

**DSPIC33CK256MP502-E/2N Information**


For Reference Only

**Part Number** [DSPIC33CK256MP502-E/2N](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 16 BIT DSC, 256KB FLASH, 24KB RA  
**Package** 28-UQFN 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.


**DSPIC33CK256MP502-E/2N Specifications**

Manufacturer Part Number	<a href="#">DSPIC33CK256MP502-E/2N</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	28-UQFN Exposed Pad
Series	Automotive, AEC-Q100, dsPIC™ 33CK
Core Processor	dsPIC
Core Size	16-Bit
Speed	100MHz
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT
Number of I/O	21
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	24K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 12x12b, D/A 3x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	28-UQFN Exposed Pad
Supplier Device Package	28-UQFN (6x6)

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## DSPIC33CK256MP502-E/2N 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.

## DSPIC33CK256MP502-E/2N Payment Methods



## DSPIC33CK256MP502-E/2N Shipping Methods



If you have any question about DSPIC33CK256MP502-E/2N, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)