



DSPIC33FJ16GS504-50I/ML

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ16GS504-50I/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 16KB FLASH 44QFN                                                                                   |
|                     |  1.DSPIC33FJ16GS504-50I/ML.pdf |
|                     |  2.DSPIC33FJ16GS504-50I/ML.pdf |
|                     |  3.DSPIC33FJ16GS504-50I/ML.pdf |
|                     |  4.DSPIC33FJ16GS504-50I/ML.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 23266 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

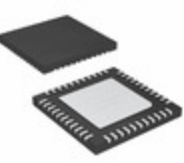
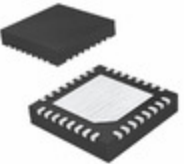
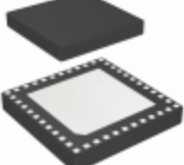
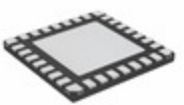
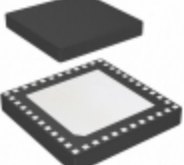
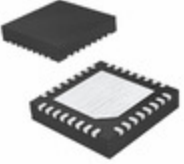
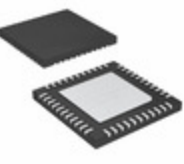
Specifications of DSPIC33FJ16GS504-50I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ16GS504-50I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 23266 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.DSPIC33FJ16GS504-50I/ML.pdf<br> 2.DSPIC33FJ16GS504-50I/ML.pdf<br> 3.DSPIC33FJ16GS504-50I/ML.pdf<br> 4.DSPIC33FJ16GS504-50I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 50 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, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | DSPIC33FJ16GS50450IML                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 50 MIPS 16KB (16K x 8) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA CONVERTERS                  | A/D 24x10b, D/A 4x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | DSPIC33FJ16GS504                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ16GS504-50I/ML | DSPIC33FJ16GS504-50I/ML Distributor          | DSPIC33FJ16GS504-50I/ML Supplier                               |
| DSPIC33FJ16GS504-50I/ML Price                         | DSPIC33FJ16GS504-50I/ML Pictures             | DSPIC33FJ16GS504-50I/ML Image                                  |
| DSPIC33FJ16GS504-50I/ML PDF Datasheet                 | DSPIC33FJ16GS504-50I/ML Download Datasheet   | DSPIC33FJ16GS504-50I/ML Datasheet                              |
| DSPIC33FJ16GS504-50I/ML Stock                         | Buy DSPIC33FJ16GS504-50I/ML                  | Buy Micrel / Microchip Technology DSPIC33FJ16GS504-50I/ML      |
| Micrel / Microchip Technology DSPIC33FJ16GS504-50I/ML | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33FJ16GS504-50I/ML | Microchip Technology DSPIC33FJ16GS504-50I/ML | Roving Networks / Microchip Technology DSPIC33FJ16GS504-50I/ML |

Related Products

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|  <div><b>DSPIC33FJ16GS502T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 25597 pcs<br/><div>RFQ</div></div>   |  <div><b>DSPIC33FJ16GS504-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 17611 pcs<br/><div>RFQ</div></div>    |
|  <div><b>DSPIC33FJ16GS504-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 20006 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33FJ16GS502T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 20645 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33FJ16GS504-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44VTLA<br/>In stock: 22718 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33FJ16GS504-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 18167 pcs<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33FJ16GS502-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br/>In stock: 20843 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33FJ16GS502T-E/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 26498 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33FJ16GS502T-50I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 21693 pcs<br/><div>RFQ</div></div> |  <div><b>DSPIC33FJ16GS504-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44VTLA<br/>In stock: 18913 pcs<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33FJ16GS502T-50I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 18233 pcs<br/><div>RFQ</div></div>  |  <div><b>DSPIC33FJ16GS504-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 19428 pcs<br/><div>RFQ</div></div>    |