



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ16GS502T-50I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ16GS502T-50I/SO                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 28SOIC                                                                               |
| Datasheets:         | <a href="#">1.DSPIC33FJ16GS502T-50I/SO.pdf</a>                                                               |
|                     | <a href="#">2.DSPIC33FJ16GS502T-50I/SO.pdf</a>                                                               |
|                     | <a href="#">3.DSPIC33FJ16GS502T-50I/SO.pdf</a>                                                               |
|                     | <a href="#">4.DSPIC33FJ16GS502T-50I/SO.pdf</a>                                                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

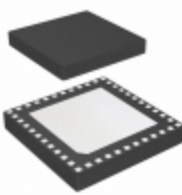
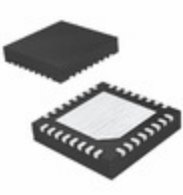
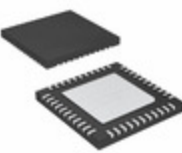
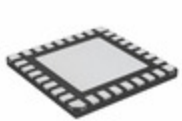
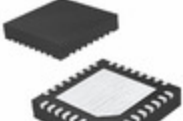
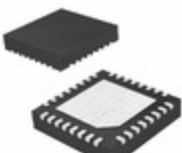
Specifications of DSPIC33FJ16GS502T-50I/SO

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ16GS502T-50I/SO                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28SOIC                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.DSPIC33FJ16GS502T-50I/SO.pdf</a><br><a href="#">2.DSPIC33FJ16GS502T-50I/SO.pdf</a><br><a href="#">3.DSPIC33FJ16GS502T-50I/SO.pdf</a><br><a href="#">4.DSPIC33FJ16GS502T-50I/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                              |
| SPEED                            | 50 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                        | Tape & Reel (TR)                                                                                                                                                                                     |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                       |
| 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  | 11 Weeks                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 50 MIPS 16KB (16K x 8) FLASH 28-SOIC                                                                                                                      |
| DATA CONVERTERS                  | A/D 16x10b, D/A 4x10b                                                                                                                                                                                |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                   |
| BASE PART NUMBER                 | DSPIC33FJ16GS502                                                                                                                                                                                     |

Related Tags

|                                                        |                                               |                                                                 |
|--------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ16GS502T-50I/SO | DSPIC33FJ16GS502T-50I/SO Distributor          | DSPIC33FJ16GS502T-50I/SO Supplier                               |
| DSPIC33FJ16GS502T-50I/SO Price                         | DSPIC33FJ16GS502T-50I/SO Pictures             | DSPIC33FJ16GS502T-50I/SO Image                                  |
| DSPIC33FJ16GS502T-50I/SO PDF Datasheet                 | DSPIC33FJ16GS502T-50I/SO Download Datasheet   | DSPIC33FJ16GS502T-50I/SO Datasheet                              |
| DSPIC33FJ16GS502T-50I/SO Stock                         | Buy DSPIC33FJ16GS502T-50I/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ16GS502T-50I/SO      |
| Micrel / Microchip Technology DSPIC33FJ16GS502T-50I/SO | Micrel / Microchip Technology Supplier        | Micrel / Microchip Technology Distributor                       |
| Micrel / Microchip Technology DSPIC33FJ16GS502T-50I/SO | Microchip Technology DSPIC33FJ16GS502T-50I/SO | Roving Networks / Microchip Technology DSPIC33FJ16GS502T-50I/SO |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33FJ16GS504-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44VTLA<br/>In stock: 60 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>DSPIC33FJ16GS502-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 938 pcs<br/><a href="#">RFQ</a></div>      |
|  <div><b>DSPIC33FJ16GS504-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>DSPIC33FJ16GS502-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 895 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>DSPIC33FJ16GS504-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 160 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33FJ16GS502-H/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>DSPIC33FJ16GS502-H/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33FJ16GS502-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br/>In stock: 281 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>DSPIC33FJ16GS502T-E/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33FJ16GS502T-50I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>DSPIC33FJ16GS502T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33FJ16GS502T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |