

MPU ColdFire V2 MCF52xx Processor RISC 32bit 150MHz 196-Pin MAP-BGA Tray

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	196-LBGA
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCF5270CVM150 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MCF5270CVM150 is a microcontroller produced by NXP Semiconductors (formerly Motorola) based on the ColdFire V2 core. It is part of the MCF5270 family of microcontrollers and has a maximum operating frequency of 150 MHz.

## Features

- 32-bit ColdFire V2 core with integrated MMU and FPU
- 256 KB flash memory and 32 KB SRAM
- Ethernet controller with 10/100 Mbps support
- 4 UARTs, 2 SPIs, 2 I2C interfaces, and a CAN controller
- 8-channel DMA controller
- Timer modules for PWM, input capture, and output compare
- 16-bit ADC with 8 channels
- Operating temperature range of -40°C to +85°C

## Application

- Ethernet switches and routers
- Industrial automation and control systems
- Motor control systems
- Medical equipment
- Building automation systems



## Related Products



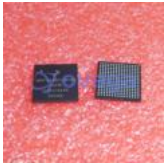
### [MCMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



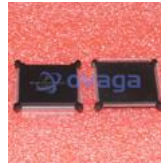
### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



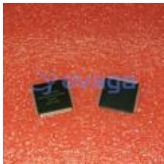
### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MCF52223CAF80](#)

NXP Semiconductor  
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### [MC9S12DP512VPVE](#)

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### [MC9S12DG128MFUE](#)

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### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44