



Micrel / Microchip Technology

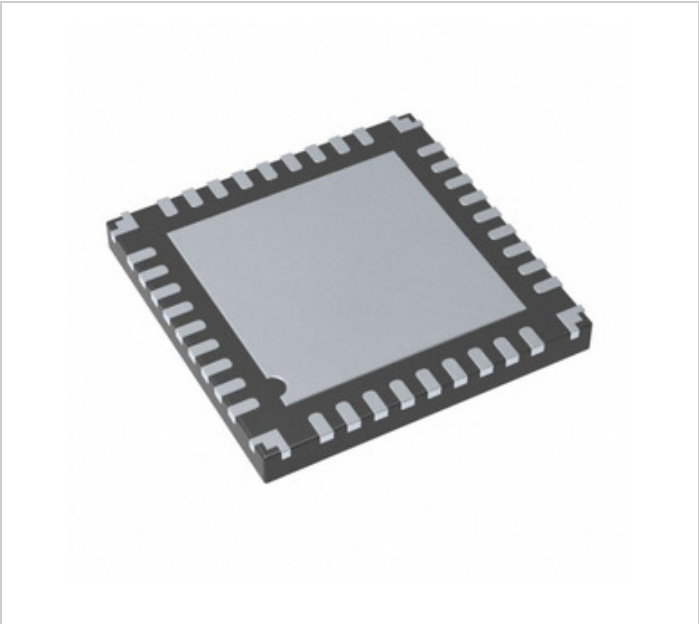


Image may be representation. See specifications for product details.

DSPIC33CK128MP503-I/M5

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK128MP503-I/M5           |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 128KB FLASH, 16KB RA |
| Datasheets:         |                                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

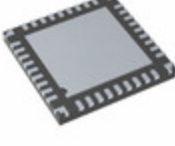
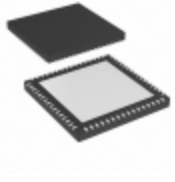
Specifications of DSPIC33CK128MP503-I/M5

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK128MP503-I/M5                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                           |
| DESCRIPTION                      | 16 BIT DSC, 128KB FLASH, 16KB RA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                         |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 36-UQFN (5x5)                                                                           |
| SPEED                            | 100MHz                                                                                  |
| SERIES                           | dsPIC™ 33CK                                                                             |
| RAM SIZE                         | 16K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                      |
| PACKAGING                        | Tube                                                                                    |
| PACKAGE / CASE                   | 36-UFQFN Exposed Pad                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 29                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                |
| EEPROM SIZE                      | -                                                                                       |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 128KB (128K x 8) FLASH 36-UQFN (5x5) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 3x12b                                                                   |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | dsPIC                                                                                   |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CK128MP503-I/M5 | DSPIC33CK128MP503-I/M5 Distributor          | DSPIC33CK128MP503-I/M5 Supplier                               |
| DSPIC33CK128MP503-I/M5 Price                         | DSPIC33CK128MP503-I/M5 Pictures             | DSPIC33CK128MP503-I/M5 Image                                  |
| DSPIC33CK128MP503-I/M5 PDF Datasheet                 | DSPIC33CK128MP503-I/M5 Download Datasheet   | DSPIC33CK128MP503-I/M5 Datasheet                              |
| DSPIC33CK128MP503-I/M5 Stock                         | Buy DSPIC33CK128MP503-I/M5                  | Buy Micrel / Microchip Technology DSPIC33CK128MP503-I/M5      |
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| Micrel / Microchip Technology DSPIC33CK128MP503-I/M5 | Microchip Technology DSPIC33CK128MP503-I/M5 | Roving Networks / Microchip Technology DSPIC33CK128MP503-I/M5 |

Related Products

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| <div></div> <div><b>DSPIC33CK128MP506-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 480 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>DSPIC33CK128MP502T-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33CK128MP502-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33CK128MP503T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>DSPIC33CK128MP505-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33CK128MP503-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33CK128MP505T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC33CK128MP506-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 600 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>DSPIC33CK128MP502-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC33CK128MP502-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC33CK128MP505-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 750 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>DSPIC33CK128MP502T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: Out stock<br/><div>RFQ</div></div> |