

8-bit microcontrollers with two-clock 80C51 core 1 kB 3 V Flash with 128-byte RAM - ADCs: 1 Analog Comp. ; Clock type: 2-clk ; External interrupt: 1 ; Function: 8-bit 80C51 uController ; I/O pins: 6 ; Memory size: 1K kBits; Memory type: FLASH ; Numbe

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	SOP-8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89LPC901FD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P89LPC901FD is a microcontroller produced by NXP Semiconductors (formerly Philips Semiconductors).

Features

- 8-bit 8051-compatible CPU core running at up to 12 MHz
- 32 KB flash memory and 1024 bytes of RAM
- 10-bit ADC (analog-to-digital converter) with 8 channels
- Two 16-bit timers/counters and a watchdog timer
- UART (universal asynchronous receiver-transmitter) and I2C (inter-integrated circuit) serial interfaces
- Up to 34 GPIO (general-purpose input/output) pins
- Operating voltage range of 2.7V to 5.5V

Application

- Industrial control systems
- Sensor monitoring and data acquisition
- Motor control and drives
- Lighting and power control
- Consumer electronics
- Home automation



Related Products



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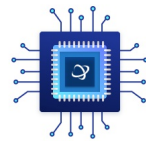
[P89V51RD2FN](#)

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