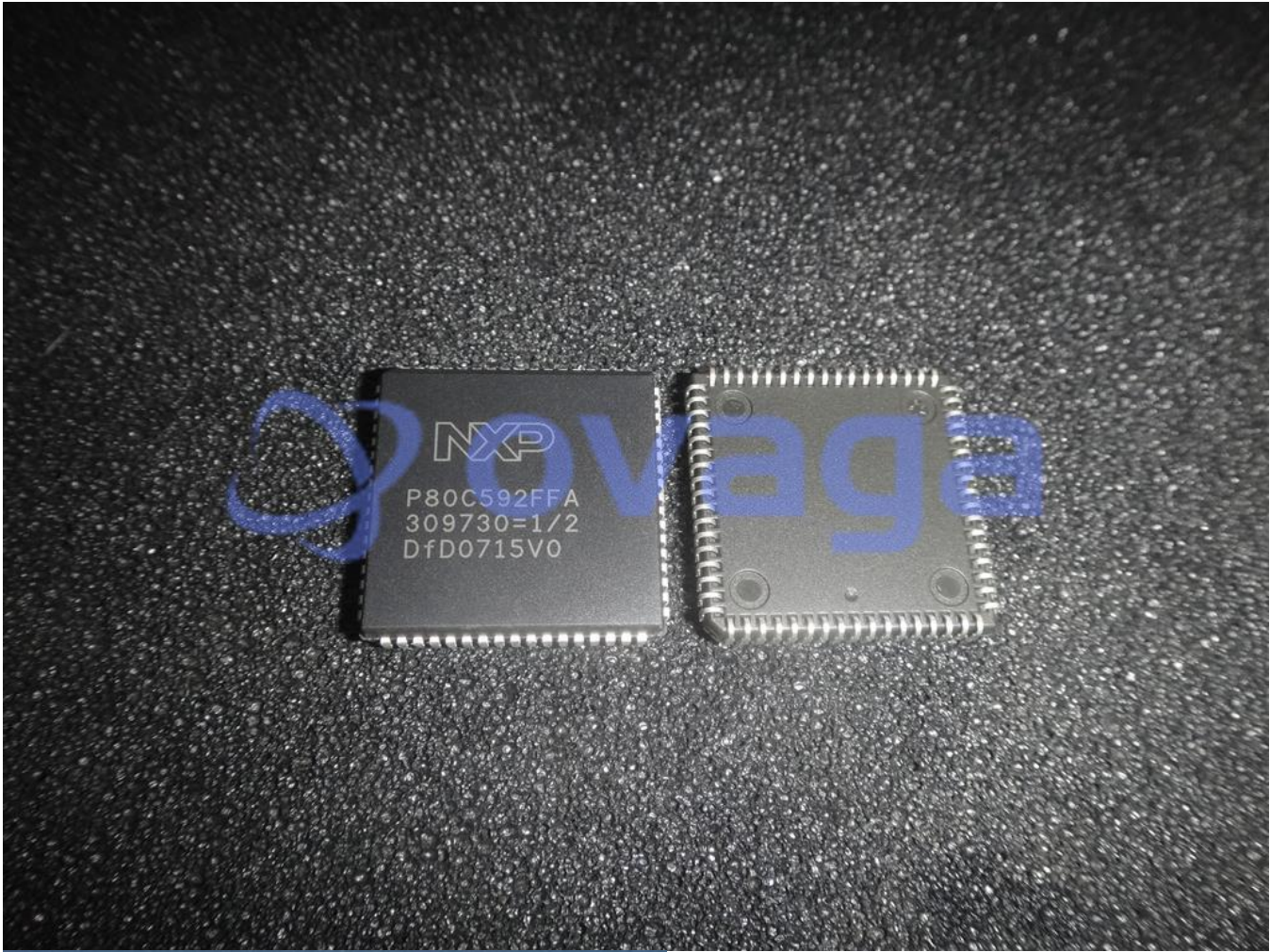
Industrial automation

Automotive systems

Consumer electronics

Medical devices

Robotics



### Related Products



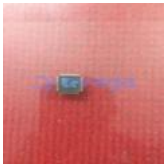
#### [P89V664FA](#)

NXP Semiconductor  
PLCC44



#### [P87C52X2FN](#)

NXP Semiconductor  
DIP40



[P89V51RD2FBC](#)

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QFP-44



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