

DSPIC33CH512MP506-E/MR Information


For Reference Only

Part Number [DSPIC33CH512MP506-E/MR](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 584KB FLASH 64QFN
Package 64-VFQFN Exposed Pad
 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/MR Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | DSPIC33CH512MP506-E/MR |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 64-VFQFN Exposed Pad |
| Series | dsPIC™ 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 | 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-VFQFN Exposed Pad |
| Supplier Device Package | 64-QFN (9x9) |

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DSPIC33CH512MP506-E/MR 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/MR Payment Methods



DSPIC33CH512MP506-E/MR Shipping Methods



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

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