

MICROCONTROLLER MCU, 8 BIT, HC08, 8MHZ, Controller Family/Series:HC08AB, CPU Speed:8MHz, Program Memory Size:32KB, RAM Memory Size:1KB, No. of Pins:64, MCU Case Style:QFP, No. of I/O's:51, Embedded Interface Type:SCI, SPI



Images are for reference only

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	PQFP-64
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Please submit RFQ for MC908AB32CFUE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC908AB32CFUE is a microcontroller from the Freescale (now NXP) HC08 family. It is an 8-bit microcontroller with an integrated flash memory, and it operates at a maximum frequency of 8 MHz.

Features

- 32 KB of flash memory for program storage
- 1 KB of RAM for data storage
- 16-bit timer system
- Two 8-bit timer channels
- 10-bit analog-to-digital converter (ADC)
- Serial peripheral interface (SPI)
- Inter-integrated circuit (I2C)
- 28-pin SOIC package

Application

- Engine control units (ECUs) in automotive systems
- Temperature control in industrial equipment
- Alarm systems and access control in security systems
- Remote control devices and smart home appliances in consumer electronics



Related Products



[MC9S12NE64VTUE](#)

NXP Semiconductor
TQFP-80



[MC912D60ACFUE8](#)

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[MC9S08GB60CFU](#)

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[MC908AZ32ACFUE](#)

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NXP Semiconductor
LQFP-64



[MC68376BACAB20](#)

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PQFP-160



[MC912DG128CCPVE](#)

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TQFP-112



[MC908QY8VDWE](#)

NXP Semiconductor
SOIC-16