



MPC563MZIP66

|                     |                                            |
|---------------------|--------------------------------------------|
| Part Number:        | MPC563MZIP66                               |
| Manufacturer/Brand: | Navman Wireless (Telit Wireless Solutions) |
| Product description | IC MCU 32BIT 512KB FLASH 388BGA            |
| Datasheets:         | MPC563MZIP66.pdf                           |
| RoHs Status         | Contains lead / RoHS non-compliant         |
| Ship From           | Hong Kong                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MPC563MZIP66

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC563MZIP66                                                                           |
| MANUFACTURER                     | NXP USA Inc.                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 388BGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                     |
| DATA SHEET                       | MPC563MZIP66.pdf                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                  |
| VOLTAGE - BREAKDOWN              | 388-PBGA (27x27)                                                                       |
| SERIES                           | MPC5xx                                                                                 |
| ROHS STATUS                      | Tray                                                                                   |
| REVERSE RECOVERY TIME (TRR)      | 66MHz                                                                                  |
| REQUIRES                         | POR, PWM, WDT                                                                          |
| PROGRAM MEMORY TYPE              | 512KB (512K x 8)                                                                       |
| PROGRAM MEMORY SIZE              | CAN, EBI/EMI, SCI, SPI, UART/USART                                                     |
| POLARIZATION                     | 388-BBGA                                                                               |
| OSCILLATOR TYPE                  | A/D 32x10b                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                     |
| OPERATING SYSTEM                 | PowerPC                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                          |
| MANUFACTURER PART NUMBER         | MPC563MZIP66                                                                           |
| EXPANDED DESCRIPTION             | PowerPC MPC5xx Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 388-PBGA (27x27) |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 388BGA                                                        |
| DATA SRAM BYTES                  | -                                                                                      |
| DATA CONVERTERS                  | 2.5 V ~ 2.7 V                                                                          |
| CORE SIZE                        | 32K x 8                                                                                |
| CONTROLLER SERIES                | External                                                                               |
| CONNECTIVITY                     | 32-Bit                                                                                 |
| CLOCK RATE                       | 56                                                                                     |

Related Tags

|                                                         |                                                         |                                                             |
|---------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------|
| Navman Wireless (Telit Wireless Solutions) MPC563MZIP66 | MPC563MZIP66 Distributor                                | MPC563MZIP66 Supplier                                       |
| MPC563MZIP66 Price                                      | MPC563MZIP66 Pictures                                   | MPC563MZIP66 Image                                          |
| MPC563MZIP66 PDF Datasheet                              | MPC563MZIP66 Download Datasheet                         | MPC563MZIP66 Datasheet                                      |
| MPC563MZIP66 Stock                                      | Buy MPC563MZIP66                                        | Buy Navman Wireless (Telit Wireless Solutions) MPC563MZIP66 |
| Navman Wireless (Telit Wireless Solutions) MPC563MZIP66 | Navman Wireless (Telit Wireless Solutions) Supplier     | Navman Wireless (Telit Wireless Solutions) Distributor      |
| Navman Wireless (Telit Wireless Solutions) MPC563MZIP66 | Navman Wireless (Telit Wireless Solutions) MPC563MZIP66 | Telit Wireless Solutions MPC563MZIP66                       |
| Telit Wireless Solutions, Inc. MPC563MZIP66             | Telit MPC563MZIP66                                      |                                                             |

Related Products

|                                                                                                                                                                                          |                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPC564CVR40</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MPC563MVR66R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MPC563MZIP56</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC563MVR56</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MPC564CZIP66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC563MZIP66R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC564CZIP40</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC563MVR56R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MPC563MVR66</b><br/>Manufacturers: NXP USA Inc.<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                    | <div></div> <div><b>MPC563MZIP56R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 388BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <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<br/><div>RFQ</div></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<br/><div>RFQ</div></div>    |