



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33CH128MP502T-I/SS

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH128MP502T-I/SS                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                 |
| Product description | 16 BIT DSC, DUAL CORE, 128K FLAS                                                                                              |
| Datasheets:         |  <a href="#">DSPIC33CH128MP502T-I/SS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

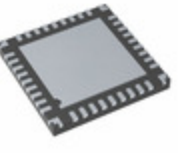
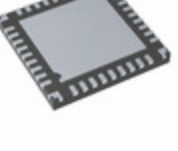
Specifications of DSPIC33CH128MP502T-I/SS

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH128MP502T-I/SS                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                   |
| DESCRIPTION                      | 16 BIT DSC, DUAL CORE, 128K FLAS                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| DATA SHEET                       |  <a href="#">DSPIC33CH128MP502T-I/SS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                                                         |
| SPEED                            | 180MHz, 200MHz                                                                                                                  |
| SERIES                           | dsPIC™ 33CH                                                                                                                     |
| RAM SIZE                         | 20K x 8                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH/PRAM                                                                                                                      |
| PROGRAM MEMORY SIZE              | 152KB (152K x 8)                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                              |
| PACKAGING                        | Cut Tape (CT)                                                                                                                   |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                  |
| OTHER NAMES                      | DSPIC33CH128MP502T-I/SSCT                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                               |
| NUMBER OF I/O                    | 21                                                                                                                              |
| 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 152KB (152K x 8) FLASH/PRAM 28-SSOP                        |
| DATA CONVERTERS                  | A/D 23x12b, 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 DSPIC33CH128MP502T-I/SS | DSPIC33CH128MP502T-I/SS Distributor          | DSPIC33CH128MP502T-I/SS Supplier                               |
| DSPIC33CH128MP502T-I/SS Price                         | DSPIC33CH128MP502T-I/SS Pictures             | DSPIC33CH128MP502T-I/SS Image                                  |
| DSPIC33CH128MP502T-I/SS PDF Datasheet                 | DSPIC33CH128MP502T-I/SS Download Datasheet   | DSPIC33CH128MP502T-I/SS Datasheet                              |
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Related Products

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|  <div><b>DSPIC33CH128MP502-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 250 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>DSPIC33CH128MP505-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 243 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>DSPIC33CH128MP502-E/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33CH128MP503T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>DSPIC33CH128MP502-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33CH128MP502T-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>DSPIC33CH128MP505-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33CH128MP502-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 205 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>DSPIC33CH128MP208T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>DSPIC33CH128MP503-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 250 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>DSPIC33CH128MP503-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>DSPIC33CH128MP505T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |