

DSPIC33CH512MP506-E/PT Information


For Reference Only

Part Number [DSPIC33CH512MP506-E/PT](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 584KB FLASH 64TQFP
Package 64-TQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


DSPIC33CH512MP506-E/PT Specifications

Manufacturer Part Number	DSPIC33CH512MP506-E/PT
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-TQFP
Series	dsPIC™ 33CH
Core Processor	dsPIC
Core Size	16-Bit Dual-Core
Speed	180MHz, 200MHz
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT
Number of I/O	53
Program Memory Size	584kB (584k x 8)
Program Memory Type	FLASH, PRAM
EEPROM Size	-
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V
Data Converters	A/D 34x12b; D/A 4x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (10x10)

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DSPIC33CH512MP506-E/PT 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.

DSPIC33CH512MP506-E/PT Payment Methods



DSPIC33CH512MP506-E/PT Shipping Methods



If you have any question about DSPIC33CH512MP506-E/PT, please do not hesitate to contact us!

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