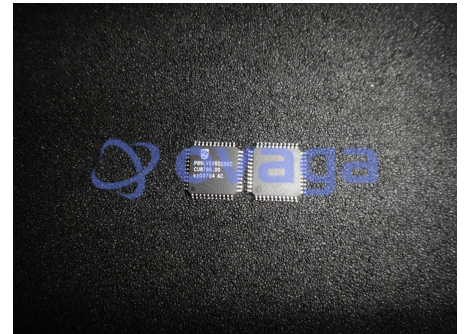


8-bit 80C51 3 V low power 16/32/64 kB Flash microcontroller with 1 kB RAM - ADCs: - ; Clock type: 12-clk (6-clk opt.) ; External interrupt: 2 ; Function: 8-bit 80C51 uController ; I/O pins: 32 ; Memory size: 64K kBits; Memory type: FLASH ; Number of

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	44-TQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89LV51RD2BBC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

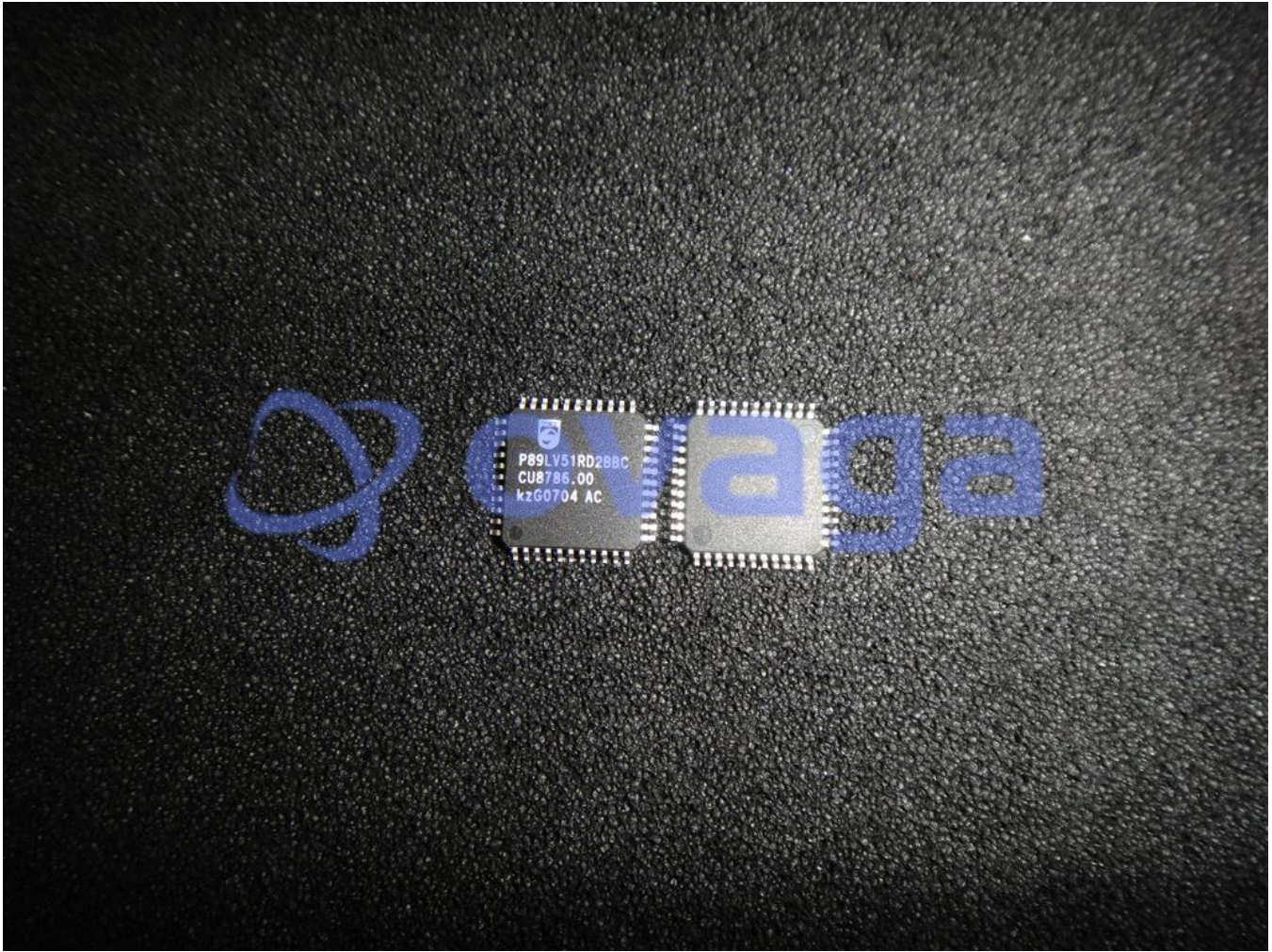
P89LV51RD2BBC is a microcontroller unit (MCU) manufactured by NXP Semiconductors. It belongs to the 8051 family of MCUs and is based on the Intel MCS-51 instruction set architecture. Here are some of its features:

