

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | DSPIC33EP128GS702T-I/MM                                 |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 128KB FLASH 28VQFN                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2603 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V                                             |
| Supplier Device Package    | 28-QFN-S (6x6)                                          |
| Speed                      | 70 MIPS                                                 |
| Series                     | dsPIC™ 33EP                                             |
| RAM Size                   | 8K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 128KB (43K x 24)                                        |
| Peripherals                | Brown-out Detect/Reset, I²S, POR, PWM, WDT              |
| Packaging                  | Tape & Reel (TR)                                        |
| Package / Case             | 28-VQFN Exposed Pad                                     |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 20                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 11x12b, D/A 1x12b                                   |
| Core Size                  | 16-Bit                                                  |
| Core Processor             | dsPIC                                                   |
| Connectivity               | I²C, IrDA, LIN, SPI, UART/USART                         |

In:



**DSPIC33EP128GS704-E/ML**  
Microchip Technology  
IC MCU 16BIT 128KB FLASH  
44VQFN

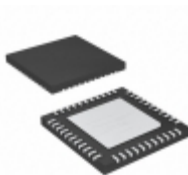


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**DSPIC33EP128GS704-I/PT**  
Microchip Technology  
IC MCU 16BIT 128KB FLASH  
44TQFP

 MICROCHIP

**DSPIC33EP128GS704-E/PT**  
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IC MCU 16BIT 128KB FLASH  
44TQFP



**DSPIC33EP128GS704-I/ML**  
Microchip Technology  
IC MCU 16BIT 128KB FLASH  
44VQFN



**DSPIC33EP128GS702T-I/SO**  
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IC MCU 16BIT 128KB FLASH  
28SOIC



**DSPIC33EP128GS702-E/SO**  
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IC MCU 16BIT 128KB FLASH  
28SOIC

More

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