

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ64MC204-E/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 64KB FLASH 44TQFP                                                                                |
|                     |  1.DSPIC33FJ64MC204-E/PT.pdf |
|                     |  2.DSPIC33FJ64MC204-E/PT.pdf |
|                     |  3.DSPIC33FJ64MC204-E/PT.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 16246 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

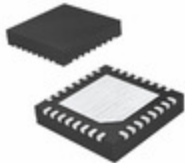
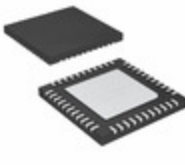
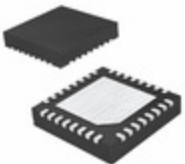
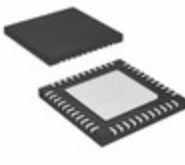
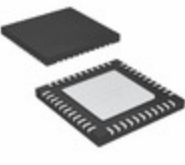
Specifications of DSPIC33FJ64MC204-E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ64MC204-E/PT                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 16246 pcs                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33FJ64MC204-E/PT.pdf<br> 2.DSPIC33FJ64MC204-E/PT.pdf<br> 3.DSPIC33FJ64MC204-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                       |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                         | 8K 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                        | Tray                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | DSPIC33FJ64MC204EPT                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                         |
| 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 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                 | DSPIC33FJ64MC204                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ64MC204-E/PT | DSPIC33FJ64MC204-E/PT Distributor          | DSPIC33FJ64MC204-E/PT Supplier                               |
| DSPIC33FJ64MC204-E/PT Price                         | DSPIC33FJ64MC204-E/PT Pictures             | DSPIC33FJ64MC204-E/PT Image                                  |
| DSPIC33FJ64MC204-E/PT PDF Datasheet                 | DSPIC33FJ64MC204-E/PT Download Datasheet   | DSPIC33FJ64MC204-E/PT Datasheet                              |
| DSPIC33FJ64MC204-E/PT Stock                         | Buy DSPIC33FJ64MC204-E/PT                  | Buy Micrel / Microchip Technology DSPIC33FJ64MC204-E/PT      |
| Micrel / Microchip Technology DSPIC33FJ64MC204-E/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ64MC204-E/PT | Microchip Technology DSPIC33FJ64MC204-E/PT | Roving Networks / Microchip Technology DSPIC33FJ64MC204-E/PT |

Related Products

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|  <div><b>DSPIC33FJ64MC202T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 24034 pcs<br/>RFQ</div>  |  <div><b>DSPIC33FJ64MC202-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 25667 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33FJ64MC204-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 22505 pcs<br/>RFQ</div>   |  <div><b>DSPIC33FJ64MC202-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 26951 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33FJ64MC506-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 16057 pcs<br/>RFQ</div>  |  <div><b>DSPIC33FJ64MC202-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 21342 pcs<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ64MC204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 20612 pcs<br/>RFQ</div>  |  <div><b>DSPIC33FJ64MC204-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 21572 pcs<br/>RFQ</div>   |
|  <div><b>DSPIC33FJ64MC506A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: 20294 pcs<br/>RFQ</div>  |  <div><b>DSPIC33FJ64MC202T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 21322 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33FJ64MC204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 25593 pcs<br/>RFQ</div> |  <div><b>DSPIC33FJ64MC204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 17784 pcs<br/>RFQ</div>  |