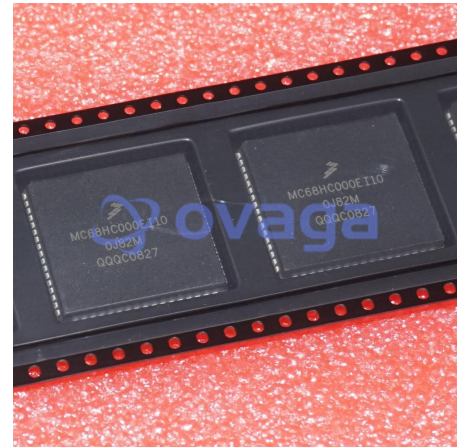


16-BIT MPU, Microcontrollers (MPU), 16-BIT MPU

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



Images are for reference only

Please submit RFQ for MC68HC000EI10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

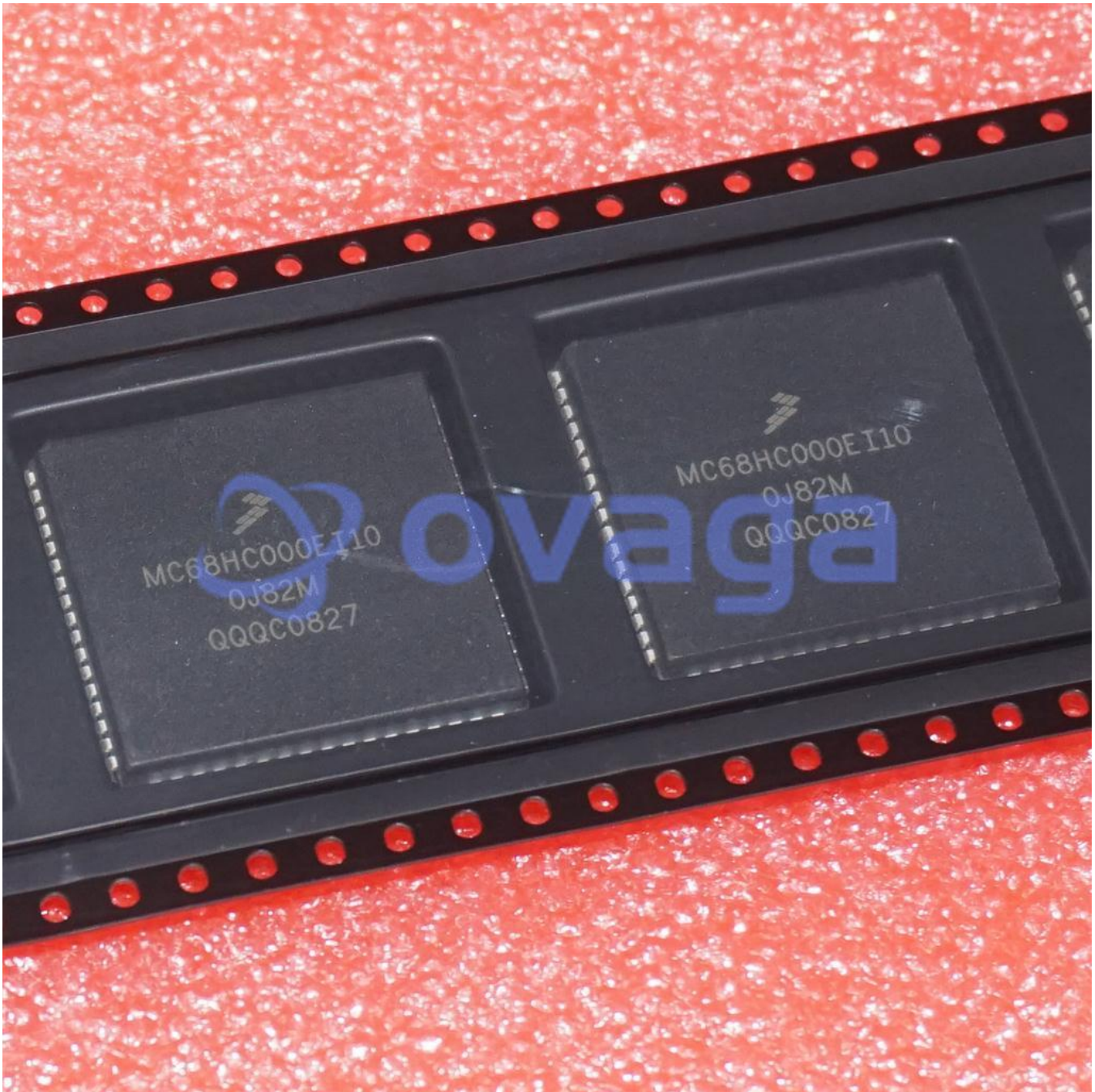
The MC68HC000EI10 is a microprocessor from the Motorola 68000 family, specifically the HC000 series. It was introduced in 1987 and is still used in some legacy systems today.

Features

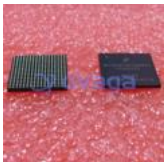
- 32-bit processor with a 16-bit data bus
- Clock speed of 10 MHz
- 68-pin ceramic quad flat pack (CQFP) package
- 8 KB instruction cache
- Memory management unit (MMU)
- 8-channel direct memory access (DMA) controller
- On-chip interrupt controller
- Two serial ports (SCI and SPI)
- 8-bit parallel I/O port

Application

- Industrial control systems
- Medical equipment
- Telecommunications equipment
- Gaming machines
- Military and aerospace applications



Related Products



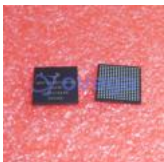
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



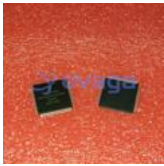
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
100-LQFP



[MC9S12DG128MFUE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-80



[MC9S2223CAF80](#)

NXP Semiconductor
QFP-44