

 **Micrel / Microchip Technology**

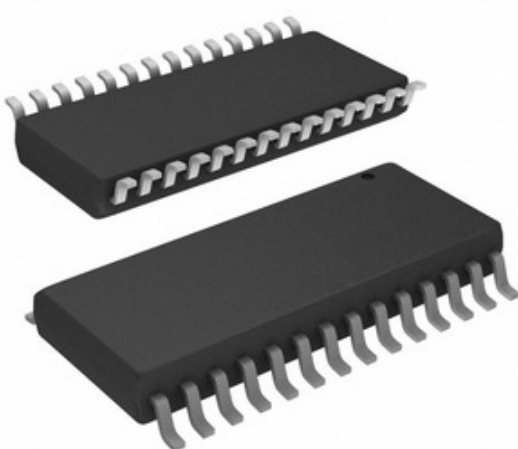


Image may be representation. See specifications for product details.

DSPIC33FJ32MC302T-I/SO

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ32MC302T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product description | IC MCU 16BIT 32KB FLASH 28SOIC <div> 1.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 2.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 3.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 4.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 5.DSPIC33FJ32MC302T-I/SO.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stock Condition     | 28779 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

REQUEST FOR QUOTATION

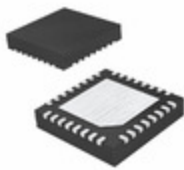
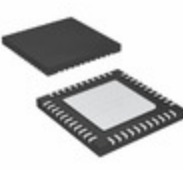
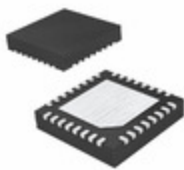
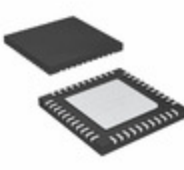
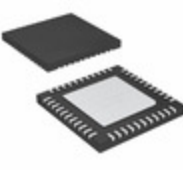
Specifications of DSPIC33FJ32MC302T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ32MC302T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 28779 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 2.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 3.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 4.DSPIC33FJ32MC302T-I/SO.pdf</div> <div> 5.DSPIC33FJ32MC302T-I/SO.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | DSPIC33FJ32MC302T-I/SOTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 32KB (32K x 8) FLASH 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | DSPIC33FJ32MC302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ32MC302T-I/SO | DSPIC33FJ32MC302T-I/SO Distributor          | DSPIC33FJ32MC302T-I/SO Supplier                               |
| DSPIC33FJ32MC302T-I/SO Price                         | DSPIC33FJ32MC302T-I/SO Pictures             | DSPIC33FJ32MC302T-I/SO Image                                  |
| DSPIC33FJ32MC302T-I/SO PDF Datasheet                 | DSPIC33FJ32MC302T-I/SO Download Datasheet   | DSPIC33FJ32MC302T-I/SO Datasheet                              |
| DSPIC33FJ32MC302T-I/SO Stock                         | Buy DSPIC33FJ32MC302T-I/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ32MC302T-I/SO      |
| Micrel / Microchip Technology DSPIC33FJ32MC302T-I/SO | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33FJ32MC302T-I/SO | Microchip Technology DSPIC33FJ32MC302T-I/SO | Roving Networks / Microchip Technology DSPIC33FJ32MC302T-I/SO |

Related Products

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| <div></div> <div><b>DSPIC33FJ32MC302-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 24129 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>DSPIC33FJ32MC304-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 23235 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33FJ32MC302-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 30920 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33FJ32MC304-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 20547 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33FJ32MC302T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 27525 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33FJ32MC302-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 22088 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33FJ32MC304T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 25394 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33FJ32MC304-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 24766 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33FJ32MC302-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 23354 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33FJ32MC304-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 24261 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33FJ32MC304T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 24636 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33FJ32MC302-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 20876 pcs<br/><div>RFQ</div></div> |

