

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### PIC32MX210F016B-I/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX210F016B-I/SP                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 16KB FLASH 28SDIP                                                                               |
|                     |  1.PIC32MX210F016B-I/SP.pdf |
|                     |  2.PIC32MX210F016B-I/SP.pdf |
|                     |  3.PIC32MX210F016B-I/SP.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

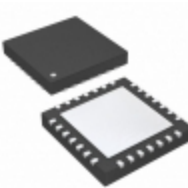
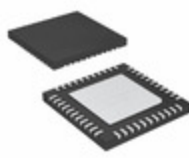
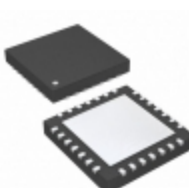
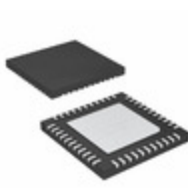
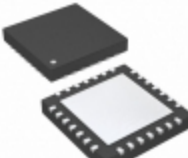
#### Specifications of PIC32MX210F016B-I/SP

|                                  |                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX210F016B-I/SP                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.PIC32MX210F016B-I/SP.pdf<br> 2.PIC32MX210F016B-I/SP.pdf<br> 3.PIC32MX210F016B-I/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | PIC® 32MX                                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | PIC32MX210F016BISP                                                                                                                                                                                                                                                                                                                                 |
| 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 40MHz 16KB (16K x 8) FLASH 28-SPDIP                                                                                                                                                                                                                                                               |
| 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                 | PIC32MX210F016                                                                                                                                                                                                                                                                                                                                     |

#### Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX210F016B-I/SP | PIC32MX210F016B-I/SP Distributor          | PIC32MX210F016B-I/SP Supplier                               |
| PIC32MX210F016B-I/SP Price                         | PIC32MX210F016B-I/SP Pictures             | PIC32MX210F016B-I/SP Image                                  |
| PIC32MX210F016B-I/SP PDF Datasheet                 | PIC32MX210F016B-I/SP Download Datasheet   | PIC32MX210F016B-I/SP Datasheet                              |
| PIC32MX210F016B-I/SP Stock                         | Buy PIC32MX210F016B-I/SP                  | Buy Micrel / Microchip Technology PIC32MX210F016B-I/SP      |
| Micrel / Microchip Technology PIC32MX210F016B-I/SP | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX210F016B-I/SP | Microchip Technology PIC32MX210F016B-I/SP | Roving Networks / Microchip Technology PIC32MX210F016B-I/SP |

#### Related Products

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|  <div><b>PIC32MX210F016B-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: 43 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC32MX210F016B-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX174F256DT-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>PIC32MX210F016B-V/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX174F256DT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>PIC32MX210F016B-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX210F016B-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC32MX174F256DT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>PIC32MX210F016B-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX174F256DT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
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