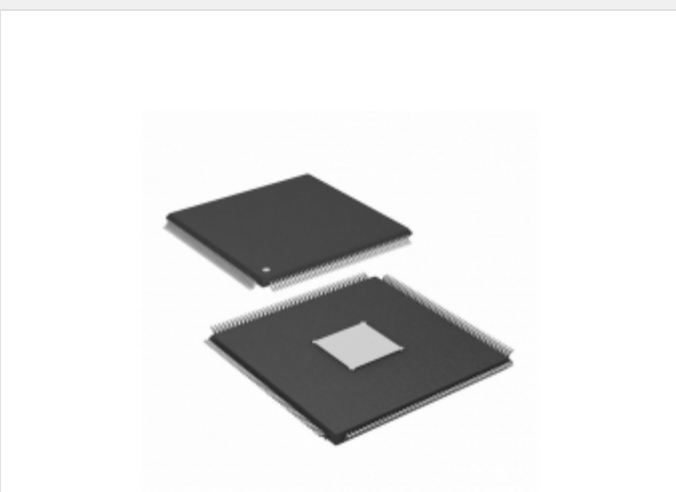


PIC32MZ2064DAA176T-I/2J





Part Number:

PIC32MZ2064DAA176T-I/2J

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 2MB FLASH

Data sheet:

 [PICMZ Graphics \(DA\) Family Errata](#)

 [PIC32MZ Graphics \(DA\) Family](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

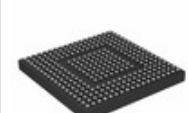
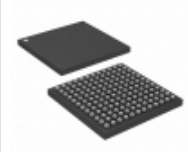
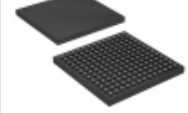
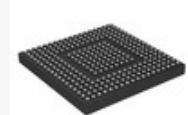
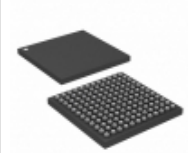
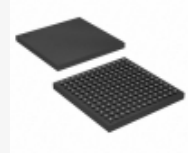
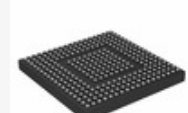
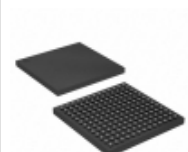
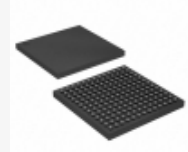
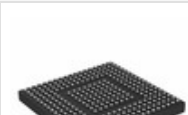
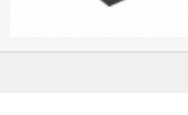
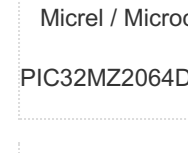
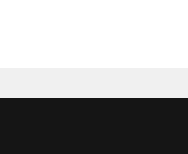
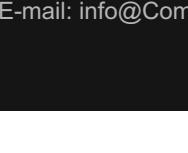
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                                  |                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MZ2064DAA176T-I/2J                               | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 2MB FLASH                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6667 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 176-LQFP (20x20)                                      | Speed                            | 200MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MZ DA                                          | RAM Size                         | 640K x 8                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                 | Program Memory Size              | 2MB (2M x 8)                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, HLVD, I²S, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 176-LQFP Exposed Pad                                  | Other Names                      | PIC32MZ2064DAA176T-I/2JTR                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 120                                                   | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7 Weeks                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                     | Detailed Description             | MIPS32® microAptiv™ PIC® 32MZ DA Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 176-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 45x12b                                            | Core Size                        | 32-Bit                                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MIPS32® microAptiv™                                   | Connectivity                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, PMP, SPI, SQI, UART/USART, USB OTG                      |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MZ2064DAB288T-I/4J</a><br>Description: IC MCU 32BIT 2MB FLASH 288LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA176-I/2J</a><br>Description: IC MCU 32BIT 2MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144-I/JWX</a><br>Description: FLASH, 512KB RAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144-I/PL</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAB169T-I/HF</a><br>Description: IC MCU 32BIT 2MB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA288-I/4J</a><br>Description: IC MCU 32BIT 2MB FLASH 288LFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144T-I/JWX</a><br>Description: 2048KB FLASH, 512KB RAM, CRYPTO, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAB169-I/HF</a><br>Description: IC MCU 32BIT 2MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144-I/PH</a><br>Description: IC MCU 32BIT 2MB FLASH 144TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAB288-I/4J</a><br>Description: IC MCU 32BIT 2MB FLASH 288LFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA169T-I/HF</a><br>Description: IC MCU 32BIT 2MB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAG169T-I/6J</a><br>Description: IC MCU 32BIT 2MB FLASH 169LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144T-I/PH</a><br>Description: IC MCU 32BIT 2MB FLASH 144TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAB288-I/4J</a><br>Description: IC MCU 32BIT 2MB FLASH 288LFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA169T-I/HF</a><br>Description: IC MCU 32BIT 2MB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAG169T-I/6J</a><br>Description: IC MCU 32BIT 2MB FLASH 169LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144T-I/PH</a><br>Description: IC MCU 32BIT 2MB FLASH 144TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAG176-I/2J</a><br>Description: IC MCU 32BIT 2MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA288T-I/4J</a><br>Description: IC MCU 32BIT 2MB FLASH 288LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144T-I/PL</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAA169-I/HF</a><br>Description: IC MCU 32BIT 2MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2048EFM144T-E/JWX</a><br>Description: 2048KB FLASH, 512KB RAM, CRYPTO, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAB176-I/2J</a><br>Description: IC MCU 32BIT 2MB FLASH             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ2064DAG169-I/6J</a><br>Description: IC MCU 32BIT 2MB FLASH 169LFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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