

**DSPIC33EP128MC204-E/MV Information**


For Reference Only

**Part Number** [DSPIC33EP128MC204-E/MV](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 128KB FLASH 48UQFN  
**Package** 48-UFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**DSPIC33EP128MC204-E/MV Specifications**

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">DSPIC33EP128MC204-E/MV</a>                                   |
| Manufacturer               | Microchip Technology                                                     |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 48-UFQFN Exposed Pad                                                     |
| Series                     | dsPIC? 33EP                                                              |
| Core Processor             | dsPIC                                                                    |
| Core Size                  | 16-Bit                                                                   |
| Speed                      | 60 MIPS                                                                  |
| Connectivity               | I2C, IrDA, LIN, QEI, SPI, UART/USART                                     |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT            |
| Number of I/O              | 35                                                                       |
| Program Memory Size        | 128KB (43K x 24)                                                         |
| Program Memory Type        | FLASH                                                                    |
| EEPROM Size                | -                                                                        |
| RAM Size                   | 8K x 16                                                                  |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V                                                              |
| Data Converters            | A/D 9x10b/12b                                                            |
| Oscillator Type            | Internal                                                                 |
| Operating Temperature      | -40°C ~ 125°C (TA)                                                       |
| Mounting Type              | -                                                                        |
| Package / Case             | 48-UFQFN Exposed Pad                                                     |
| Supplier Device Package    | 48-UQFN (6x6)                                                            |

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## DSPIC33EP128MC204-E/MV Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## DSPIC33EP128MC204-E/MV Payment Methods



## DSPIC33EP128MC204-E/MV Shipping Methods



If you have any question about DSPIC33EP128MC204-E/MV, please do not hesitate to contact us!

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