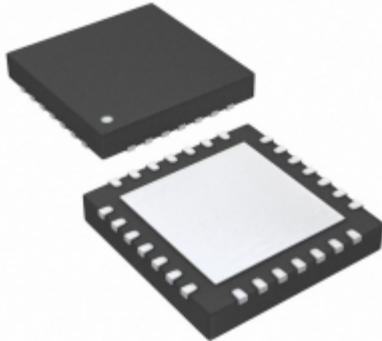


DSPIC33FJ12GP202-I/ML



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: DSPIC33FJ12GP202-I/ML

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 12KB FLASH 28QFN

Data sheet:  [dsPIC33FJ12GP20\(1,2\) Errata & Data Sheet](#)  
 [16-bit Embedded Control Solutions](#)  
 [DSPIC33FJ12GP201, 202 Datasheet](#)  
 [DSPIC33F Product Overview](#)

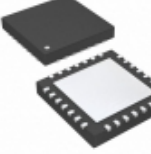
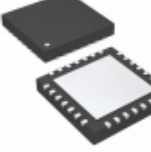
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33FJ12GP202-I/ML                     | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 12KB FLASH 28QFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 34531 pcs                                 | Data sheet                       | <a href="#">dsPIC33FJ12GP20(1,2) Errata &amp; Data Sheet</a><br><a href="#">Clarifica 16-bit Embedded Control Solutions</a><br><a href="#">DSPIC33FJ12GP201, 202 Datasheet</a><br><a href="#">DSPIC33F Product Overview</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28-QFN (6x6)                              | Speed                            | 40 MIPs                                                                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dsPIC™ 33F                                | RAM Size                         | 1K x 8                                                                                                                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                     | Program Memory Size              | 12KB (12K x 8)                                                                                                                                                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tube                                                                                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-VQFN Exposed Pad                       | Other Names                      | DSPIC33FJ12GP202IML                                                                                                                                                                                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21                                        | 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             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 12KB (12K x 8) FLASH 28-QFN (6x6)                                                                                                                                        |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 10x12b                                | Core Size                        | 16-Bit                                                                                                                                                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dsPIC                                     | Connectivity                     | PC, IrDA, SPI, UART/USART                                                                                                                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DSPIC33FJ12GP202                          |                                  |                                                                                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">DSPIC33FJ12GP202T-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202T-I/ML</a><br>Description: IC MCU 16BIT 12KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-E/ML</a><br>Description: IC MCU 16BIT 12KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-I/SP</a><br>Description: IC MCU 16BIT 12KB FLASH 28SDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP201-E/P</a><br>Description: IC MCU 16BIT 12KB FLASH 18DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12MC201-I/P</a><br>Description: IC MCU 16BIT 12KB FLASH 20DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-E/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12MC201-E/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 20SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP201-E/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP201-I/P</a><br>Description: IC MCU 16BIT 12KB FLASH 18DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12MC201-E/P</a><br>Description: IC MCU 16BIT 12KB FLASH 20DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12MC201-E/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202T-I/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP201T-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP201-I/SO</a><br>Description: IC MCU 16BIT 12KB FLASH 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-I/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ128MC804T-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ12GP202-E/SP</a><br>Description: IC MCU 16BIT 12KB FLASH 28SDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for DSPIC33FJ12GP202-I/ML

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