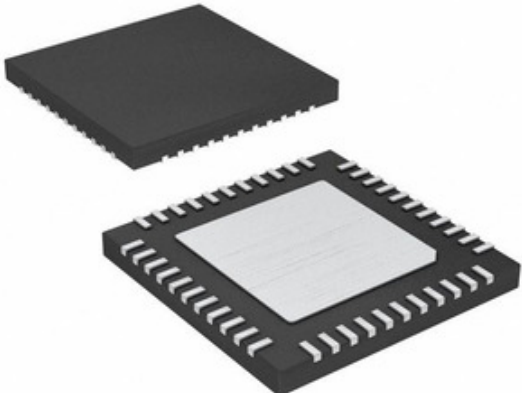




Micrel / Microchip Technology



DSPIC33FJ32GP204T-I/ML

|                     |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ32GP204T-I/ML                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                             |
| Product description | IC MCU 16BIT 32KB FLASH 44QFN <div> 1.DSPIC33FJ32GP204T-I/ML.pdf<div> 2.DSPIC33FJ32GP204T-I/ML.pdf<div> 3.DSPIC33FJ32GP204T-I/ML.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

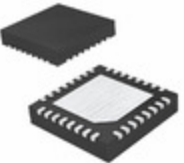
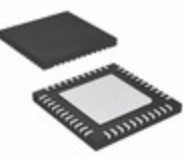
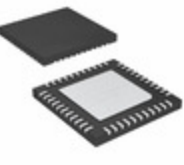
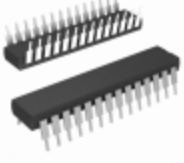
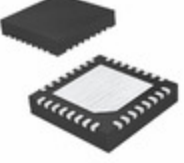
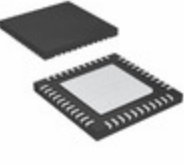
Specifications of DSPIC33FJ32GP204T-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ32GP204T-I/ML                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.DSPIC33FJ32GP204T-I/ML.pdf<div> 2.DSPIC33FJ32GP204T-I/ML.pdf<div> 3.DSPIC33FJ32GP204T-I/ML.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                      |
| 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, DCI, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | DSPIC33FJ32GP204T-I/MLTR                                                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 10 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-QFN (8x8)                                                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 13x10b/12b                                                                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | DSPIC33FJ32GP204                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ32GP204T-I/ML | DSPIC33FJ32GP204T-I/ML Distributor          | DSPIC33FJ32GP204T-I/ML Supplier                               |
| DSPIC33FJ32GP204T-I/ML Price                         | DSPIC33FJ32GP204T-I/ML Pictures             | DSPIC33FJ32GP204T-I/ML Image                                  |
| DSPIC33FJ32GP204T-I/ML PDF Datasheet                 | DSPIC33FJ32GP204T-I/ML Download Datasheet   | DSPIC33FJ32GP204T-I/ML Datasheet                              |
| DSPIC33FJ32GP204T-I/ML Stock                         | Buy DSPIC33FJ32GP204T-I/ML                  | Buy Micrel / Microchip Technology DSPIC33FJ32GP204T-I/ML      |
| Micrel / Microchip Technology DSPIC33FJ32GP204T-I/ML | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33FJ32GP204T-I/ML | Microchip Technology DSPIC33FJ32GP204T-I/ML | Roving Networks / Microchip Technology DSPIC33FJ32GP204T-I/ML |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>DSPIC33FJ32GP302-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 28SOIC</div><div>In stock: 972 pcs</div><div>RFQ</div></div></div>    | <div><div><b>DSPIC33FJ32GP302-I/MM</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div><div>In stock: 79 pcs</div><div>RFQ</div></div></div>     |
| <div><div><b>DSPIC33FJ32GP204-E/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>DSPIC33FJ32GP204-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  |
| <div><div><b>DSPIC33FJ32GP204T-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div></div> | <div><div><b>DSPIC33FJ32GP204-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div></div> |
| <div><div><b>DSPIC33FJ32GP204-H/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>DSPIC33FJ32GP204-H/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  |
| <div><div><b>DSPIC33FJ32GP302-E/SP</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 28SDIP</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>DSPIC33FJ32GP302-E/MM</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  |
| <div><div><b>DSPIC33FJ32GP204-E/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div><div>In stock: Out stock</div><div>RFQ</div></div></div>   | <div><div><b>DSPIC33FJ32GP302-E/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 32KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div> |