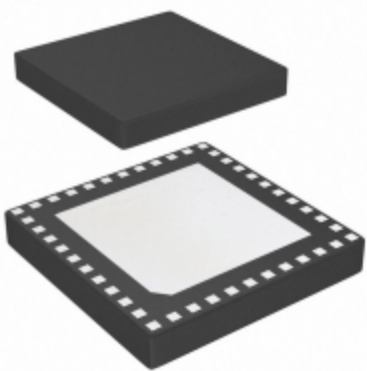


DSPIC33FJ16GS404-I/TL





Part Number: DSPIC33FJ16GS404-I/TL

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 16KB FLASH 44VTLA

Data sheet: 

 dsPIC33FJ(0,1)6GSx01,x02, x04 Family Errata & Data

 dsPIC33FJx6GS101,x02,x04 Errata & Datasheet

 **dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04**

RoHs Status: Lead free / RoHS Compliant

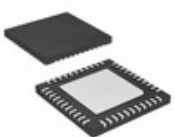
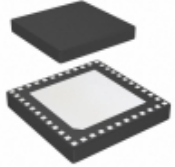
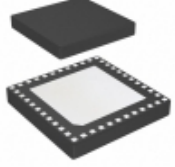
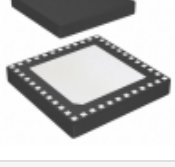
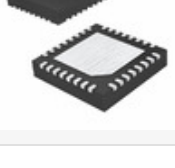
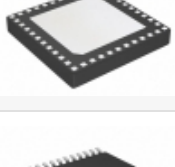
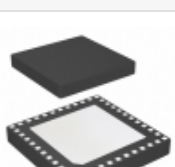
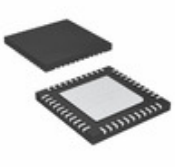
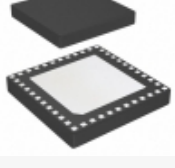
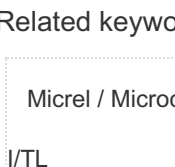
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                  |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33FJ16GS404-I/TL                                                                 | Manufacturer                     | Micrel / Microchip Technology                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 16KB FLASH 44VTLA                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30240 pcs                                                                             | Data sheet                       | <a href="#">dsPIC33FJ(0,1)6GSx01,x02, x04 Family Errata &amp; Data</a><br><a href="#">dsPIC33FJx6GS101,x02,x04 Errata &amp; Datasheet</a><br><a href="#">dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44-VTLA (6x6)                                                                         | Speed                            | 40 MIPs                                                                                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dsPIC™ 33F                                                                            | RAM Size                         | 2K x 8                                                                                                                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                 | Program Memory Size              | 16KB (16K x 8)                                                                                                                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, POR, PWM, WDT                                                 | Packaging                        | Tube                                                                                                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-VFTLA Exposed Pad                                                                  | Other Names                      | DSPIC33FJ16GS404ITL                                                                                                                                                                                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 35                                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                            | EEPROM Size                      | -                                                                                                                                                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 16KB (16K x 8) FLASH 44-VTLA (6x6) | Data Converters                  | A/D 8x10b                                                                                                                                                                                               |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                                | Core Processor                   | dsPIC                                                                                                                                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, IrDA, LINbus, SPI, UART/USART                                                    | Base Part Number                 | DSPIC33FJ16GS404                                                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DSPIC33FJ16GS404-E/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-E/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-50I/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-H/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-H/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS502-50I/MM</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-50I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-50I/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS502-50I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-H/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS502-50I/SP</a><br>Description: IC MCU 16BIT 16KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404-E/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-E/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-50I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-50I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ16GS404T-I/TL</a><br>Description: IC MCU 16BIT 16KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                            |                                                     |                                            |                                                              |
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