

IC MPU MPC52XX 400MHz 272BGA

| | |
|---------------|-----------------------------------|
| Manufacturers | NXP Semiconductor |
| Package/Case | 272-BBGA |
| Product Type | Embedded Processors & Controllers |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for SPC5200CBV400 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SPC5200CBV400 is a microprocessor designed by Freescale, now NXP Semiconductors. It belongs to the PowerQUICC II family of embedded processors and features a dual-core PowerPC architecture with clock speeds up to 400 MHz.

Features

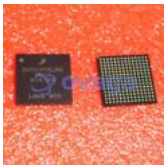
- Dual-core PowerPC architecture with 32-bit instruction set
- Clock speed up to 400 MHz
- On-chip memory controllers for SRAM, SDRAM, and Flash memory
- Integrated Ethernet controllers and PCI interfaces
- Support for various communication protocols, including CAN, SPI, I2C, and UART
- Integrated security features, such as DES and AES encryption and a true random number generator
- Low power consumption and advanced power management features

Application

- Automotive and industrial control systems
- Networking and telecommunications equipment
- Medical devices and imaging systems
- Aerospace and defense applications
- Gaming and multimedia devices



Related Products



[DSP56321VL240](#)

NXP Semiconductor
196-BGA



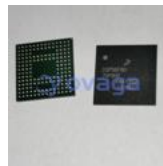
[DSP56311VL150](#)

NXP Semiconductor
BGA-196



[DSP56F827FG80E](#)

NXP Semiconductor
LQFP-128



[DSP56F807VF80E](#)

NXP Semiconductor
MAPBGA-160



[DSP56F807PY80E](#)

NXP Semiconductor
LQFP-160



[DSP56F805FV80E](#)

NXP Semiconductor
LQFP-144



[DSP56F801FA80E](#)

NXP Semiconductor
LQFP-48



[DSP56F801FA60E](#)

NXP Semiconductor
LQFP-48