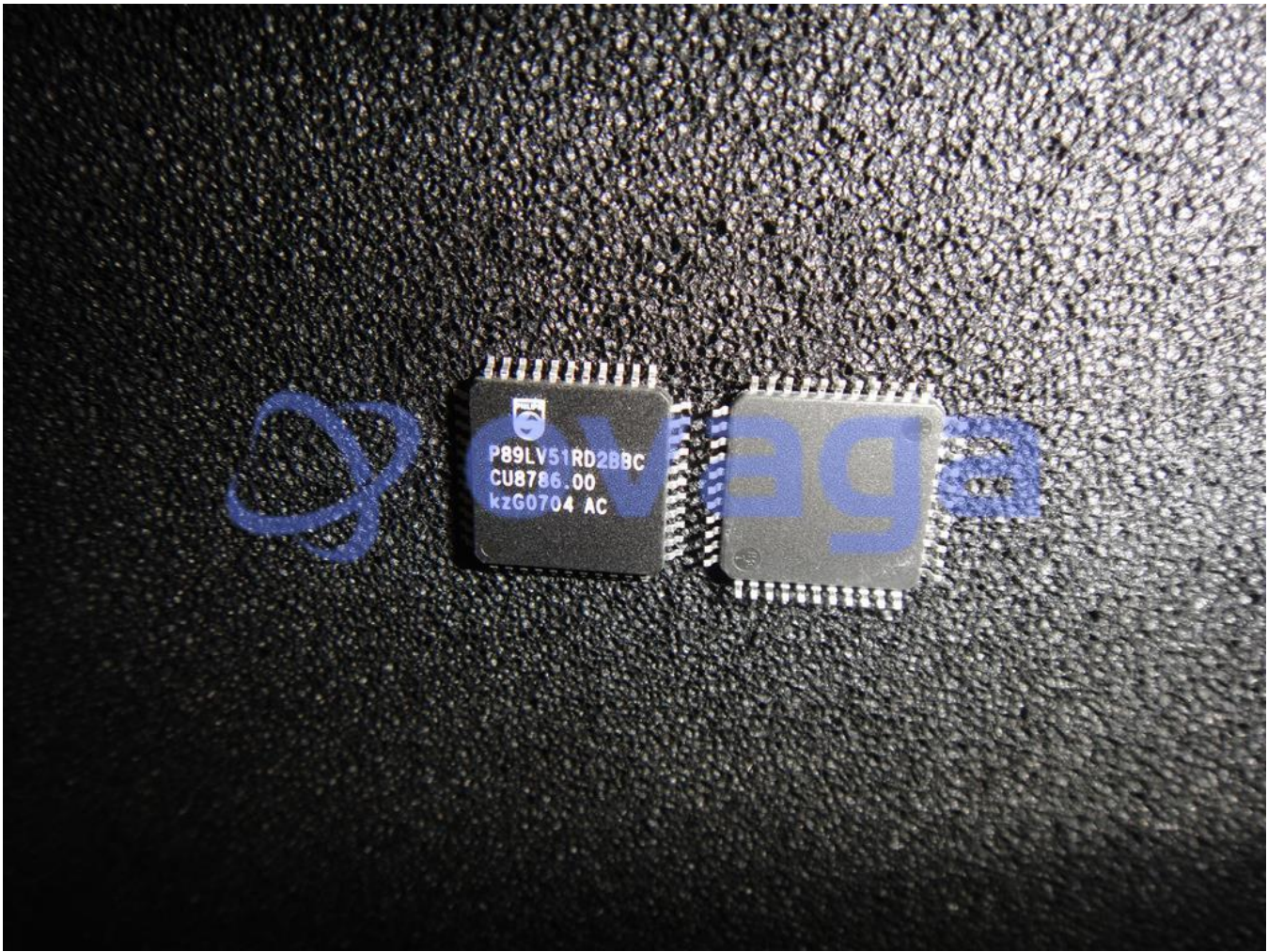
Features

- 8-bit CPU core running at up to 40 MHz clock frequency
- 32 KB of Flash memory for program storage
- 1 KB of RAM for data storage
- Two 16-bit timers/counters
- Two UARTs (serial communication interfaces)
- SPI (Serial Peripheral Interface) communication interface
- 32 general-purpose I/O pins
- 5 V operating voltage

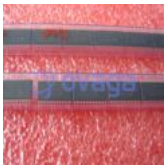
Application

- Industrial control systems
- Automotive electronics
- Robotics
- Consumer electronics
- Home automation





Related Products



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NXP Semiconductor
PLCC-68



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