



Micrel / Microchip Technology



DSPIC33CH128MP206-E/PT

|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH128MP206-E/PT                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                |
| Product description | 16 BIT DSC, DUAL CORE, 128K FLAS                                                                                             |
| Datasheets:         |  <a href="#">DSPIC33CH128MP206-E/PT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                 |
| Stock Condition     | 18866 pcs stock                                                                                                              |
| Ship From           | Hong Kong                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                        |

REQUEST FOR QUOTATION

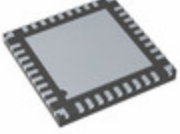
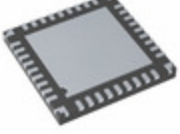
Specifications of DSPIC33CH128MP206-E/PT

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH128MP206-E/PT                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                  |
| DESCRIPTION                      | 16 BIT DSC, DUAL CORE, 128K FLAS                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 18866 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">DSPIC33CH128MP206-E/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                |
| 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                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 53                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                  |
| 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 64-TQFP (10x10)               |
| 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 DSPIC33CH128MP206-E/PT | DSPIC33CH128MP206-E/PT Distributor          | DSPIC33CH128MP206-E/PT Supplier                               |
| DSPIC33CH128MP206-E/PT Price                         | DSPIC33CH128MP206-E/PT Pictures             | DSPIC33CH128MP206-E/PT Image                                  |
| DSPIC33CH128MP206-E/PT PDF Datasheet                 | DSPIC33CH128MP206-E/PT Download Datasheet   | DSPIC33CH128MP206-E/PT Datasheet                              |
| DSPIC33CH128MP206-E/PT Stock                         | Buy DSPIC33CH128MP206-E/PT                  | Buy Micrel / Microchip Technology DSPIC33CH128MP206-E/PT      |
| Micrel / Microchip Technology DSPIC33CH128MP206-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33CH128MP206-E/PT | Microchip Technology DSPIC33CH128MP206-E/PT | Roving Networks / Microchip Technology DSPIC33CH128MP206-E/PT |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>DSPIC33CH128MP206-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 16882 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33CH128MP205T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 26247 pcs</div><div>RFQ</div></div> |
| <div><div><b>DSPIC33CH128MP206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 22210 pcs</div><div>RFQ</div></div> | <div><div><b>DSPIC33CH128MP203-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 20091 pcs</div><div>RFQ</div></div>  |
| <div><div><b>DSPIC33CH128MP206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 19822 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33CH128MP208-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 16409 pcs</div><div>RFQ</div></div>  |
| <div><div><b>DSPIC33CH128MP206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 22516 pcs</div><div>RFQ</div></div> | <div><div><b>DSPIC33CH128MP205-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 20420 pcs</div><div>RFQ</div></div>  |
| <div><div><b>DSPIC33CH128MP208-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 20126 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33CH128MP203T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 20760 pcs</div><div>RFQ</div></div> |
| <div><div><b>DSPIC33CH128MP206-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 20181 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33CH128MP205-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, DUAL CORE, 128K FLAS<br/>In stock: 22778 pcs</div><div>RFQ</div></div>  |