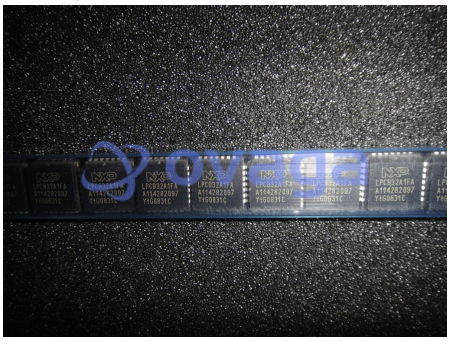
P89LPC932A1FA

Data Sheet

8-bit microcontroller with accelerated two-clock 80C51 core 8 kB 3 V byte-erasable flash with 512-byte data EEPROM - ADCs: 2 Analog Comp. ; Clock type: 2-clk ; External interrupt: 3 ; Function: 8-bit 80C51 uController ; I/O pins: 26 ; Memory size: 8K

Manufacturers	NXP Semiconductor
Package/Case	PLCC-28
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89LPC932A1FA or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

P89LPC932A1FA is a microcontroller from NXP Semiconductors (formerly Philips Semiconductors), which belongs to the 89C51/89C52/89C54/89C58 family. It is an 8-bit microcontroller with a low pin count (20 pins) and is based on a single-cycle 8051 core with integrated flash memory and on-chip peripherals.

Features

Operating voltage range: 2.7V to 3.6V

CPU clock frequency: up to 30 MHz

8 kB on-chip flash program memory

256 bytes on-chip RAM

Two 16-bit timer/counters

UART (Universal Asynchronous Receiver Transmitter) for serial communication

SPI (Serial Peripheral Interface) for communication with other devices

5-channel 10-bit ADC (Analog-to-Digital Converter)

Application

Industrial control systems

Data communication equipment

Motor control applications

Household appliances

Gaming machines

Personal digital assistants (PDAs)

Remote controllers

Automotive systems

Related Products

P89LPC932A1FDH

NXP Semiconductor

TSSOP-28

P80C552EFA

NXP Semiconductor

PLCC-68

P89V51RD2FA

NXP Semiconductor

PLCC-44

P89LV51RD2BBC

NXP Semiconductor

44-TQFP

P89C669FA

NXP Semiconductor

PLCC-44

P87C591VFA

NXP Semiconductor

PLCC44

P89C668

NXP Semiconductor

PLCC44

P87C552SBAA

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PLCC68