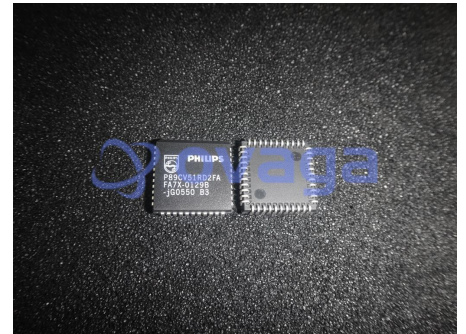


8-bit 80C51 5 V low power 64 kB flash microcontroller with 1 kB RAM, SPI, 6-clock CPU with 6/12-clock peripherals

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PLCC44
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89CV51RD2FA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

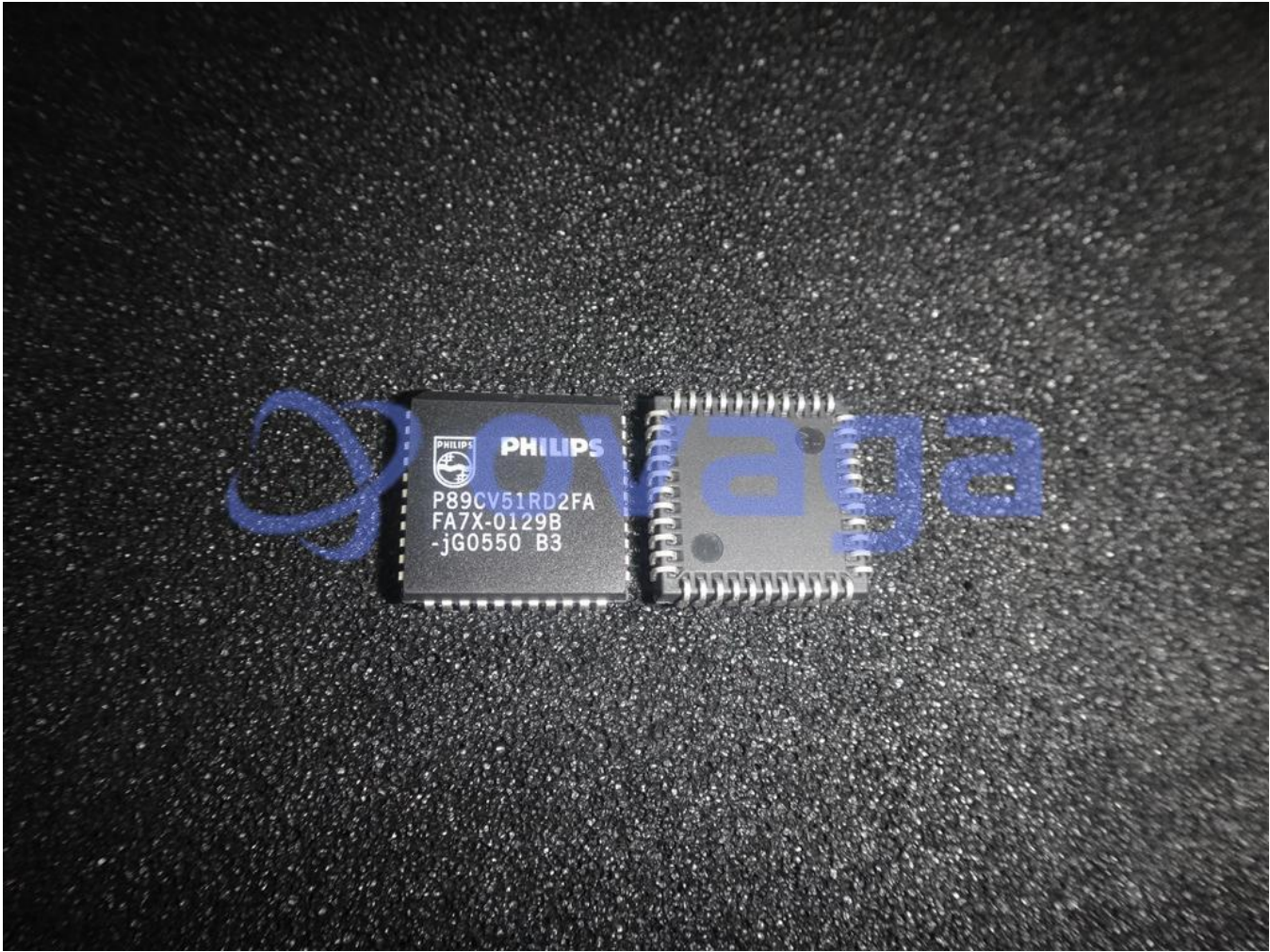
P89CV51RD2FA is a microcontroller from NXP Semiconductors. It is an 8-bit microcontroller based on the 8051 architecture, with 64KB of Flash memory and 2048 bytes of RAM. Some of its key features include:

