

MPU ColdFire MCF5xxx Processor RISC 32bit 0.35um 90MHz 3.3V 208-Pin FQFP Tray

Manufacturers	NXP Semiconductor
Package/Case	208-BFQFP
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MCF5307AI90B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MCF5307AI90B is a microcontroller unit (MCU) from NXP Semiconductors, formerly Freescale Semiconductor. It is part of the ColdFire family of embedded microcontrollers and is based on a 32-bit RISC architecture.

Features

CPU core: ColdFire V3

Clock speed: 90 MHz

On-chip memory: 512 KB flash, 32 KB SRAM

Peripherals: Ethernet, USB, CAN, SPI, I2C, UART, ADC, DMA

Operating temperature range: -40°C to +85°C

Package type: 208-pin LQFP

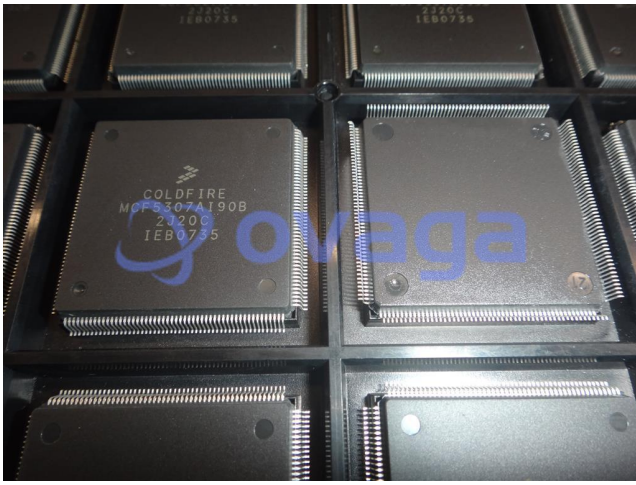
Application

MCF5307AI90B60 - same MCU but with a 60 MHz clock speed

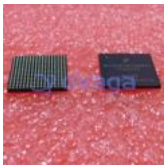
MCF5307AI90B166 - same MCU but with 166 MHz clock speed

MCF5307AI90B50 - same MCU but with a 50 MHz clock speed

MCF5307AI90B133 - same MCU but with a 133 MHz clock speed



Related Products



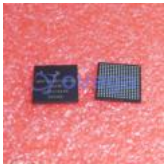
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



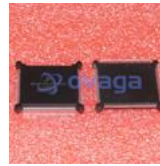
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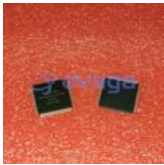
[MCF5253CVM140](#)

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