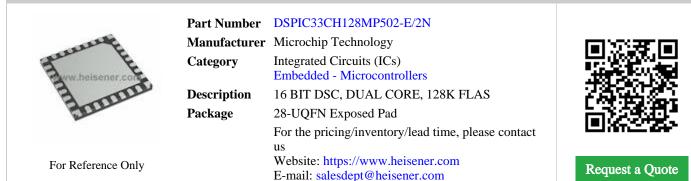


# DSPIC33CH128MP502-E/2N

### DSPIC33CH128MP502-E/2N 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.



# DSPIC33CH128MP502-E/2N Specifications

Manufacturer Part Number	DSPIC33CH128MP502-E/2N
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	28-UQFN Exposed Pad
Series	dsPIC <sup>TM</sup> 33CH
Core Processor	dsPIC
Core Size	16-Bit Dual-Core
Speed	180MHz, 200MHz
Connectivity	CANbus, I2C, 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	152KB (152K x 8)
Program Memory Type	FLASH/PRAM
EEPROM Size	-
RAM Size	20K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 23x12b, D/A 4x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	28-UQFN Exposed Pad
Supplier Device Package	28-UQFN (6x6)
	Report errors?

# DSPIC33CH128MP502-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.

# DSPIC33CH128MP502-E/2N Payment Methods



If you have any question about DSPIC33CH128MP502-E/2N, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com