

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33CK256MP205-I/PT

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK256MP205-I/PT           |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 256KB FLASH, 24KB RA |
| Datasheets:         |                                  |
| Stock Condition     | 27424 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

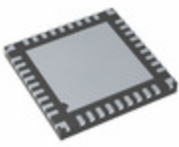
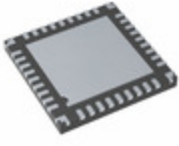
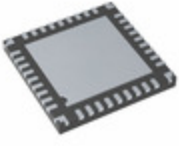
Specifications of DSPIC33CK256MP205-I/PT

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK256MP205-I/PT                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                           |
| DESCRIPTION                      | 16 BIT DSC, 256KB FLASH, 24KB RA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                         |
| QUANTITY AVAILABLE               | 27424 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                           |
| SPEED                            | 100MHz                                                                                  |
| SERIES                           | dsPIC™ 33CK                                                                             |
| RAM SIZE                         | 24K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                      |
| PACKAGING                        | Tray                                                                                    |
| PACKAGE / CASE                   | 48-TQFP                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 39                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| EEPROM SIZE                      | -                                                                                       |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 256KB (256K x 8) FLASH 48-TQFP (7x7) |
| DATA CONVERTERS                  | A/D 19x12b, D/A 3x12b                                                                   |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | dsPIC                                                                                   |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                      |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CK256MP205-I/PT | DSPIC33CK256MP205-I/PT Distributor          | DSPIC33CK256MP205-I/PT Supplier                               |
| DSPIC33CK256MP205-I/PT Price                         | DSPIC33CK256MP205-I/PT Pictures             | DSPIC33CK256MP205-I/PT Image                                  |
| DSPIC33CK256MP205-I/PT PDF Datasheet                 | DSPIC33CK256MP205-I/PT Download Datasheet   | DSPIC33CK256MP205-I/PT Datasheet                              |
| DSPIC33CK256MP205-I/PT Stock                         | Buy DSPIC33CK256MP205-I/PT                  | Buy Micrel / Microchip Technology DSPIC33CK256MP205-I/PT      |
| Micrel / Microchip Technology DSPIC33CK256MP205-I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33CK256MP205-I/PT | Microchip Technology DSPIC33CK256MP205-I/PT | Roving Networks / Microchip Technology DSPIC33CK256MP205-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>DSPIC33CK256MP203-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 24138 pcs<br/><div>RFQ</div></div>          | <div>MICROCHIP</div> <div><b>DSPIC33CK256MP206-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 20951 pcs<br/><div>RFQ</div></div>  |
| <div>MICROCHIP</div> <div><b>DSPIC33CK256MP206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 20824 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33CK256MP202T-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 23856 pcs<br/><div>RFQ</div></div>          |
| <div>MICROCHIP</div> <div><b>DSPIC33CK256MP206-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 19615 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33CK256MP205T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 27034 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>DSPIC33CK256MP202T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 29323 pcs<br/><div>RFQ</div></div>         | <div>MICROCHIP</div> <div><b>DSPIC33CK256MP206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 22886 pcs<br/><div>RFQ</div></div> |
| <div>MICROCHIP</div> <div><b>DSPIC33CK256MP206-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 23903 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33CK256MP205-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 19691 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>DSPIC33CK256MP203-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 27592 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>DSPIC33CK256MP203T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 256KB FLASH, 24KB RA<br/>In stock: 35254 pcs<br/><div>RFQ</div></div>          |