



Micrel / Microchip Technology

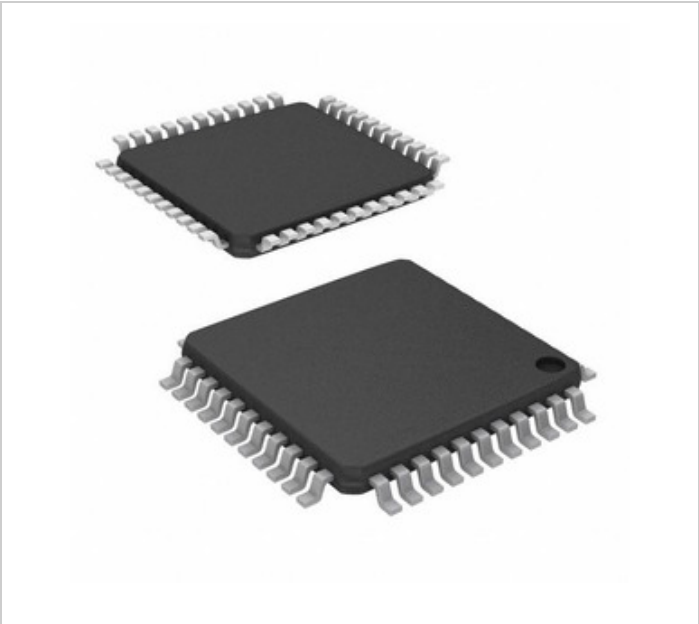


Image may be representation. See specifications for product details.

DSPIC33EP128GM304T-I/PT

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP128GM304T-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 128KB FLASH 44TQFP                                                                                 |
|                     |  1.DSPIC33EP128GM304T-I/PT.pdf |
|                     |  2.DSPIC33EP128GM304T-I/PT.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

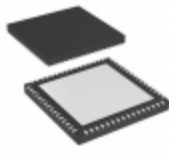
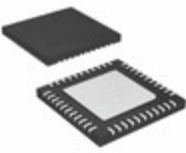
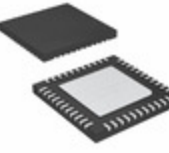
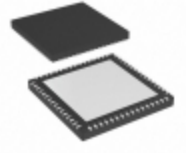
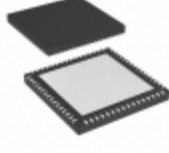
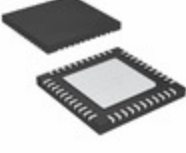
Specifications of DSPIC33EP128GM304T-I/PT

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP128GM304T-I/PT                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 44TQFP                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33EP128GM304T-I/PT.pdf<br> 2.DSPIC33EP128GM304T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                        |
| SPEED                            | 70 MIPs                                                                                                                                                                                                                                |
| SERIES                           | dsPIC™ 33EP                                                                                                                                                                                                                            |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (43K x 24)                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 128KB (43K x 24) FLASH 44-TQFP (10x10)                                                                                                                                             |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                                                                                                                                                |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP128GM304T-I/PT | DSPIC33EP128GM304T-I/PT Distributor          | DSPIC33EP128GM304T-I/PT Supplier                               |
| DSPIC33EP128GM304T-I/PT Price                         | DSPIC33EP128GM304T-I/PT Pictures             | DSPIC33EP128GM304T-I/PT Image                                  |
| DSPIC33EP128GM304T-I/PT PDF Datasheet                 | DSPIC33EP128GM304T-I/PT Download Datasheet   | DSPIC33EP128GM304T-I/PT Datasheet                              |
| DSPIC33EP128GM304T-I/PT Stock                         | Buy DSPIC33EP128GM304T-I/PT                  | Buy Micrel / Microchip Technology DSPIC33EP128GM304T-I/PT      |
| Micrel / Microchip Technology DSPIC33EP128GM304T-I/PT | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33EP128GM304T-I/PT | Microchip Technology DSPIC33EP128GM304T-I/PT | Roving Networks / Microchip Technology DSPIC33EP128GM304T-I/PT |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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|  <div><b>DSPIC33EP128GM306-H/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP128GM304-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP128GM306-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 178 pcs<br/><div>RFQ</div></div>   |  <div><b>DSPIC33EP128GM304-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 973 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33EP128GM304T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP128GM306-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP128GM304-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP128GM306-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP128GM306-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP128GM306-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP128GM304-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP128GM304-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 130 pcs<br/><div>RFQ</div></div>    |