

DSPIC33FJ12GP202-I/SS





Part Number: [DSPIC33FJ12GP202-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 12KB FLASH 28SSOP

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

RoHs Status: Lead free / RoHS Compliant

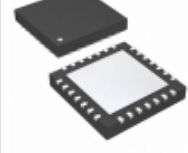
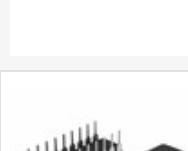
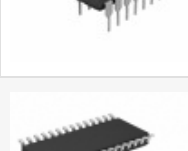
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                 |                                 |                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33FJ12GP202-I/SS                                                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 12KB FLASH 28SSOP                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 38170 pcs                                                                       | Data sheet                      | <a href="#">dsPIC33FJ12GP20(1,2) Errata &amp; Data Sheet</a><br><a href="#">Olabit 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-SSOP                                                                         | 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-SSOP (0.209", 5.30mm Width)                                                  | 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 | 9 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-SSOP | Data Converters                 | A/D 10x12b                                                                                                                                                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                          | Core Processor                  | dsPIC                                                                                                                                                                                                             |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC, IrDA, SPI, UART/USART                                                       | Base Part Number                | DSPIC33FJ12GP202                                                                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
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|  | 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="#">DSPIC33FJ12MC201-E/SS</a><br>Description: IC MCU 16BIT 12KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | 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> |
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|  | 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> |
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Related keywords for DSPIC33FJ12GP202-I/SS

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