

16-BIT MPU, Microcontrollers (MPU), 16-BIT MPU

Manufacturers	NXP Semiconductor
Package/Case	PLCC-68
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC68HC000EI20 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MC68HC000EI20 is a microprocessor chip manufactured by Motorola (now NXP Semiconductors). Here are some of its features:

Features

It is a 32-bit microprocessor with a clock speed of 20 MHz.

It has 8 KB of on-chip RAM and 512 bytes of on-chip EEPROM.

It has a 16-bit data bus and a 24-bit address bus.

It uses a RISC-based instruction set, which means that it can execute instructions in fewer clock cycles than CISC-based processors.

It has a built-in MMU (Memory Management Unit) for virtual memory support and protection.

Application

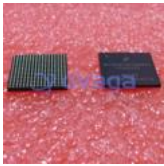
Embedded systems: The MC68HC000EI20 is well-suited for use in embedded systems, such as automotive applications, industrial control systems, and consumer electronics devices.

Computer peripherals: The MC68HC000EI20 can be used in various computer peripherals, such as printers, scanners, and disk drives.

Networking equipment: The MC68HC000EI20 can be used in networking equipment, such as routers and switches.



Related Products



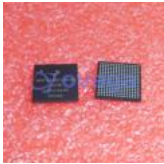
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



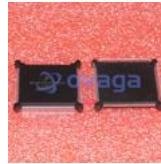
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



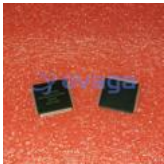
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

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QFP-80



[MC9S08GT8AMFBE](#)

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QFP-44