

PIC32MX220F032B-50I/SS





Part Number: [PIC32MX220F032B-50I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB FLASH 28SSOP

Data sheet:  [PIC32MX1xx/2xx](#)  
 [PIC32MXxx0F016x,032 Errata](#)  
 [PIC32 Microcontroller Brochure](#)

RoHs Status: Lead free / RoHS Compliant

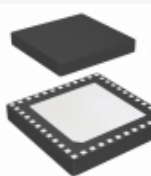
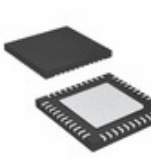
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |                                 |                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MX220F032B-50I/SS                                                              | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 32KB FLASH 28SSOP                                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43969 pcs                                                                           | Data sheet                      | <a href="#">PIC32MX1xx/2xx</a><br><a href="#">PIC32MXxx0F016x,032 Errata</a><br><a href="#">PIC32 Microcontroller Brochure</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                           | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28-SSOP                                                                             | Speed                           | 50MHz                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MX                                                                           | RAM Size                        | 8K x 8                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                               | Program Memory Size             | 32KB (32K x 8)                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                     | Packaging                       | Tube                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28-SSOP (0.209", 5.30mm Width)                                                      | Oscillator Type                 | Internal                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                   | Number of I/O                   | 19                                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)                                                                       | Manufacturer Standard Lead Time | 6 Weeks                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                          | EEPROM Size                     | -                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 28-SSOP | Data Converters                 | A/D 9x10b                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-Bit                                                                              | Core Processor                  | MIPS32® M4K™                                                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                    | Base Part Number                | PIC32MX220F032                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
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| Related keywords for <b>PIC32MX220F032B-50I/SS</b>   |                                                      |                                             |                                                                  |
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