

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## DSPIC33CH64MP206-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33CH64MP206-I/PT                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                             |
| Datasheets:         |  DSPIC33CH64MP206-I/PT.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 20016 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of DSPIC33CH64MP206-I/PT

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CH64MP206-I/PT                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                  |
| DESCRIPTION                      | 16 BIT DSC, DUAL CORE, 64K FLASH                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 20016 pcs                                                                                                      |
| DATA SHEET                       |  DSPIC33CH64MP206-I/PT.pdf  |
| 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              | 88KB (88K 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 ~ 85°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 88KB (88K 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 DSPIC33CH64MP206-I/PT | DSPIC33CH64MP206-I/PT Distributor          | DSPIC33CH64MP206-I/PT Supplier                               |
| DSPIC33CH64MP206-I/PT Price                         | DSPIC33CH64MP206-I/PT Pictures             | DSPIC33CH64MP206-I/PT Image                                  |
| DSPIC33CH64MP206-I/PT PDF Datasheet                 | DSPIC33CH64MP206-I/PT Download Datasheet   | DSPIC33CH64MP206-I/PT Datasheet                              |
| DSPIC33CH64MP206-I/PT Stock                         | Buy DSPIC33CH64MP206-I/PT                  | Buy Micrel / Microchip Technology DSPIC33CH64MP206-I/PT      |
| Micrel / Microchip Technology DSPIC33CH64MP206-I/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33CH64MP206-I/PT | Microchip Technology DSPIC33CH64MP206-I/PT | Roving Networks / Microchip Technology DSPIC33CH64MP206-I/PT |

### Related Products

|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 17349 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33CH64MP208-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 15269 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 17537 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33CH64MP205-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 23869 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 16924 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33CH64MP205T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 26182 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div>DSPIC33CH64MP206-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 19017 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33CH64MP206T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 17858 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33CH64MP502-E/2N</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 21170 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>DSPIC33CH64MP208T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 24342 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33CH64MP205-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 20259 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>DSPIC33CH64MP208-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: 16 BIT DSC, DUAL CORE, 64K FLASH</div> <div>In stock: 17317 pcs</div> <div>RFQ</div>  |