



Micrel / Microchip Technology

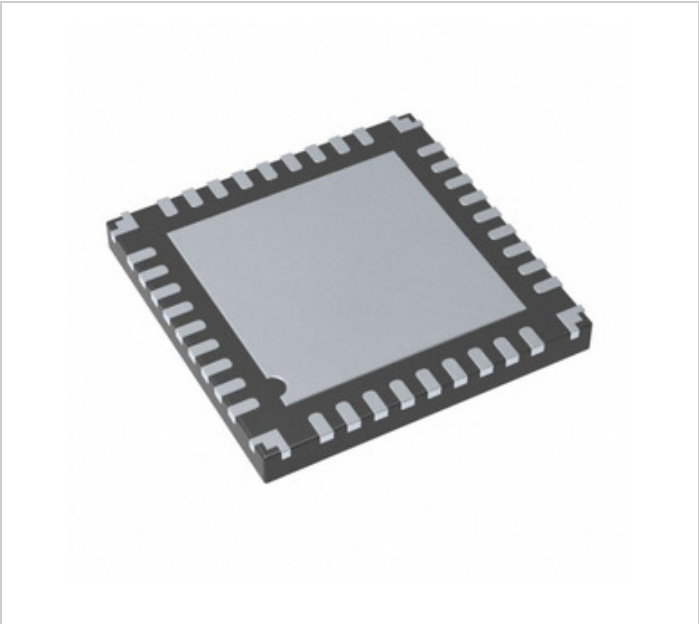


Image may be representation. See specifications for product details.

DSPIC33CH64MP503T-I/M5

|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH64MP503T-I/M5                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                |
| Product description | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                                             |
| Datasheets:         |  <a href="#">DSPIC33CH64MP503T-I/M5.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                 |
| Ship From           | Hong Kong                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                        |

REQUEST FOR QUOTATION

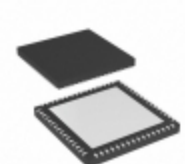
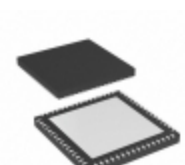
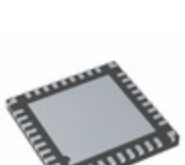
Specifications of DSPIC33CH64MP503T-I/M5

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH64MP503T-I/M5                                                                                                         |
| 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="#">DSPIC33CH64MP503T-I/M5.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 36-UQFN (5x5)                                                                                                                  |
| 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                        | Tape & Reel (TR)                                                                                                               |
| PACKAGE / CASE                   | 36-UFQFN Exposed Pad                                                                                                           |
| OTHER NAMES                      | DSPIC33CH64MP503T-I/M5TR                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                              |
| NUMBER OF I/O                    | 27                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                  |
| 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 36-UQFN (5x5)                   |
| DATA CONVERTERS                  | A/D 32x12b, D/A 4x12b                                                                                                          |
| CORE SIZE                        | 16-Bit Dual-Core                                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                                          |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                     |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CH64MP503T-I/M5 | DSPIC33CH64MP503T-I/M5 Distributor          | DSPIC33CH64MP503T-I/M5 Supplier                               |
| DSPIC33CH64MP503T-I/M5 Price                         | DSPIC33CH64MP503T-I/M5 Pictures             | DSPIC33CH64MP503T-I/M5 Image                                  |
| DSPIC33CH64MP503T-I/M5 PDF Datasheet                 | DSPIC33CH64MP503T-I/M5 Download Datasheet   | DSPIC33CH64MP503T-I/M5 Datasheet                              |
| DSPIC33CH64MP503T-I/M5 Stock                         | Buy DSPIC33CH64MP503T-I/M5                  | Buy Micrel / Microchip Technology DSPIC33CH64MP503T-I/M5      |
| Micrel / Microchip Technology DSPIC33CH64MP503T-I/M5 | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33CH64MP503T-I/M5 | Microchip Technology DSPIC33CH64MP503T-I/M5 | Roving Networks / Microchip Technology DSPIC33CH64MP503T-I/M5 |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33CH64MP502-I/SS</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>DSPIC33CH64MP505-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>DSPIC33CH64MP505T-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>DSPIC33CH64MP503-E/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>DSPIC33CH64MP506-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>DSPIC33CH64MP505-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>DSPIC33CH64MP506-E/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>DSPIC33CH64MP502T-I/SS</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>DSPIC33CH64MP502T-I/2N</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>DSPIC33CH64MP506-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>DSPIC33CH64MP502-I/2N</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>DSPIC33CH64MP503-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 657 pcs<br/><div>RFQ</div></div>    |