

DSPIC33FJ32MC101T-I/ISO





Part Number: [DSPIC33FJ32MC101T-I/ISO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 20SOIC

Data sheet:  [dsPIC33FJ32\(GP,MC\)10x Errata](#)  
 [dSPIC33FJxx\(GP,MC\)10x](#)

RoHs Status: Lead free / RoHS Compliant

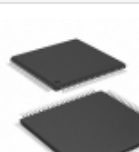
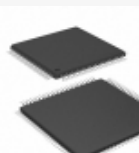
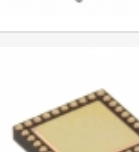
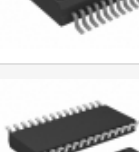
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |                                |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DSPIC33FJ32MC101T-I/ISO                                  | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 32KB FLASH 20SOIC                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4432 pcs                                                 | Data sheet                     | <a href="#">dsPIC33FJ32(GP,MC)10x Errata</a><br><a href="#">dSPIC33FJxx(GP,MC)10x</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20-SOIC                                                  | Speed                          | 16 MIPs                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dsPIC™ 33F                                               | RAM Size                       | 1K x 16                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                    | Program Memory Size            | 32KB (11K x 24)                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, Motor Control PWM, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20-SOIC (0.295", 7.50mm Width)                           | Oscillator Type                | Internal                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                        | Number of I/O                  | 15                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)                                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                        | Detailed Description           | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 16 MIPs 32KB (11K x 24) FLASH 20-SOIC      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 6x10b                                                | Core Size                      | 16-Bit                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dsPIC                                                    | Connectivity                   | I²C, IrDA, LINbus, SPI, UART/USART                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DSPIC33FJ32MC101                                         |                                |                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                                 |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DSPIC33FJ32MC101-E/SS</a><br>Description: IC MCU 16BIT 32KB FLASH 20SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC102-I/ISO</a><br>Description: IC MCU 16BIT 32KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC101T-I/SS</a><br>Description: IC MCU 16BIT 32KB FLASH 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC102-I/SP</a><br>Description: IC MCU 16BIT 32KB FLASH 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32GS610T-50I/PT</a><br>Description: IC MCU 16BIT 32KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC101-E/ISO</a><br>Description: IC MCU 16BIT 32KB FLASH 20SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32GS610T-I/PF</a><br>Description: IC MCU 16BIT 32KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32GS610T-I/PT</a><br>Description: IC MCU 16BIT 32KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC101T-E/ISO</a><br>Description: IC MCU 16BIT 32KB FLASH 20SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC102-I/TL</a><br>Description: IC MCU 16BIT 32KB FLASH 36VTLA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC102-I/ML</a><br>Description: IC MCU 16BIT 32KB FLASH 28QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ32MC102-E/SP</a><br>Description: IC MCU 16BIT 32KB FLASH 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ32MC102-E/TL</a><br>Description: IC MCU 16BIT 32KB FLASH 36VTLA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for DSPIC33FJ32MC101T-I/ISO

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