

DSPIC33EP512GP502-E/SO Information


For Reference Only

Part Number [DSPIC33EP512GP502-E/SO](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 512KB FLASH 28SOIC
Package 28-SOIC (0.295", 7.50mm Width)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


DSPIC33EP512GP502-E/SO Specifications

Manufacturer Part Number	DSPIC33EP512GP502-E/SO
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	28-SOIC (0.295", 7.50mm Width)
Series	dsPIC [®] 33EP
Core Processor	dsPIC
Core Size	16-Bit
Speed	60 MIPS
Connectivity	CAN, I2C, IrDA, LIN, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	21
Program Memory Size	512KB (170K x 24)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	24K x 16
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 6x10b/12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package	28-SOIC

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DSPIC33EP512GP502-E/SO 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.

DSPIC33EP512GP502-E/SO Payment Methods



DSPIC33EP512GP502-E/SO Shipping Methods



If you have any question about DSPIC33EP512GP502-E/SO, please do not hesitate to contact us!

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