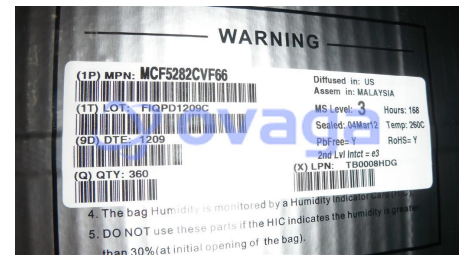


MCU Applications:Ethernet, Architecture:Coldfire v2, MCU Core Size:32bit, Program Memory Size:512KB, RAM Memory Size:64KB, CPU Speed:66MHz,

Manufacturers	NXP Semiconductor
Package/Case	BGA-256
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MCF5282CVF66 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

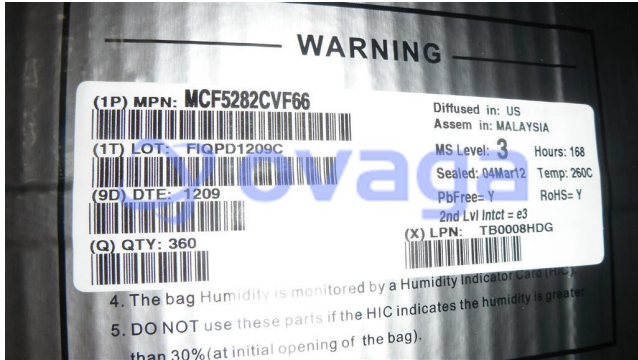
MCF5282CVF66 is a microcontroller unit (MCU) manufactured by NXP Semiconductors. It is a member of the ColdFire® V2 family of 32-bit embedded microcontrollers that are designed for use in a wide range of applications, including industrial control, automotive, and consumer electronics.

Features

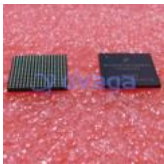
- 66 MHz ColdFire V2 core with 32-bit RISC architecture
- 256 KB flash memory and 64 KB SRAM
- Ethernet controller with 10/100 Mbps MAC and PHY
- Dual UARTs, SPI, I2C, and CAN interfaces
- 16-channel, 12-bit ADC and 2-channel DAC
- PWM, timers, and interrupt controller
- Low-power modes for battery-powered applications

Application

- Industrial control systems, such as factory automation, process control, and robotics
- Automotive electronics, including engine management, instrument clusters, and infotainment systems
- Consumer electronics, such as set-top boxes, gaming consoles, and home automation devices

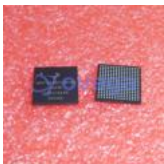


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100-LQFP



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LQFP-112



[MC9S08GT8AMFBE](#)

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QFP-44