



NXP Semiconductors / Freescale

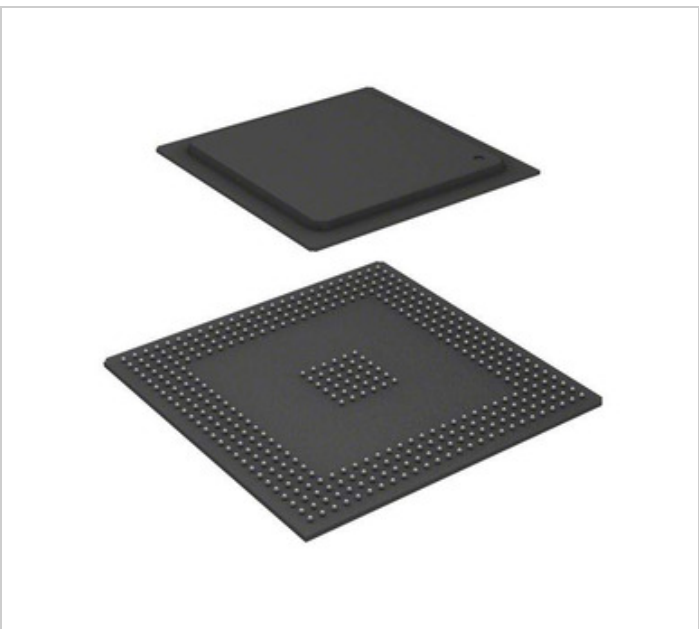


Image may be representation. See specifications for product details.

MPC564CZP66

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC564CZP66                                                                                                          |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 512KB FLASH 388BGA                                                                                      |
| Datasheets:         |  MPC564CZP66.pdf                    |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

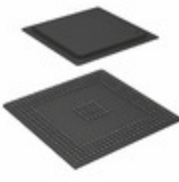
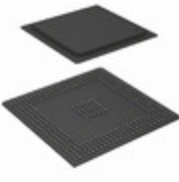
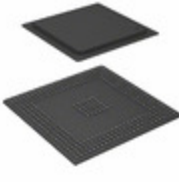
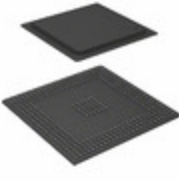
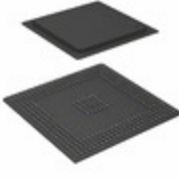
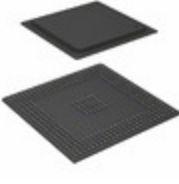
Specifications of MPC564CZP66

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC564CZP66                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 388BGA                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                  |
| DATA SHEET                       |  MPC564CZP66.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 2.7 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 388-PBGA (27x27)                                                                                    |
| SPEED                            | 66MHz                                                                                               |
| SERIES                           | MPC5xx                                                                                              |
| RAM SIZE                         | 32K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                               |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                    |
| PERIPHERALS                      | POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 388-BBGA                                                                                            |
| OTHER NAMES                      | 935325253557                                                                                        |
| OSCILLATOR TYPE                  | External                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                   |
| NUMBER OF I/O                    | 56                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                  |
| EEPROM SIZE                      | -                                                                                                   |
| DETAILED DESCRIPTION             | PowerPC MPC5xx Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 388-PBGA (27x27)              |
| DATA CONVERTERS                  | A/D 32x10b                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                              |
| CORE PROCESSOR                   | PowerPC                                                                                             |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI, UART/USART                                                               |
| BASE PART NUMBER                 | MPC564                                                                                              |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| NXP Semiconductors / Freescale MPC564CZP66 | MPC564CZP66 Distributor                 | MPC564CZP66 Supplier                           |
| MPC564CZP66 Price                          | MPC564CZP66 Pictures                    | MPC564CZP66 Image                              |
| MPC564CZP66 PDF Datasheet                  | MPC564CZP66 Download Datasheet          | MPC564CZP66 Datasheet                          |
| MPC564CZP66 Stock                          | Buy MPC564CZP66                         | Buy NXP Semiconductors / Freescale MPC564CZP66 |
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| NXP Semiconductors / Freescale MPC564CZP66 | NXP Semiconductors MPC564CZP66          | Freescale MPC564CZP66                          |
| Freescale Semiconductor - NXP MPC564CZP66  | NXP USA Inc. MPC564CZP66                |                                                |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>MPC564EVB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT EVAL FOR MPC561/562/563/564<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>MPC564CZP40</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MPC564CVR40</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MPC564MZP56R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MPC564MZP56</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MPC564MVR56R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MPC563MZP66</b><br/>Manufacturers: NXP USA Inc.<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>                     | <div></div> <div><b>MPC564MVR56</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MPC563MZP66R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MPC564CVR66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
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