

DRAGONBALL VZ PB-FR, Microcontrollers (MPU), DRAGONBALL VZ PB-FR MOU 32Bit

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



Images are for reference only

Please submit RFQ for MC68VZ328AG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68VZ328AG is a microprocessor unit (MPU) manufactured by NXP Semiconductors. It is a member of the MC68EZ328 family of embedded processors and is designed for use in embedded systems.

Features

32-bit CPU core based on the ColdFire V2 architecture, which offers high performance and low power consumption.

Clock speed of up to 66 MHz.

32-bit external bus interface with support for various memory types such as SRAM, SDRAM, EPROM, and Flash.

Integrated peripherals including UARTs, SPI, I2C, timers, interrupt controller, and GPIO (General Purpose Input/Output) pins.

Built-in memory management unit (MMU) for virtual memory support.

Low power modes for power management in battery-powered or energy-efficient systems.

Operating temperature range of -40°C to +105°C.

Application

Embedded systems, including industrial control systems, networking equipment, and automotive electronics.

Consumer electronics such as home appliances, printers, and multimedia devices.

Medical devices and instrumentation.

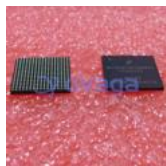
Security systems and access control.

Internet of Things (IoT) devices.





Related Products



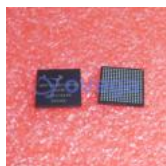
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



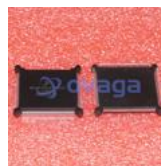
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MCF5253CVM140](#)

NXP Semiconductor
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[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44