

ColdFire Microcontroller, Coldfire Family MC683xx Series Microcontrollers, Coldfire v1, 32bit

Manufacturers	NXP Semiconductor
Package/Case	QFP-132
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68332GCEH16 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68332GCEH16 is a 32-bit microcontroller from the Motorola/Freescale 68K family of microprocessors. It is a high-performance, low-power consumption device with a maximum clock frequency of 16 MHz. The "GCEH16" part number indicates that this particular variant of the MC68332 has 16KB of on-chip RAM, and is available in a 144-pin LQFP package.

Features

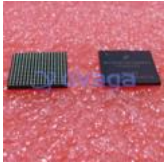
- 32-bit CPU with an instruction set that is backwards-compatible with the Motorola 68000 microprocessor.
- 16KB of on-chip SRAM and 256KB of on-chip ROM.
- Two UARTs, two timer/counter modules, and a parallel I/O port.
- A direct memory access (DMA) controller that supports up to eight channels.
- A memory management unit (MMU) that supports virtual memory and memory protection.

Application

- MC68332ACFC16
- MC68332ACAG16
- MC68332ACFC20
- MC68332ACAG20

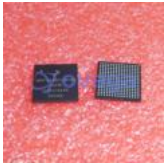


Related Products



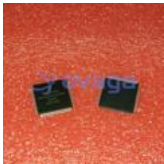
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



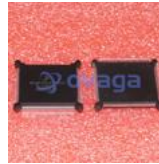
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44