



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33CH64MP206-I/MR

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH64MP206-I/MR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                               |
| Product description | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                                            |
| Datasheets:         |  <a href="#">DSPIC33CH64MP206-I/MR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

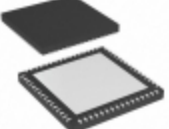
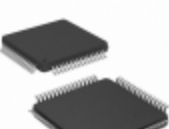
Specifications of DSPIC33CH64MP206-I/MR

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH64MP206-I/MR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                 |
| DESCRIPTION                      | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       |  <a href="#">DSPIC33CH64MP206-I/MR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                  |
| SPEED                            | 180MHz, 200MHz                                                                                                                |
| SERIES                           | dsPIC™ 33CH                                                                                                                   |
| RAM SIZE                         | 20K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH/PRAM                                                                                                                    |
| PROGRAM MEMORY SIZE              | 88KB (88K 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 ~ 85°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 53                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33CH Microcontroller IC 16-Bit Dual-Core 180MHz, 200MHz 88KB (88K x 8) FLASH/PRAM 64-QFN (9x9)                   |
| DATA CONVERTERS                  | A/D 34x12b, D/A 4x12b                                                                                                         |
| CORE SIZE                        | 16-Bit Dual-Core                                                                                                              |
| CORE PROCESSOR                   | dsPIC                                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                            |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CH64MP206-I/MR | DSPIC33CH64MP206-I/MR Distributor          | DSPIC33CH64MP206-I/MR Supplier                               |
| DSPIC33CH64MP206-I/MR Price                         | DSPIC33CH64MP206-I/MR Pictures             | DSPIC33CH64MP206-I/MR Image                                  |
| DSPIC33CH64MP206-I/MR PDF Datasheet                 | DSPIC33CH64MP206-I/MR Download Datasheet   | DSPIC33CH64MP206-I/MR Datasheet                              |
| DSPIC33CH64MP206-I/MR Stock                         | Buy DSPIC33CH64MP206-I/MR                  | Buy Micrel / Microchip Technology DSPIC33CH64MP206-I/MR      |
| Micrel / Microchip Technology DSPIC33CH64MP206-I/MR | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
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Related Products

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|  <div><b>DSPIC33CH64MP208-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 712 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33CH64MP206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33CH64MP206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33CH64MP208-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 714 pcs<br/><div>RFQ</div></div>    |
|  <div><b>DSPIC33CH64MP205-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33CH64MP205-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33CH64MP203T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33CH64MP206-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33CH64MP205T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33CH64MP206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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