

MICROCHIP

Micrel / Microchip Technology

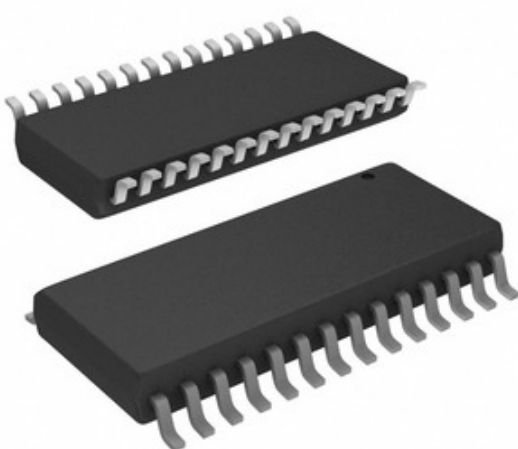


Image may be representation. See specifications for product details.

### DSPIC33FJ128GP202-E/SO

|                     |                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ128GP202-E/SO                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 28SOIC <div> 1.DSPIC33FJ128GP202-E/SO.pdf<div> 2.DSPIC33FJ128GP202-E/SO.pdf<div> 3.DSPIC33FJ128GP202-E/SO.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                             |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                |
| Stock Condition     | 18726 pcs stock                                                                                                                                                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

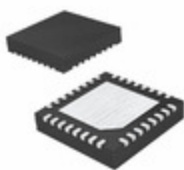
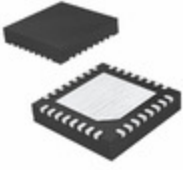
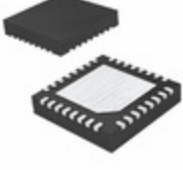
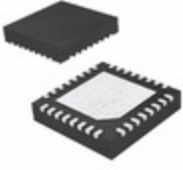
#### Specifications of DSPIC33FJ128GP202-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ128GP202-E/SO                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 18726 pcs                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div> 1.DSPIC33FJ128GP202-E/SO.pdf<div> 2.DSPIC33FJ128GP202-E/SO.pdf<div> 3.DSPIC33FJ128GP202-E/SO.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                    |
| OTHER NAMES                      | DSPIC33FJ128GP202ESO                                                                                                                                                                                                                                                                                                                                                              |
| 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 128KB (128K x 8) FLASH 28-SOIC                                                                                                                                                                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 10x10b/12b                                                                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | DSPIC33FJ128GP202                                                                                                                                                                                                                                                                                                                                                                 |

#### Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ128GP202-E/SO | DSPIC33FJ128GP202-E/SO Distributor          | DSPIC33FJ128GP202-E/SO Supplier                               |
| DSPIC33FJ128GP202-E/SO Price                         | DSPIC33FJ128GP202-E/SO Pictures             | DSPIC33FJ128GP202-E/SO Image                                  |
| DSPIC33FJ128GP202-E/SO PDF Datasheet                 | DSPIC33FJ128GP202-E/SO Download Datasheet   | DSPIC33FJ128GP202-E/SO Datasheet                              |
| DSPIC33FJ128GP202-E/SO Stock                         | Buy DSPIC33FJ128GP202-E/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ128GP202-E/SO      |
| Micrel / Microchip Technology DSPIC33FJ128GP202-E/SO | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33FJ128GP202-E/SO | Microchip Technology DSPIC33FJ128GP202-E/SO | Roving Networks / Microchip Technology DSPIC33FJ128GP202-E/SO |

#### Related Products

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| <div></div> <div>DSPIC33FJ128GP202-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 18867 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33FJ09GS302T-I/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 9KB FLASH 36VTLA</div> <div>In stock: 4791 pcs</div> <div>RFQ</div>    |
| <div></div> <div>DSPIC33FJ09GS302T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 9KB FLASH 28SSOP</div> <div>In stock: 3197 pcs</div> <div>RFQ</div>     | <div></div> <div>DSPIC33FJ128GP202T-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 22529 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33FJ128GP202T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SOIC</div> <div>In stock: 25746 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33FJ128GP202-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 23923 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33FJ128GP202-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SDIP</div> <div>In stock: 22539 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ128GP202-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SDIP</div> <div>In stock: 22296 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33FJ09GS302T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 9KB FLASH 28SOIC</div> <div>In stock: 6024 pcs</div> <div>RFQ</div>     | <div></div> <div>DSPIC33FJ09GS302T-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 9KB FLASH 28QFN</div> <div>In stock: 31590 pcs</div> <div>RFQ</div>    |
| <div></div> <div>DSPIC33FJ128GP202-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SOIC</div> <div>In stock: 17342 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ09GS302T-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 9KB FLASH 36VTLA</div> <div>In stock: 6108 pcs</div> <div>RFQ</div>    |