



Micrel / Microchip Technology

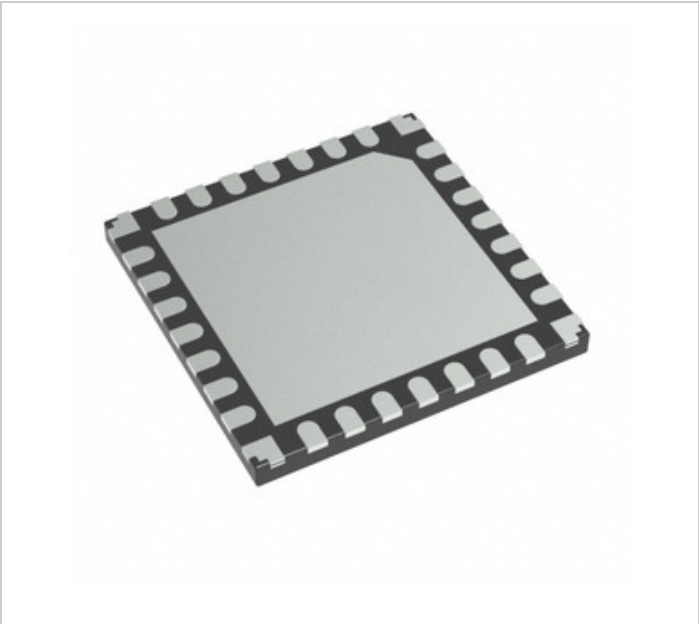


Image may be representation. See specifications for product details.

DSPIC33CH128MP202T-I/2N

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH128MP202T-I/2N                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                 |
| Product description | 16 BIT DSC, DUAL CORE, 128K FLAS                                                                                              |
| Datasheets:         |  <a href="#">DSPIC33CH128MP202T-I/2N.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

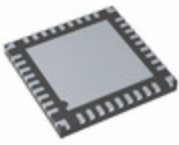
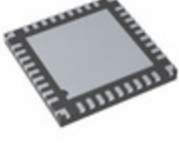
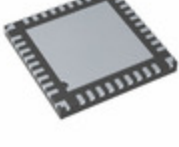
Specifications of DSPIC33CH128MP202T-I/2N

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH128MP202T-I/2N                                                                                                         |
| 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="#">DSPIC33CH128MP202T-I/2N.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 28-UQFN (6x6)                                                                                                                   |
| 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                        | Tape & Reel (TR)                                                                                                                |
| PACKAGE / CASE                   | 28-UQFN Exposed Pad                                                                                                             |
| OTHER NAMES                      | DSPIC33CH128MP202T-I/2NTR                                                                                                       |
| 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-UQFN (6x6)                  |
| DATA CONVERTERS                  | A/D 23x12b, D/A 4x12b                                                                                                           |
| CORE SIZE                        | 16-Bit Dual-Core                                                                                                                |
| CORE PROCESSOR                   | dsPIC                                                                                                                           |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                              |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CH128MP202T-I/2N | DSPIC33CH128MP202T-I/2N Distributor          | DSPIC33CH128MP202T-I/2N Supplier                               |
| DSPIC33CH128MP202T-I/2N Price                         | DSPIC33CH128MP202T-I/2N Pictures             | DSPIC33CH128MP202T-I/2N Image                                  |
| DSPIC33CH128MP202T-I/2N PDF Datasheet                 | DSPIC33CH128MP202T-I/2N Download Datasheet   | DSPIC33CH128MP202T-I/2N Datasheet                              |
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Related Products

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|  <div><b>DSPIC33CH128MP203T-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>DSPIC33CH128MP202T-I/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>DSPIC33CH128MP205-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>DSPIC33CH128MP202-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>DSPIC33CH128MP203-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>DSPIC33CH128MP202-I/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>DSPIC33CH128MP203-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>DSPIC33CH128MP205-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>DSPIC33CH128MP202-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>DSPIC30F6015T-20I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 144KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>DSPIC30F6015T-30I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 144KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>DSPIC33CH128MP202-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>  |