



DSPIC33FJ16MC304-H/ML

|                     |                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ16MC304-H/ML                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                          |
| Product description | IC MCU 16BIT 16KB FLASH 44QFN<br><a href="#">PDF</a> 1.DSPIC33FJ16MC304-H/ML.pdf<br><a href="#">PDF</a> 2.DSPIC33FJ16MC304-H/ML.pdf<br><a href="#">PDF</a> 3.DSPIC33FJ16MC304-H/ML.pdf |
| Datasheets:         |                                                                                                                                                                                        |
| RoHs Status         |  Lead free / RoHS Compliant                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                  |

REQUEST FOR QUOTATION

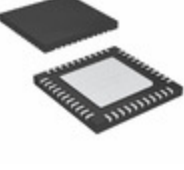
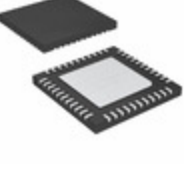
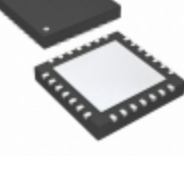
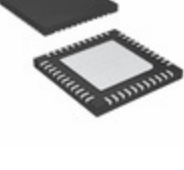
Specifications of DSPIC33FJ16MC304-H/ML

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ16MC304-H/ML                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 44QFN                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| DATA SHEET                       | <a href="#">PDF</a> 1.DSPIC33FJ16MC304-H/ML.pdf<br><a href="#">PDF</a> 2.DSPIC33FJ16MC304-H/ML.pdf<br><a href="#">PDF</a> 3.DSPIC33FJ16MC304-H/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                          |
| SPEED                            | 20 MIPS                                                                                                                                               |
| SERIES                           | dsPIC™ 33F                                                                                                                                            |
| RAM SIZE                         | 2K x 8                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                 |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                                                    |
| PACKAGING                        | Tube                                                                                                                                                  |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                   |
| OTHER NAMES                      | DSPIC33FJ16MC304HML                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TA)                                                                                                                                    |
| NUMBER OF I/O                    | 35                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| EEPROM SIZE                      | -                                                                                                                                                     |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 20 MIPS 16KB (16K x 8) FLASH 44-QFN (8x8)                                                                  |
| DATA CONVERTERS                  | A/D 9x10b/12b                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                    |
| BASE PART NUMBER                 | DSPIC33FJ16MC304                                                                                                                                      |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ16MC304-H/ML | DSPIC33FJ16MC304-H/ML Distributor          | DSPIC33FJ16MC304-H/ML Supplier                               |
| DSPIC33FJ16MC304-H/ML Price                         | DSPIC33FJ16MC304-H/ML Pictures             | DSPIC33FJ16MC304-H/ML Image                                  |
| DSPIC33FJ16MC304-H/ML PDF Datasheet                 | DSPIC33FJ16MC304-H/ML Download Datasheet   | DSPIC33FJ16MC304-H/ML Datasheet                              |
| DSPIC33FJ16MC304-H/ML Stock                         | Buy DSPIC33FJ16MC304-H/ML                  | Buy Micrel / Microchip Technology DSPIC33FJ16MC304-H/ML      |
| Micrel / Microchip Technology DSPIC33FJ16MC304-H/ML | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ16MC304-H/ML | Microchip Technology DSPIC33FJ16MC304-H/ML | Roving Networks / Microchip Technology DSPIC33FJ16MC304-H/ML |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                               |
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|  <p><b>DSPIC33FJ16MC304-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 97 pcs</p> <p>RFQ</p>    |  <p><b>DSPIC33FJ16MC102T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>DSPIC33FJ16MC304-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33FJ16MC304T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>DSPIC33FJ16MC102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33FJ16MC304-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>DSPIC33FJ16MC304-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 65 pcs</p> <p>RFQ</p>     |  <p><b>DSPIC33FJ16MC304T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>DSPIC33FJ16MC102T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33FJ256GP506-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>DSPIC33FJ16MC304-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>DSPIC33FJ16MC102T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: Out stock</p> <p>RFQ</p>  |