

32 BIT MICROPROCESSOR-MPU, 40MHZ, MPU Core Size:32bit, Program Memory Size:512Byte

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	QFP-132
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68EC030FE40C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC68EC030FE40C is a microprocessor unit (MPU) manufactured by Motorola (now Freescale Semiconductor) that was introduced in the early 1990s. It is part of the Motorola 68000 family of processors and is based on the Motorola 68030 CPU, but with a reduced instruction set and some other features removed to reduce cost.

## Features

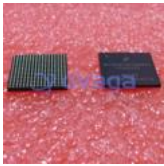
- Clock frequency of up to 40 MHz
- 32-bit data bus and 32-bit address bus
- 68881/68882-compatible floating-point unit (FPU) on-chip
- 4KB instruction cache and 4KB data cache
- 4GB of addressable memory
- 32-bit memory management unit (MMU)
- Built-in direct memory access (DMA) controller
- 32-bit timer/counters and interrupt controller

## Application

- MC68030FE40C
- MC68030RC40C
- MC68EN302PV25B
- MC68EC040RC25B
- MC68EC040RC33B



## Related Products



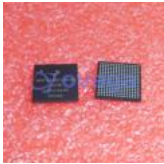
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



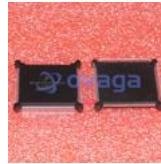
[MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



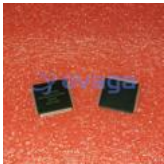
[MCF5253CVM140](#)

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](#)

NXP Semiconductor  
QFP-44