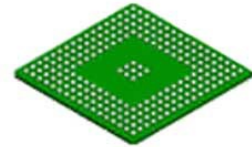


ColdFire Microcontroller, Coldfire V2 Family MCF528x Series Microcontrollers, Coldfire v2, 32bit

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	MAPBGA-256
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCF5282CVM66 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



## General Description

MCF5282CVM66 is a microcontroller unit (MCU) manufactured by NXP Semiconductors. It is a member of the ColdFire V2 microcontroller family and is based on the 32-bit ColdFire V2 core.

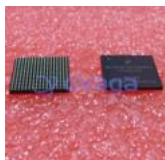
## Features

- Maximum CPU clock speed of 66 MHz
- 512 KB of flash memory and 64 KB of RAM
- Ethernet interface, USB interface, and multiple serial interfaces
- 16-bit ADC and 12-bit DAC
- Support for various communication protocols like CAN, SPI, I2C, and UART

## Application

- Industrial control systems
- Medical equipment
- Home automation
- Building automation
- Automotive control systems

## Related Products



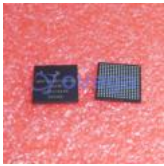
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



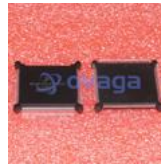
[MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



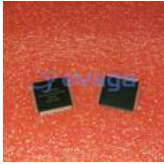
[MCF5253CVM140](#)

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