

DSPIC33FJ06GS202T-I/MM





Part Number: DSPIC33FJ06GS202T-I/MM

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 6KB FLASH 28QFN

Data sheet: 

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

 dsPIC33FJ06GSx0x(A), dsPIC33FJ09GS302

 dsPIC33FJx6GS101,x02,x04 Errata & Datasheet

 dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04

RoHs Status: Lead free / RoHS Compliant

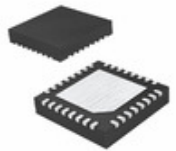
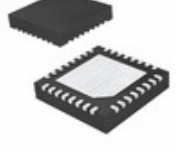
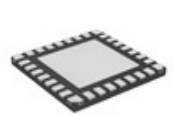
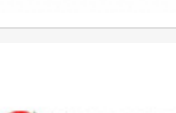
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                                 |                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | DSPIC33FJ06GS202T-I/MM                                                               | Manufacturer                    | Micrel / Microchip Technology                                                                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 6KB FLASH 28QFN                                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 32234 pcs                                                                            | Data sheet                      | <a href="#">dsPIC33FJ(0,1)6GSx01,x02, x04 Family Errata &amp; Data</a><br><a href="#">dsPIC33FJ06GSx0x(A), dsPIC33FJ09GS302</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                                                                                                                                                                                                                                                                                                                                                                                                                         | 28-QFN-S (6x6)                                                                       | Speed                           | 40 MIPs                                                                                                                                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | dsPIC™ 33F                                                                           | RAM Size                        | 1K x 8                                                                                                                                                                                                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                                | Program Memory Size             | 6KB (6K x 8)                                                                                                                                                                                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brown-out Detect/Reset, POR, PWM, WDT                                                | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28-VQFN Exposed Pad                                                                  | 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 | 12 Weeks                                                                                                                                                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                                                           | EEPROM Size                     | -                                                                                                                                                                                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                            | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 6KB (6K x 8) FLASH 28-QFN-S (6x6) | Data Converters                 | A/D 6x10b, D/A 2x10b                                                                                                                                                                                                                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-Bit                                                                               | Core Processor                  | dsPIC                                                                                                                                                                                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                    | PC, IrDA, LINbus, SPI, UART/USART                                                    | Base Part Number                | DSPIC33FJ06GS202                                                                                                                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-I/SS</a><br>Description: IC MCU 16BIT 6KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/TL</a><br>Description: IC MCU 16BIT 9KB FLASH 36VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-E/TL</a><br>Description: IC MCU 16BIT 6KB FLASH 36VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-I/MM</a><br>Description: IC MCU 16BIT 9KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202T-I/SO</a><br>Description: IC MCU 16BIT 6KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/MM</a><br>Description: IC MCU 16BIT 9KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-E/SO</a><br>Description: IC MCU 16BIT 6KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-E/MM</a><br>Description: IC MCU 16BIT 6KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/SS</a><br>Description: IC MCU 16BIT 9KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/MX</a><br>Description: IC MCU 16BIT 9KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/SO</a><br>Description: IC MCU 16BIT 9KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202A-I/TL</a><br>Description: IC MCU 16BIT 6KB FLASH 36VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ09GS302-E/SP</a><br>Description: IC MCU 16BIT 9KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-I/SO</a><br>Description: IC MCU 16BIT 6KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202A-I/SP</a><br>Description: IC MCU 16BIT 6KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ06GS202A-I/SS</a><br>Description: IC MCU 16BIT 6KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ09GS302-I/SO</a><br>Description: IC MCU 16BIT 9KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ06GS202AT-I/TL</a><br>Description: IC MCU 16BIT 6KB FLASH 36VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for DSPIC33FJ06GS202T-I/MM

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