

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ16GP101-I/SO

Part Number: DSPIC33FJ16GP101-I/SO

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 16BIT 16KB FLASH 18SOIC

Datasheets: 

PDF1.DSPIC33FJ16GP101-I/SO.pdf

PDF2.DSPIC33FJ16GP101-I/SO.pdf

PDF3.DSPIC33FJ16GP101-I/SO.pdf

PDF4.DSPIC33FJ16GP101-I/SO.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 49312 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

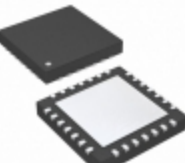
Specifications of DSPIC33FJ16GP101-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ16GP101-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 49312 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.DSPIC33FJ16GP101-I/SO.pdf</div> <div> 2.DSPIC33FJ16GP101-I/SO.pdf</div> <div> 3.DSPIC33FJ16GP101-I/SO.pdf</div> <div> 4.DSPIC33FJ16GP101-I/SO.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 18-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 16 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 1K 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                   | 18-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | DSPIC33FJ16GP101ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 16 MIPS 16KB (16K x 8) FLASH 18-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | DSPIC33FJ16GP101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ16GP101-I/SO | DSPIC33FJ16GP101-I/SO Distributor          | DSPIC33FJ16GP101-I/SO Supplier                               |
| DSPIC33FJ16GP101-I/SO Price                         | DSPIC33FJ16GP101-I/SO Pictures             | DSPIC33FJ16GP101-I/SO Image                                  |
| DSPIC33FJ16GP101-I/SO PDF Datasheet                 | DSPIC33FJ16GP101-I/SO Download Datasheet   | DSPIC33FJ16GP101-I/SO Datasheet                              |
| DSPIC33FJ16GP101-I/SO Stock                         | Buy DSPIC33FJ16GP101-I/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ16GP101-I/SO      |
| Micrel / Microchip Technology DSPIC33FJ16GP101-I/SO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ16GP101-I/SO | Microchip Technology DSPIC33FJ16GP101-I/SO | Roving Networks / Microchip Technology DSPIC33FJ16GP101-I/SO |

Related Products

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>DSPIC33FJ16GP101-I/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 18DIP</div> <div>In stock: 44851 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>DSPIC33FJ16GP102-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 28SDIP</div> <div>In stock: 5830 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33FJ12MC202T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SSOP</div> <div>In stock: 30332 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div>DSPIC33FJ16GP101-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 20SSOP</div> <div>In stock: 43711 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33FJ16GP101T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 18DIP</div> <div>In stock: 47329 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33FJ12MC202T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SOIC</div> <div>In stock: 37792 pcs</div> <div>RFQ</div>         |
| <div>MICROCHIP</div> <div>DSPIC33FJ16GP101-E/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 18DIP</div> <div>In stock: 3574 pcs</div> <div>RFQ</div>    | <div>MICROCHIP</div> <div>DSPIC33FJ16GP101-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 18SOIC</div> <div>In stock: 2762 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33FJ16GP101T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 18SOIC</div> <div>In stock: 5599 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33FJ16GP101-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 20SSOP</div> <div>In stock: 47624 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33FJ16GP102-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 28SOIC</div> <div>In stock: 6541 pcs</div> <div>RFQ</div>           | <div></div> <div>DSPIC33FJ16GP102-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 16KB FLASH 28QFN</div> <div>In stock: 36704 pcs</div> <div>RFQ</div>           |