

ColdFire Microcontroller, Coldfire Microcontrollers, Coldfire v1, 32bit, 20 MHz, 2 KB, 2 KB

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68332ACAG20 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MC68332ACAG20 is a microcontroller unit (MCU) produced by Freescale Semiconductor (now NXP Semiconductors). Here are some of its features:

Features

It has a 32-bit CPU core based on the Motorola 68000 instruction set.

It runs at a maximum clock speed of 20 MHz.

It has 32 KB of on-chip static RAM and 256 KB of on-chip flash memory.

It has a wide range of integrated peripherals, including a direct memory access (DMA) controller, timer/counters, serial interfaces (SCI, SPI), parallel I/O ports, and an analog-to-digital converter (ADC).

It supports a variety of external memory types, including dynamic RAM (DRAM), static RAM (SRAM), and flash memory.

Application

Industrial control systems, such as programmable logic controllers (PLCs) and motor control systems.

Automotive systems, such as engine management, transmission control, and climate control.

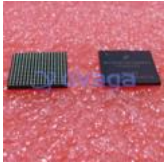
Medical devices, such as patient monitoring systems and imaging equipment.

Communications equipment, such as routers, switches, and modems.

Consumer electronics, such as home automation systems and gaming consoles.



Related Products



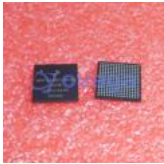
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



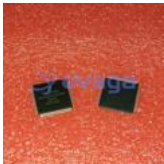
[MCF5253CVM140](#)

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NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

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LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



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QFP-44