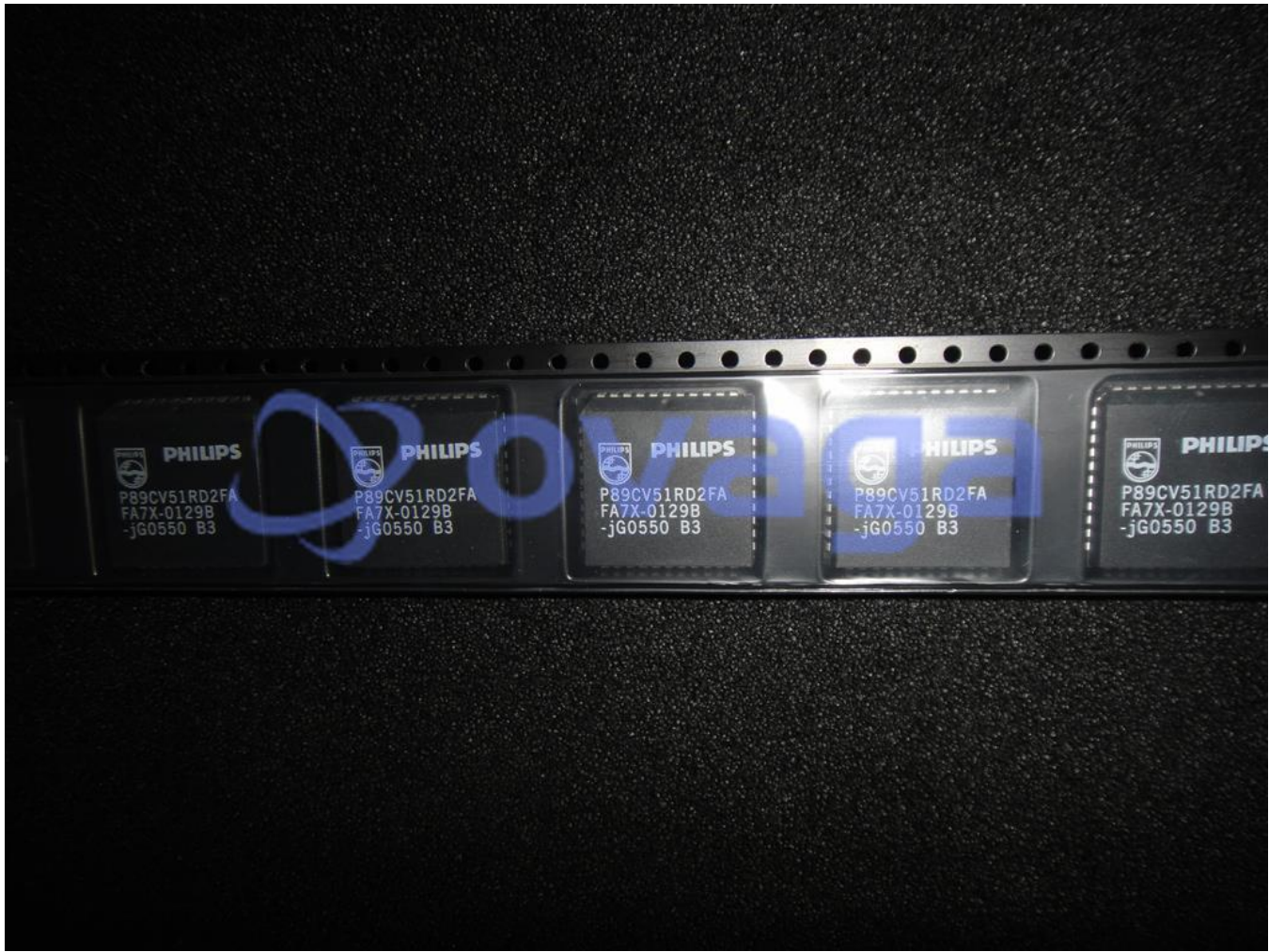
### Features

- 4 8-bit I/O ports
- 3 16-bit timer/counters
- 2 UARTs (Universal Asynchronous Receiver/Transmitter)
- SPI (Serial Peripheral Interface) and I2C (Inter-Integrated Circuit) interfaces
- 6 interrupt sources
- On-chip oscillator and clock circuitry
- Power management features

### Application

- Automotive systems
- Industrial control systems
- Consumer electronics
- Medical devices
- Smart home automation
- Robotics





## Related Products



### [P89V664FA](#)

NXP Semiconductor  
PLCC44



### [P80C592FFA](#)

NXP Semiconductor  
PLCC-68



### [P87C52X2FN](#)

NXP Semiconductor  
DIP40



### [P89V51RD2FBC](#)

NXP Semiconductor  
QFP-44



### [P87LPC764FN](#)

NXP Semiconductor  
DIP20



### [P89C668HBA](#)

NXP Semiconductor  
PLCC-44



### [P89LPC901FN](#)

NXP Semiconductor  
DIP8



### [P89C668HFA](#)

NXP Semiconductor  
PLCC-44