

MICROCHIP

Micrel / Microchip Technology

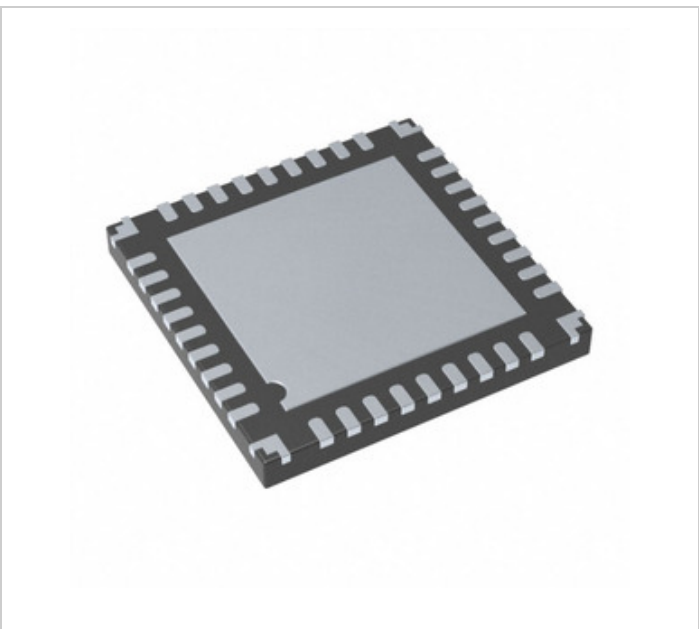


Image may be representation. See specifications for product details.

## DSPIC33CK32MP503-I/M5

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK32MP503-I/M5            |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 32KB FLASH, 8KB RAM, |
| Datasheets:         |                                  |
| Stock Condition     | 34480 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

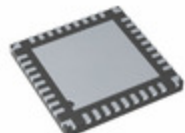
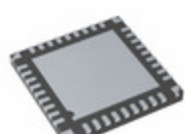
### Specifications of DSPIC33CK32MP503-I/M5

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK32MP503-I/M5                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                         |
| DESCRIPTION                      | 16 BIT DSC, 32KB FLASH, 8KB RAM,                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| QUANTITY AVAILABLE               | 34480 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 36-UQFN (5x5)                                                                         |
| SPEED                            | 100MHz                                                                                |
| SERIES                           | dsPIC™ 33CK                                                                           |
| RAM SIZE                         | 8K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 32KB (32K 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)                                                                         |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 32KB (32K 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 DSPIC33CK32MP503-I/M5 | DSPIC33CK32MP503-I/M5 Distributor          | DSPIC33CK32MP503-I/M5 Supplier                               |
| DSPIC33CK32MP503-I/M5 Price                         | DSPIC33CK32MP503-I/M5 Pictures             | DSPIC33CK32MP503-I/M5 Image                                  |
| DSPIC33CK32MP503-I/M5 PDF Datasheet                 | DSPIC33CK32MP503-I/M5 Download Datasheet   | DSPIC33CK32MP503-I/M5 Datasheet                              |
| DSPIC33CK32MP503-I/M5 Stock                         | Buy DSPIC33CK32MP503-I/M5                  | Buy Micrel / Microchip Technology DSPIC33CK32MP503-I/M5      |
| Micrel / Microchip Technology DSPIC33CK32MP503-I/M5 | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33CK32MP503-I/M5 | Microchip Technology DSPIC33CK32MP503-I/M5 | Roving Networks / Microchip Technology DSPIC33CK32MP503-I/M5 |

### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33CK32MP502T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 39233 pcs<br/>RFQ</div> |  <div><b>DSPIC33CK32MP505T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 32798 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33CK32MP505-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 27792 pcs<br/>RFQ</div>  |  <div><b>DSPIC33CK32MP506-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 26063 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33CK32MP505-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 26062 pcs<br/>RFQ</div>  |  <div><b>DSPIC33CK32MP502T-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 41281 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33CK32MP503T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 37204 pcs<br/>RFQ</div> |  <div><b>DSPIC33CK32MP506-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 27223 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33CK32MP503-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 29939 pcs<br/>RFQ</div>  |  <div><b>DSPIC33CK32MP502-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 27401 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33CK32MP502-I/2N</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 34202 pcs<br/>RFQ</div>  |  <div><b>DSPIC33CK32MP502-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,<br/>In stock: 32910 pcs<br/>RFQ</div>  |