

PIC32MZ1025DAA169-I/HF





Part Number: [PIC32MZ1025DAA169-I/HF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH

Data sheet:  [PICMZ Graphics \(DA\) Family Errata](#)  
 [PIC32MZ Graphics \(DA\) Family](#)

RoHs Status: Lead free / RoHS Compliant

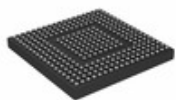
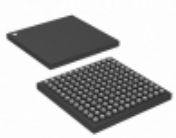
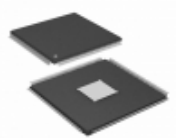
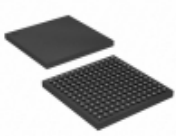
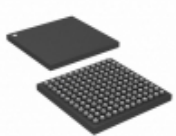
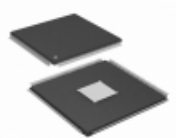
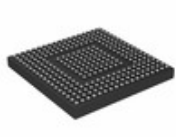
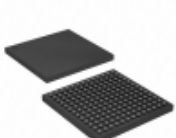
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        |                                 |                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MZ1025DAA169-I/HF                                                                                 | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 1MB FLASH                                                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10266 pcs                                                                                              | Data sheet                      | <a href="#">PICMZ Graphics (DA) Family Errata</a><br><a href="#">PIC32MZ Graphics (DA) Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                              | Voltage - Supply (Vcc/Vdd)      | 1.7 V ~ 3.6 V                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 169-LFBGA (11x11)                                                                                      | Speed                           | 200MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MZ DA                                                                                           | RAM Size                        | 256K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                                                  | Program Memory Size             | 1MB (1M x 8)                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, HLVD, I <sup>2</sup> S, POR, PWM, WDT                                     | Packaging                       | Tray                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 169-LFBGA                                                                                              | Oscillator Type                 | Internal                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                                      | Number of I/O                   | 120                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)                                                                                          | Manufacturer Standard Lead Time | 5 Weeks                                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                                             | EEPROM Size                     | -                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIPS32® microAptiv™ PIC® 32MZ DA Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 169-LFBGA (11x11) | Data Converters                 | A/D 45x12b                                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-Bit                                                                                                 | Core Processor                  | MIPS32® microAptiv™                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, SQI, UART/USART, USB OTG          |                                 |                                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MZ1025DAA288T-I/4J</a><br>Description: IC MCU 32BIT 1MB FLASH 288LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-I/JWX</a><br>Description: FLASH, 512KB RAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1025DAA176T-I/2J</a><br>Description: IC MCU 32BIT 1MB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1025DAB169T-I/HF</a><br>Description: IC MCU 32BIT 1MB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144T-I/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144T-I/JWX</a><br>Description: 1024KB FLASH, 512KB RAM, CRYPTO, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1025DAA176-I/2J</a><br>Description: IC MCU 32BIT 1MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1025DAA288-I/4J</a><br>Description: IC MCU 32BIT 1MB FLASH 288LFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-I/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1025DAB169-I/HF</a><br>Description: IC MCU 32BIT 1MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-E/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144T-I/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MZ1024EFM144-E/JWX</a><br>Description: FLASH, 512KB RAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC32MZ1025DAA169-I/HF

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