



DSPIC33FJ09GS302-E/MM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ09GS302-E/MM                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 9KB FLASH 28QFN                                                                                 |
|                     | <a href="#">1.DSPIC33FJ09GS302-E/MM.pdf</a>                                                                  |
|                     | <a href="#">2.DSPIC33FJ09GS302-E/MM.pdf</a>                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

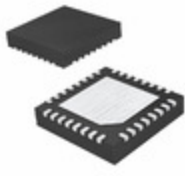
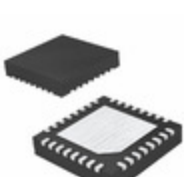
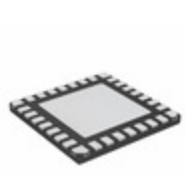
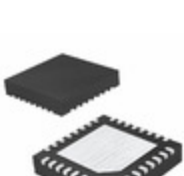
Specifications of DSPIC33FJ09GS302-E/MM

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ09GS302-E/MM                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                              |
| DESCRIPTION                      | IC MCU 16BIT 9KB FLASH 28QFN                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| DATA SHEET                       | <a href="#">1.DSPIC33FJ09GS302-E/MM.pdf</a><br><a href="#">2.DSPIC33FJ09GS302-E/MM.pdf</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              | 9KB (3K x 24)                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                      |
| PACKAGING                        | Tube                                                                                       |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                        |
| 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  | 23 Weeks                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| EEPROM SIZE                      | -                                                                                          |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 9KB (3K x 24) FLASH 28-QFN-S (6x6)      |
| DATA CONVERTERS                  | A/D 8x10b, D/A 2x10b                                                                       |
| CORE SIZE                        | 16-Bit                                                                                     |
| CORE PROCESSOR                   | dsPIC                                                                                      |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                         |
| BASE PART NUMBER                 | DSPIC33FJ09GS302                                                                           |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ09GS302-E/MM | DSPIC33FJ09GS302-E/MM Distributor          | DSPIC33FJ09GS302-E/MM Supplier                               |
| DSPIC33FJ09GS302-E/MM Price                         | DSPIC33FJ09GS302-E/MM Pictures             | DSPIC33FJ09GS302-E/MM Image                                  |
| DSPIC33FJ09GS302-E/MM PDF Datasheet                 | DSPIC33FJ09GS302-E/MM Download Datasheet   | DSPIC33FJ09GS302-E/MM Datasheet                              |
| DSPIC33FJ09GS302-E/MM Stock                         | Buy DSPIC33FJ09GS302-E/MM                  | Buy Micrel / Microchip Technology DSPIC33FJ09GS302-E/MM      |
| Micrel / Microchip Technology DSPIC33FJ09GS302-E/MM | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ09GS302-E/MM | Microchip Technology DSPIC33FJ09GS302-E/MM | Roving Networks / Microchip Technology DSPIC33FJ09GS302-E/MM |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
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|  <div><b>DSPIC33FJ06GS202AT-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>DSPIC33FJ06GS202AT-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33FJ09GS302-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>DSPIC33FJ09GS302-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ06GS202AT-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33FJ09GS302-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ06GS202AT-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33FJ06GS202T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ09GS302-E/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>DSPIC33FJ09GS302-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ06GS202T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>DSPIC33FJ09GS302-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 9KB FLASH 28QFN<br/>In stock: 14 pcs<br/>RFQ</div>       |