

MCU 8-bit P89 80C51 CISC 32KB Flash 5V

Manufacturers	NXP Semiconductor
Package/Case	TQFP-44
Product Type	Memory
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89V51RC2FBC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P89V51RC2FBC is a microcontroller based on the 8051 architecture, manufactured by NXP Semiconductors. Here are some of its features:

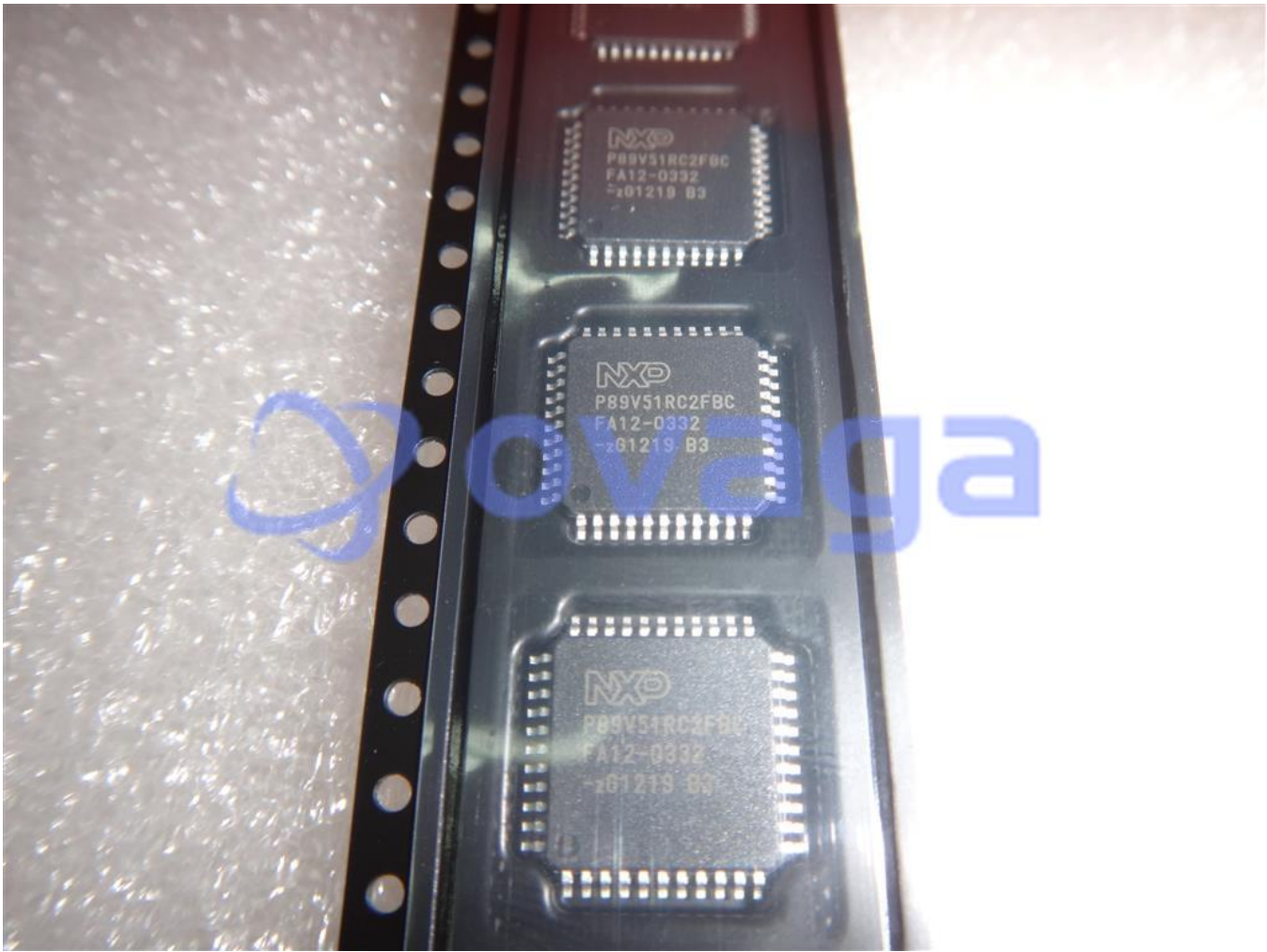
Features

- It has an 8-bit CPU core with a maximum clock frequency of 40 MHz.
- It has 64 KB of Flash program memory and 1 KB of EEPROM data memory.
- It has 32 programmable I/O pins and supports multiple communication interfaces such as UART, SPI, and I2C.
- It has an on-chip watchdog timer, 3-channel PCA (Programmable Counter Array), and two 16-bit timer/counters.

Application

- Control systems for motors, pumps, and other industrial machinery
- Data communication equipment such as modems, routers, and switches
- Home appliances like washing machines, air conditioners, and refrigerators
- Electronic instruments such as multimeters, oscilloscopes, and signal generators



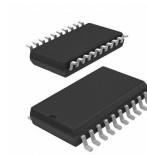


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