

MICROCHIP

Micrel / Microchip Technology

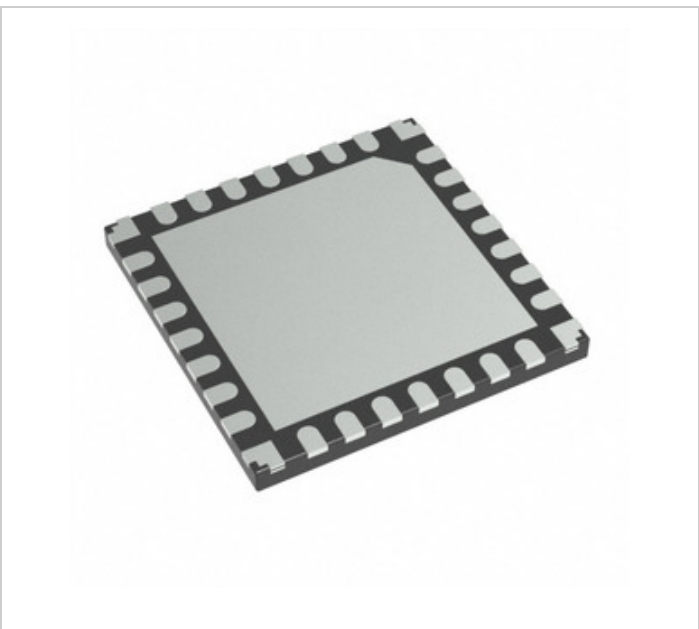


Image may be representation. See specifications for product details.

DSPIC33CK128MP502-E/2N

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK128MP502-E/2N           |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 128KB FLASH, 16KB RA |
| Datasheets:         |                                  |
| Stock Condition     | 21089 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

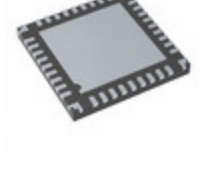
Specifications of DSPIC33CK128MP502-E/2N

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK128MP502-E/2N                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                 |
| DESCRIPTION                      | 16 BIT DSC, 128KB FLASH, 16KB RA                                                                              |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                               |
| QUANTITY AVAILABLE               | 21089 pcs                                                                                                     |
| DATA SHEET                       |                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 28-UQFN (6x6)                                                                                                 |
| SPEED                            | 100MHz                                                                                                        |
| SERIES                           | Automotive, AEC-Q100, 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                   | 28-UQFN Exposed Pad                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                            |
| NUMBER OF I/O                    | 21                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                 |
| EEPROM SIZE                      | -                                                                                                             |
| DETAILED DESCRIPTION             | dsPIC Automotive, AEC-Q100, dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 128KB (128K x 8) FLASH 28-UQFN (6x6) |
| DATA CONVERTERS                  | A/D 12x12b, D/A 3x12b                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                        |
| CORE PROCESSOR                   | dsPIC                                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                    |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CK128MP502-E/2N | DSPIC33CK128MP502-E/2N Distributor          | DSPIC33CK128MP502-E/2N Supplier                               |
| DSPIC33CK128MP502-E/2N Price                         | DSPIC33CK128MP502-E/2N Pictures             | DSPIC33CK128MP502-E/2N Image                                  |
| DSPIC33CK128MP502-E/2N PDF Datasheet                 | DSPIC33CK128MP502-E/2N Download Datasheet   | DSPIC33CK128MP502-E/2N Datasheet                              |
| DSPIC33CK128MP502-E/2N Stock                         | Buy DSPIC33CK128MP502-E/2N                  | Buy Micrel / Microchip Technology DSPIC33CK128MP502-E/2N      |
| Micrel / Microchip Technology DSPIC33CK128MP502-E/2N | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33CK128MP502-E/2N | Microchip Technology DSPIC33CK128MP502-E/2N | Roving Networks / Microchip Technology DSPIC33CK128MP502-E/2N |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DSPIC33CK128MP208-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 22679 pcs<br/>RFQ</div>  | <div></div> <div><b>DSPIC33CK128MP206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 23427 pcs<br/>RFQ</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: 28756 pcs<br/>RFQ</div> | <div></div> <div><b>DSPIC33CK128MP208T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 28948 pcs<br/>RFQ</div> |
| <div></div> <div><b>DSPIC33CK128MP208-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 22111 pcs<br/>RFQ</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: 24433 pcs<br/>RFQ</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: 27591 pcs<br/>RFQ</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: 34910 pcs<br/>RFQ</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: 29790 pcs<br/>RFQ</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: 21439 pcs<br/>RFQ</div>  |
| <div></div> <div><b>DSPIC33CK128MP206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 24291 pcs<br/>RFQ</div> | <div></div> <div><b>DSPIC33CK128MP206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 128KB FLASH, 16KB RA<br/>In stock: 28512 pcs<br/>RFQ</div> |