



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## DSPIC33FJ32MC204-E/PT

|                     |                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ32MC204-E/PT                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                     |
| Product description | IC MCU 16BIT 32KB FLASH 44TQFP <div><a href="#">1.DSPIC33FJ32MC204-E/PT.pdf</a><a href="#">2.DSPIC33FJ32MC204-E/PT.pdf</a><a href="#">3.DSPIC33FJ32MC204-E/PT.pdf</a><a href="#">4.DSPIC33FJ32MC204-E/PT.pdf</a><a href="#">5.DSPIC33FJ32MC204-E/PT.pdf</a></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                   |
| RoHS Status         |  Lead free / RoHS Compliant                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

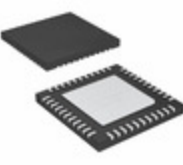
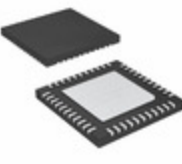
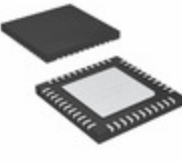
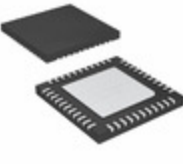
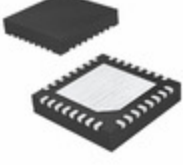
### Specifications of DSPIC33FJ32MC204-E/PT

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ32MC204-E/PT                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 44TQFP                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                  |
| DATA SHEET                       | <a href="#">1.DSPIC33FJ32MC204-E/PT.pdf</a> <a href="#">2.DSPIC33FJ32MC204-E/PT.pdf</a> <a href="#">3.DSPIC33FJ32MC204-E/PT.pdf</a> <a href="#">4.DSPIC33FJ32MC204-E/PT.pdf</a> <a href="#">5.DSPIC33FJ32MC204-E/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                             |
| SPEED                            | 40 MIPs                                                                                                                                                                                                                     |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                  |
| RAM SIZE                         | 2K 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                        | Tray                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                                                                                                                    |
| 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 44-TQFP (10x10)                                                                                                                                     |
| DATA CONVERTERS                  | A/D 9x10b/12b                                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                          |
| BASE PART NUMBER                 | DSPIC33FJ32MC204                                                                                                                                                                                                            |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ32MC204-E/PT | DSPIC33FJ32MC204-E/PT Distributor          | DSPIC33FJ32MC204-E/PT Supplier                               |
| DSPIC33FJ32MC204-E/PT Price                         | DSPIC33FJ32MC204-E/PT Pictures             | DSPIC33FJ32MC204-E/PT Image                                  |
| DSPIC33FJ32MC204-E/PT PDF Datasheet                 | DSPIC33FJ32MC204-E/PT Download Datasheet   | DSPIC33FJ32MC204-E/PT Datasheet                              |
| DSPIC33FJ32MC204-E/PT Stock                         | Buy DSPIC33FJ32MC204-E/PT                  | Buy Micrel / Microchip Technology DSPIC33FJ32MC204-E/PT      |
| Micrel / Microchip Technology DSPIC33FJ32MC204-E/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ32MC204-E/PT | Microchip Technology DSPIC33FJ32MC204-E/PT | Roving Networks / Microchip Technology DSPIC33FJ32MC204-E/PT |

### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
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|  <div><b>DSPIC33FJ32MC202T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33FJ32MC204-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 92 pcs<br/>RFQ</div>     |
|  <div><b>DSPIC33FJ32MC202-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 210 pcs<br/>RFQ</div>    |  <div><b>DSPIC33FJ32MC204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>DSPIC33FJ32MC204-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 40 pcs<br/>RFQ</div>      |  <div><b>DSPIC33FJ32MC204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 349 pcs<br/>RFQ</div>    |
|  <div><b>DSPIC33FJ32MC202-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 801 pcs<br/>RFQ</div>    |  <div><b>DSPIC33FJ32MC204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33FJ32MC204-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>DSPIC33FJ32MC204-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 225 pcs<br/>RFQ</div>     |
|  <div><b>DSPIC33FJ32MC202T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33FJ32MC202T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>  |