

68K INTGR COM PROC, DMA, Microcontrollers (MPU), 68K INTGR COM PROC
DMA

Manufacturers	NXP Semiconductor
Package/Case	PQFP-132
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68302CEH20C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MC68302CEH20C is a microprocessor unit (MPU) manufactured by Motorola Semiconductor, which is now part of NXP Semiconductors. It is a highly integrated system-on-chip (SoC) that includes a processor core, memory management unit (MMU), and various peripherals such as timers, serial ports, and direct memory access (DMA) controllers.

Features

Processor core: It features a 32-bit processor core based on the Motorola 68000 architecture, which can execute up to 20 million instructions per second (MIPS) at a clock frequency of 20 MHz.

Memory management unit: It includes a memory management unit (MMU) that supports virtual memory and allows the MPU to address up to 4 GB of physical memory.

Peripherals: It includes a variety of peripherals, such as two UARTs, a parallel port, an I2C interface, and a SCSI controller. It also includes several timers and DMA controllers.

Interfaces: It has interfaces for external memory, interrupt control, and direct memory access (DMA).

Application

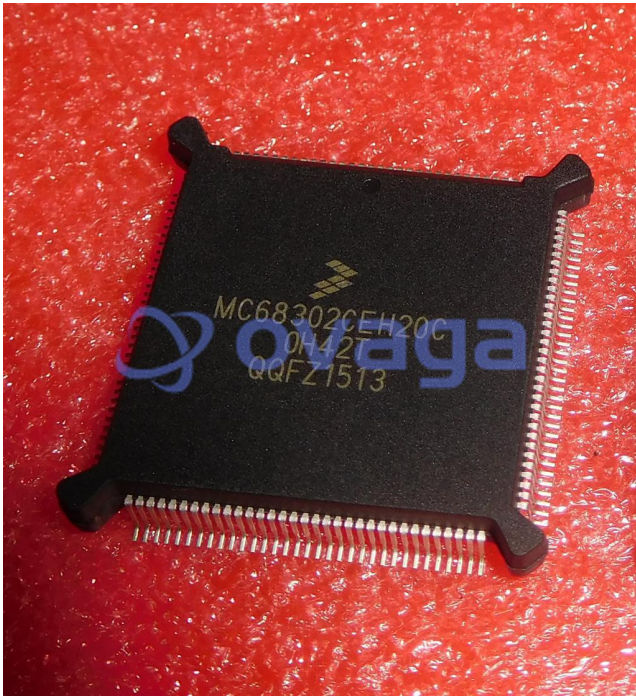
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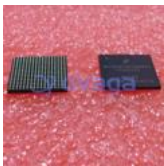
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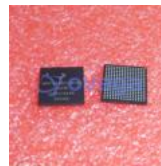


Related Products



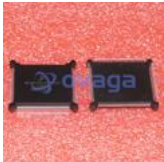
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NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

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QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



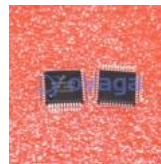
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NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

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QFP-44



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