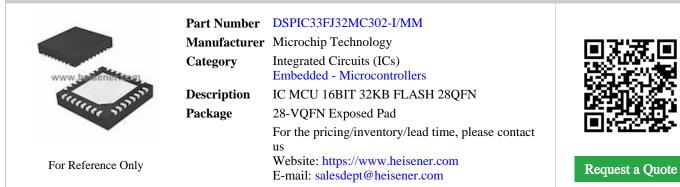


# DSPIC33FJ32MC302-I/MM

#### DSPIC33FJ32MC302-I/MM Information



## **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.



### DSPIC33FJ32MC302-I/MM Specifications

| Manufacturer Part Number   | DSPIC33FJ32MC302-I/MM  |
|----------------------------|--|
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)  |
|                            | Embedded - Microcontrollers  |
| Package                    | 28-VQFN Exposed Pad  |
| Series                     | dsPIC? 33F   |
| Core Processor             | dsPIC  |
| Core Size                  | 16-Bit   |
| Speed                      | 40 MIPs  |
| Connectivity               | I2C, IrDA, LIN, SPI, UART/USART                                    |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDT |
| Number of I/O              | 21   |
| Program Memory Size        | 32KB (32K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 4K x 8   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V  |
| Data Converters            | A/D 6x10b/12b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$         |
| Mounting Type              | -  |
| Package / Case             | 28-VQFN Exposed Pad  |
| Supplier Device Package    | 28-QFN-S (6x6)   |
|                            | Report errors?   |

### DSPIC33FJ32MC302-I/MM 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.

#### DSPIC33FJ32MC302-I/MM Payment Methods



If you have any question about DSPIC33FJ32MC302-I/MM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com