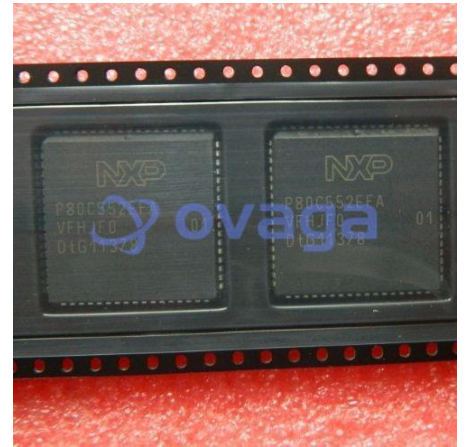


Single-chip 8-bit microcontroller with 10-bit A/D, capture/compare timer, high-speed outputs, PWM

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PLCC-68
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P80C552EFA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

P80C552EFA is a microcontroller from the 8051 family, which is widely used in embedded systems. Here are some of its features:

### Features

80C51 central processing unit (CPU) with a 16-bit timer/counter, 256 bytes of on-chip RAM, and 8 kilobytes of on-chip flash memory.

8-channel 10-bit analog-to-digital converter (ADC) and 4-channel pulse width modulation (PWM) output.

Three 16-bit timer/counters with selectable operating modes.

Two full-duplex UARTs with automatic baud rate detection.

On-chip oscillator with clock frequencies up to 33 MHz.

Multiple power-saving modes for low-power applications.

Operating temperature range of -40°C to 85°C.

### Application

Industrial control systems

Automotive systems

Consumer electronics

Communications equipment

Medical devices



**Related Products**



[P89LPC932A1FDH](#)

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TSSOP-28



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