

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## DSPIC33FJ64MC802-E/SO

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ64MC802-E/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 64KB FLASH 28SOIC                                                                                |
| Datasheets:         |  1.DSPIC33FJ64MC802-E/SO.pdf |
|                     |  2.DSPIC33FJ64MC802-E/SO.pdf |
|                     |  3.DSPIC33FJ64MC802-E/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 23146 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

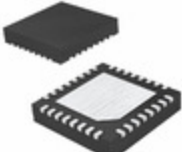
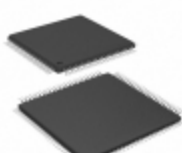
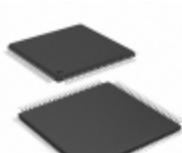
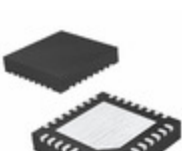
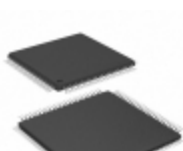
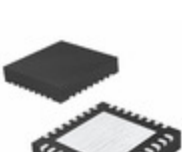
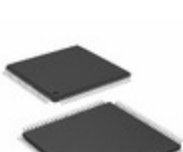
### Specifications of DSPIC33FJ64MC802-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ64MC802-E/SO                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 23146 pcs                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33FJ64MC802-E/SO.pdf<br> 2.DSPIC33FJ64MC802-E/SO.pdf<br> 3.DSPIC33FJ64MC802-E/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | DSPIC33FJ64MC802ESO                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                                                                                                    |
| 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 40 MIPS 64KB (64K x 8) FLASH 28-SOIC                                                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | DSPIC33FJ64MC802                                                                                                                                                                                                                                                                                                                                      |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ64MC802-E/SO | DSPIC33FJ64MC802-E/SO Distributor          | DSPIC33FJ64MC802-E/SO Supplier                               |
| DSPIC33FJ64MC802-E/SO Price                         | DSPIC33FJ64MC802-E/SO Pictures             | DSPIC33FJ64MC802-E/SO Image                                  |
| DSPIC33FJ64MC802-E/SO PDF Datasheet                 | DSPIC33FJ64MC802-E/SO Download Datasheet   | DSPIC33FJ64MC802-E/SO Datasheet                              |
| DSPIC33FJ64MC802-E/SO Stock                         | Buy DSPIC33FJ64MC802-E/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ64MC802-E/SO      |
| Micrel / Microchip Technology DSPIC33FJ64MC802-E/SO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ64MC802-E/SO | Microchip Technology DSPIC33FJ64MC802-E/SO | Roving Networks / Microchip Technology DSPIC33FJ64MC802-E/SO |

### Related Products

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|  <div><b>DSPIC33FJ64MC802-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 19005 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33FJ64MC802-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 17649 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33FJ64MC802-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 22601 pcs<br/><div>RFQ</div></div>     |  <div><b>DSPIC33FJ64MC802-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 20646 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33FJ64MC710A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 15464 pcs<br/><div>RFQ</div></div>  |  <div><b>DSPIC33FJ64MC710AT-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 6053 pcs<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33FJ64MC710AT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 18701 pcs<br/><div>RFQ</div></div> |  <div><b>DSPIC33FJ64MC802-H/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 15032 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33FJ64MC802-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 19717 pcs<br/><div>RFQ</div></div>     |  <div><b>DSPIC33FJ64MC710T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 5478 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33FJ64MC802-H/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 12841 pcs<br/><div>RFQ</div></div>     |  <div><b>DSPIC33FJ64MC710T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 4490 pcs<br/><div>RFQ</div></div>  |