

NXP Semiconductors / Freescale

MPC566MZIP56

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC566MZIP56                                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 1MB FLASH 388BGA                                                                                        |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 938 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MPC566MZIP56

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC566MZIP56                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 388BGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                 |
| QUANTITY AVAILABLE               | 938 pcs                                                                            |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 2.7 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 388-PBGA (27x27)                                                                   |
| SPEED                            | 56MHz                                                                              |
| SERIES                           | MPC5xx                                                                             |
| RAM SIZE                         | 36K x 8                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                       |
| PERIPHERALS                      | POR, PWM, WDT                                                                      |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 388-BBGA                                                                           |
| OTHER NAMES                      | 935319142557                                                                       |
| OSCILLATOR TYPE                  | External                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 56MHz 1MB (1M x 8) FLASH 388-PBGA (27x27) |
| DATA CONVERTERS                  | A/D 40x10b                                                                         |
| CORE SIZE                        | 32-Bit                                                                             |
| CORE PROCESSOR                   | PowerPC                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI, UART/USART                                              |
| BASE PART NUMBER                 | MPC566                                                                             |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MPC566MZIP56               | MPC566MZIP56 Distributor        | MPC566MZIP56 Supplier  |
| MPC566MZIP56 Price         | MPC566MZIP56 Pictures           | MPC566MZIP56 Image     |
| MPC566MZIP56 PDF Datasheet | MPC566MZIP56 Download Datasheet | MPC566MZIP56 Datasheet |
| MPC566MZIP56 Stock         | Buy MPC566MZIP56                | Buy MPC566MZIP56       |
| MPC566MZIP56               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                          |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MPC566MVR56</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 388BGA<br/>In stock: 962 pcs</p> <p>RFQ</p>         |  | <p><b>MPC5744P-257DS</b></p> <p>Manufacturers: NXP<br/>Description: DAUGHTER CARD MPC5744P W SOCKET<br/>In stock: 103 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC567XKIT516-PT</b></p> <p>Manufacturers: NXP<br/>Description: EVALUATION KIT FOR QORIVVA MPC56<br/>In stock: 125 pcs</p> <p>RFQ</p> |  | <p><b>MPC566CZIP40</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 388BGA<br/>In stock: 3994 pcs</p> <p>RFQ</p>    |
|  | <p><b>MPC566CZIP56</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 388BGA<br/>In stock: 954 pcs</p> <p>RFQ</p>        |  | <p><b>MPC566CVR56</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 388BGA<br/>In stock: 891 pcs</p> <p>RFQ</p>      |
|  | <p><b>MPC566EVB</b></p> <p>Manufacturers: NXP<br/>Description: KIT EVALUATION FOR MPC565/566<br/>In stock: 3807 pcs</p> <p>RFQ</p>          |  | <p><b>MPC5746R-252DS</b></p> <p>Manufacturers: NXP<br/>Description: DAUGHTER CARD MPC5746R W SOCKET<br/>In stock: 197 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC566CVR40</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 388BGA<br/>In stock: 3537 pcs</p> <p>RFQ</p>        |  | <p><b>MPC5744P-144DS</b></p> <p>Manufacturers: NXP<br/>Description: DAUGHTER BOARD FOR MPC5744P<br/>In stock: 263 pcs</p> <p>RFQ</p>     |
|  | <p><b>MPC5746R-176DS</b></p> <p>Manufacturers: NXP<br/>Description: DAUGHTER CARD MPC5746R W SOCKET<br/>In stock: 286 pcs</p> <p>RFQ</p>    |  | <p><b>MPC5746R-144DS</b></p> <p>Manufacturers: NXP<br/>Description: DAUGHTER BOARD FOR MPC5746R<br/>In stock: 293 pcs</p> <p>RFQ</p>     |