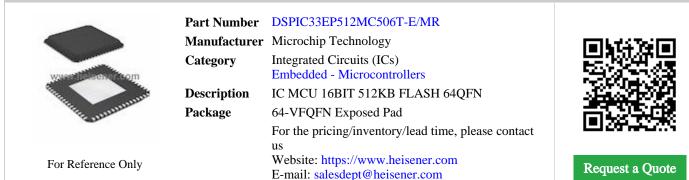


# DSPIC33EP512MC506T-E/MR

#### DSPIC33EP512MC506T-E/MR 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.



### DSPIC33EP512MC506T-E/MR Specifications

Manufacturer Part Number	DSPIC33EP512MC506T-E/MR	
Manufacturer	Microchip Technology	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	64-VFQFN Exposed Pad	
Series	dsPIC? 33EP	
Core Processor	dsPIC	
Core Size	16-Bit	
Speed	60 MIPs	
Connectivity	CAN, I2C, IrDA, LIN, QEI, SPI, UART/USART	
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	
Number of I/O	53	
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 16x10b/12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 125°C (TA)	
Mounting Type	-	
Package / Case	64-VFQFN Exposed Pad	
Supplier Device Package	64-QFN (9x9)	
		Report errors?

#### DSPIC33EP512MC506T-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.

# DSPIC33EP512MC506T-E/MR Payment Methods WIRE transfer PayPal Methods DSPIC33EP512MC506T-E/MR Shipping Methods MoneyGram COND TONO ON SUM

If you have any question about DSPIC33EP512MC506T-E/MR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com