

MPU ColdFire M68000 Processor RISC 32bit 16MHz 144-Pin LQFP Tray

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	144-LQFP
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68340AG16E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC68340AG16E is a microcontroller unit (MCU) from the Motorola 68000 family. It is a highly integrated device that combines a powerful CPU, multiple communication interfaces, timers, and other peripherals. Here are some of its features:

### Features

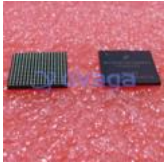
- 16 MHz 32-bit CPU based on the Motorola 68000 architecture
- 4-channel DMA controller
- 16-bit timer system with multiple input and output modes
- Two serial communication interfaces (SCI) and two serial peripheral interfaces (SPI)
- 64K bytes of on-chip SRAM and 256K bytes of on-chip Flash memory
- Low-power standby mode
- 144-pin QFP package

### Application

- Networking equipment such as routers, switches, and gateways
- Industrial control systems
- Automotive electronics such as engine control modules and instrument clusters
- Medical devices such as patient monitors and infusion pumps
- Military and aerospace systems

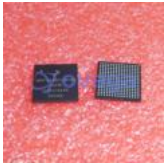


## Related Products



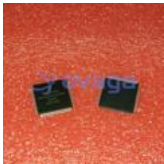
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



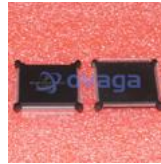
### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44