

DSPIC33FJ64GP804-E/PT





Part Number: [DSPIC33FJ64GP804-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 44TQFP

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

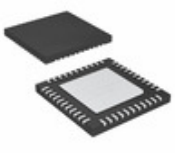
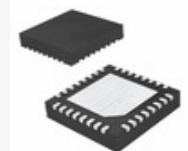
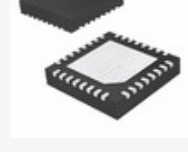
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                      |                                  |                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33FJ64GP804-E/PT                                | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB FLASH 44TQFP                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22945 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)       | 3 V ~ 3.6 V                                                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44-TQFP (10x10)                                      | 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, I²S, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-TQFP                                              | Other Names                      | DSPIC33FJ64GP804EPT                                                                                                                                                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                             | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                                                                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 35                                                   | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15 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 44-TQFP (10x10)                                                                                        |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 13x10b/12b, D/A 2x16b                            | Core Size                        | 16-Bit                                                                                                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dsPIC                                                | Connectivity                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DSPIC33FJ64GP804                                     |                                  |                                                                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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="#">DSPIC33FJ64GS406-E/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-I/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GS406-E/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | 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> |
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|  | Part#: <a href="#">DSPIC33FJ64GS406-I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-H/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GS406-50I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-E/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for <b>DSPIC33FJ64GP804-E/PT</b>   |                                                     |                                            |                                                                 |
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