

MPU ColdFire M683xx Processor RISC 32bit 0.57um 25MHz 240-Pin FQFP Tray

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	240-BFQFP
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68EN360AI25L or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC68EN360AI25L is a microprocessor unit (MPU) manufactured by Freescale Semiconductor (now NXP Semiconductors). It is a member of the MC68000 family of 32-bit microprocessors and was designed for embedded systems that require high processing power.

## Features

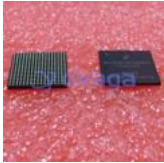
- A 25 MHz clock speed
- A 32-bit CPU core with a 32-bit data bus and 32-bit address bus
- 4 kilobytes of instruction cache and 4 kilobytes of data cache
- Built-in Ethernet controller with 10 Mbps throughput
- Support for up to 8 DMA channels
- 3 UARTs, 2 SCCs, and 1 SMC for serial communication
- 1 parallel interface for printer or other parallel devices
- Support for up to 32 interrupt sources

## Application

- Network routers and switches
- Industrial control systems
- Medical equipment
- Point of sale terminals
- Test and measurement equipment



## Related Products



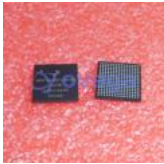
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



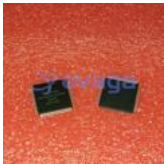
### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44