

MICROCHIP

Micrel / Microchip Technology

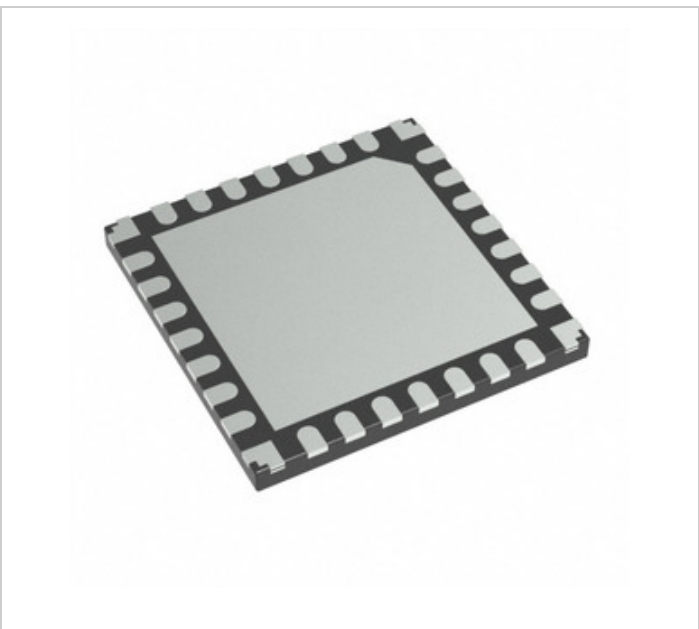


Image may be representation. See specifications for product details.

DSPIC33CH64MP502-E/2N

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH64MP502-E/2N                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                               |
| Product description | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                                            |
| Datasheets:         |  <a href="#">DSPIC33CH64MP502-E/2N.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                |
| Stock Condition     | 21170 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

Specifications of DSPIC33CH64MP502-E/2N

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH64MP502-E/2N                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                 |
| DESCRIPTION                      | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 21170 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">DSPIC33CH64MP502-E/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              | 88KB (88K x 8)                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                            |
| PACKAGING                        | Tube                                                                                                                          |
| PACKAGE / CASE                   | 28-UQFN Exposed Pad                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 21                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                 |
| 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 28-UQFN (6x6)                  |
| 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 DSPIC33CH64MP502-E/2N | DSPIC33CH64MP502-E/2N Distributor          | DSPIC33CH64MP502-E/2N Supplier                               |
| DSPIC33CH64MP502-E/2N Price                         | DSPIC33CH64MP502-E/2N Pictures             | DSPIC33CH64MP502-E/2N Image                                  |
| DSPIC33CH64MP502-E/2N PDF Datasheet                 | DSPIC33CH64MP502-E/2N Download Datasheet   | DSPIC33CH64MP502-E/2N Datasheet                              |
| DSPIC33CH64MP502-E/2N Stock                         | Buy DSPIC33CH64MP502-E/2N                  | Buy Micrel / Microchip Technology DSPIC33CH64MP502-E/2N      |
| Micrel / Microchip Technology DSPIC33CH64MP502-E/2N | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33CH64MP502-E/2N | Microchip Technology DSPIC33CH64MP502-E/2N | Roving Networks / Microchip Technology DSPIC33CH64MP502-E/2N |

Related Products

|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 17349 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33CH64MP502-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 21378 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP208-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 17317 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33CH64MP206T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 17858 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33CH64MP502T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 20588 pcs</div> <div>RFQ</div>          | <div></div> <div>DSPIC33CH64MP502-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 24366 pcs</div> <div>RFQ</div>           |
| <div></div> <div>DSPIC33CH64MP502-I/2N</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 23646 pcs</div> <div>RFQ</div>           | <div></div> <div>DSPIC33CH64MP503-E/M5</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 23017 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 20016 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33CH64MP502T-I/2N</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 29919 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP208-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 15269 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33CH64MP208T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 64K FLASH<br/>In stock: 24342 pcs</div> <div>RFQ</div> |