



Micrel / Microchip Technology



DSPIC33FJ64MC706A-E/MR

|                     |                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Part Number:        | DSPIC33FJ64MC706A-E/MR                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 64QFN <div> 1.DSPIC33FJ64MC706A-E/MR.pdf</div> <div> 2.DSPIC33FJ64MC706A-E/MR.pdf</div> <div> 3.DSPIC33FJ64MC706A-E/MR.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                             |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                |
| Stock Condition     | 18286 pcs stock                                                                                                                                                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

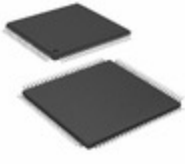
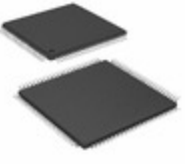
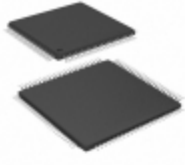
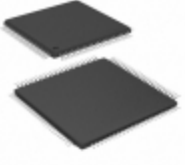
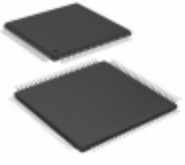
Specifications of DSPIC33FJ64MC706A-E/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ64MC706A-E/MR                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 18286 pcs                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div> 1.DSPIC33FJ64MC706A-E/MR.pdf</div> <div> 2.DSPIC33FJ64MC706A-E/MR.pdf</div> <div> 3.DSPIC33FJ64MC706A-E/MR.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                        |
| SPEED                            | 40 MIPs                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 16K 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                        | Tube                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 40 MIPs 64KB (64K x 8) FLASH 64-QFN (9x9)                                                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 16x10b/12b                                                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                              |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | DSPIC33FJ64MC706A                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ64MC706A-E/MR | DSPIC33FJ64MC706A-E/MR Distributor          | DSPIC33FJ64MC706A-E/MR Supplier                               |
| DSPIC33FJ64MC706A-E/MR Price                         | DSPIC33FJ64MC706A-E/MR Pictures             | DSPIC33FJ64MC706A-E/MR Image                                  |
| DSPIC33FJ64MC706A-E/MR PDF Datasheet                 | DSPIC33FJ64MC706A-E/MR Download Datasheet   | DSPIC33FJ64MC706A-E/MR Datasheet                              |
| DSPIC33FJ64MC706A-E/MR Stock                         | Buy DSPIC33FJ64MC706A-E/MR                  | Buy Micrel / Microchip Technology DSPIC33FJ64MC706A-E/MR      |
| Micrel / Microchip Technology DSPIC33FJ64MC706A-E/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33FJ64MC706A-E/MR | Microchip Technology DSPIC33FJ64MC706A-E/MR | Roving Networks / Microchip Technology DSPIC33FJ64MC706A-E/MR |

Related Products

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| <div><div><b>DSPIC33FJ64MC706A-E/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 18864 pcs</div><div>RFQ</div></div></div>  | <div><div><b>DSPIC33FJ64MC706T-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 21488 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>DSPIC33FJ64MC510AT-I/PF</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div><div>In stock: 4945 pcs</div><div>RFQ</div></div></div> | <div><div><b>DSPIC33FJ64MC510T-I/PF</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div><div>In stock: 6269 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>DSPIC33FJ64MC706A-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 13968 pcs</div><div>RFQ</div></div></div>  | <div><div><b>DSPIC33FJ64MC706AT-I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div><div>In stock: 16327 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>DSPIC33FJ64MC510A-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div><div>In stock: 17697 pcs</div><div>RFQ</div></div></div> | <div><div><b>DSPIC33FJ64MC706AT-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 19454 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>DSPIC33FJ64MC706-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 16613 pcs</div><div>RFQ</div></div></div>   | <div><div><b>DSPIC33FJ64MC510T-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div><div>In stock: 6800 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>DSPIC33FJ64MC706A-I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div><div>In stock: 21390 pcs</div><div>RFQ</div></div></div>   | <div><div><b>DSPIC33FJ64MC510AT-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div><div>In stock: 16364 pcs</div><div>RFQ</div></div></div> |