

DSPIC33FJ64GP802-E/SP



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**Part Number:** [DSPIC33FJ64GP802-E/SP](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 16BIT 64KB FLASH 28SDIP

**Data sheet:**  [DSPIC33FJzzzGPx02/x04 Datasheet](#)  
 [16-bit Embedded Control Solutions](#)  
 [dsPIC33FJ\(32,64,128\)GP\(x02,x04\) Errata & Datasheet](#)

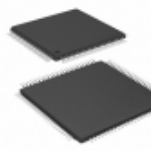
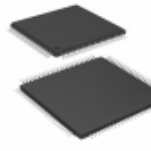
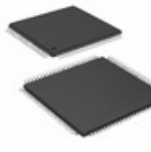
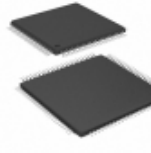
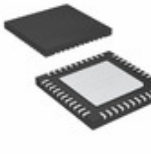
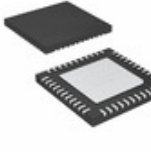
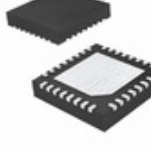
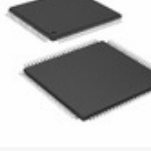
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                 |                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33FJ64GP802-E/SP                                                            | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB FLASH 28SDIP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22711 pcs                                                                        | Data sheet                      | <a href="#">DSPIC33FJzzzGPx02/x04 Datasheet</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">dsPIC33FJ(32,64,128)GP(x02,x04) Errata &amp; Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)      | <a href="#">3 V ~ 3.6 V</a>                                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28-SPDIP                                                                         | Speed                           | 40 MIPs                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dsPIC™ 33F                                                                       | RAM Size                        | 16K x 8                                                                                                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                            | Program Memory Size             | 64KB (64K x 8)                                                                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DCI, DMA, I <sup>2</sup> S, POR, PWM, WDT                | Packaging                       | Tube                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-DIP (0.300", 7.62mm)                                                          | Oscillator Type                 | Internal                                                                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 125°C (TA)                                                               | Number of I/O                   | 21                                                                                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                    | Manufacturer Standard Lead Time | 4 Weeks                                                                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                       | EEPROM Size                     | -                                                                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 64KB (64K x 8) FLASH 28-SPDIP | Data Converters                 | A/D 10x10b/12b, D/A 2x16b                                                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                           | Core Processor                  | dsPIC                                                                                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                          | Base Part Number                | DSPIC33FJ64GP802                                                                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
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|  | Part#: <a href="#">DSPIC33FJ64GP802-H/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP710T-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ64GP804-E/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP710A-I/PF</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP804-I/ML</a><br>Description: IC MCU 16BIT 64KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP804-E/ML</a><br>Description: IC MCU 16BIT 64KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP710A-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ64GP802T-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ64GP802T-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for DSPIC33FJ64GP802-E/SP

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