



DSPIC33FJ64GP206A-I/MR

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| Part Number:        | DSPIC33FJ64GP206A-I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product description | IC MCU 16BIT 64KB FLASH 64QFN <div><div>1.DSPIC33FJ64GP206A-I/MR.pdf</div><div>2.DSPIC33FJ64GP206A-I/MR.pdf</div><div>3.DSPIC33FJ64GP206A-I/MR.pdf</div><div>4.DSPIC33FJ64GP206A-I/MR.pdf</div><div>5.DSPIC33FJ64GP206A-I/MR.pdf</div><div>6.DSPIC33FJ64GP206A-I/MR.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RoHS Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

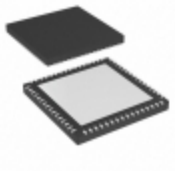
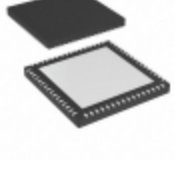
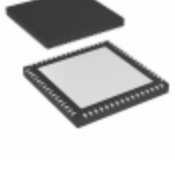
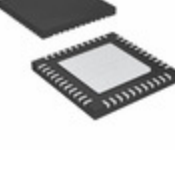
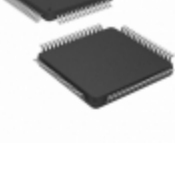
Specifications of DSPIC33FJ64GP206A-I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| PART NUMBER                      | DSPIC33FJ64GP206A-I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div><div>1.DSPIC33FJ64GP206A-I/MR.pdf</div><div>2.DSPIC33FJ64GP206A-I/MR.pdf</div><div>3.DSPIC33FJ64GP206A-I/MR.pdf</div><div>4.DSPIC33FJ64GP206A-I/MR.pdf</div><div>5.DSPIC33FJ64GP206A-I/MR.pdf</div><div>6.DSPIC33FJ64GP206A-I/MR.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SPEED                            | 40 MIPs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | DSPIC33FJ64GP206A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ64GP206A-I/MR | DSPIC33FJ64GP206A-I/MR Distributor          | DSPIC33FJ64GP206A-I/MR Supplier                               |
| DSPIC33FJ64GP206A-I/MR Price                         | DSPIC33FJ64GP206A-I/MR Pictures             | DSPIC33FJ64GP206A-I/MR Image                                  |
| DSPIC33FJ64GP206A-I/MR PDF Datasheet                 | DSPIC33FJ64GP206A-I/MR Download Datasheet   | DSPIC33FJ64GP206A-I/MR Datasheet                              |
| DSPIC33FJ64GP206A-I/MR Stock                         | Buy DSPIC33FJ64GP206A-I/MR                  | Buy Micrel / Microchip Technology DSPIC33FJ64GP206A-I/MR      |
| Micrel / Microchip Technology DSPIC33FJ64GP206A-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33FJ64GP206A-I/MR | Microchip Technology DSPIC33FJ64GP206A-I/MR | Roving Networks / Microchip Technology DSPIC33FJ64GP206A-I/MR |

Related Products

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| <div></div> <div><b>DSPIC33FJ64GP306-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 423 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>DSPIC33FJ64GP206A-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33FJ64GP206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33FJ64GP306A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DSPIC33FJ64GP204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 748 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>DSPIC33FJ64GP206AT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33FJ64GP206A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33FJ64GP206AT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33FJ64GP206A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 326 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>DSPIC33FJ64GP204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DSPIC33FJ64GP204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33FJ64GP206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 655 pcs<br/><div>RFQ</div></div>     |