




Micrel / Microchip Technology

DSPIC33FJ64MC508T-I/PT

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| Part Number: | DSPIC33FJ64MC508T-I/PT |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 16BIT 64KB FLASH 80TQFP 1.DSPIC33FJ64MC508T-I/PT.pdf 2.DSPIC33FJ64MC508T-I/PT.pdf 3.DSPIC33FJ64MC508T-I/PT.pdf 4.DSPIC33FJ64MC508T-I/PT.pdf 5.DSPIC33FJ64MC508T-I/PT.pdf 6.DSPIC33FJ64MC508T-I/PT.pdf |
| Datasheets: | |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

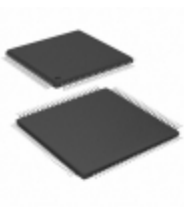
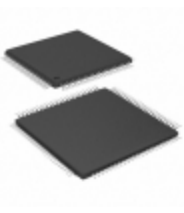


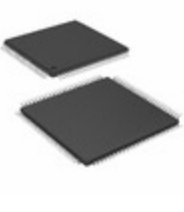

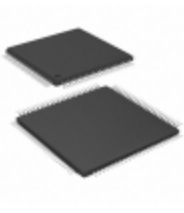


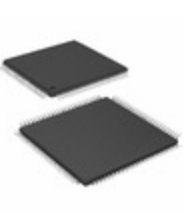
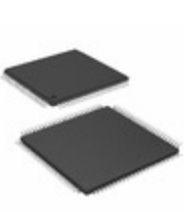

Specifications of DSPIC33FJ64MC508T-I/PT

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|----------------------------------|--|
| PART NUMBER | DSPIC33FJ64MC508T-I/PT |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 16BIT 64KB FLASH 80TQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.DSPIC33FJ64MC508T-I/PT.pdf 2.DSPIC33FJ64MC508T-I/PT.pdf 3.DSPIC33FJ64MC508T-I/PT.pdf 4.DSPIC33FJ64MC508T-I/PT.pdf 5.DSPIC33FJ64MC508T-I/PT.pdf 6.DSPIC33FJ64MC508T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 3 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 80-TQFP (12x12) |
| SPEED | 40 MIPS |
| SERIES | dsPIC™ 33F |
| RAM SIZE | 8K 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 | Tape & Reel (TR) |
| PACKAGE / CASE | 80-TQFP |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 69 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| 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 80-TQFP (12x12) |
| DATA CONVERTERS | A/D 18x10b/12b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | dsPIC |
| CONNECTIVITY | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART |
| BASE PART NUMBER | DSPIC33FJ64MC508 |

Related Tags

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