

## DSPIC33EP512GM706-I/MR



### Microchip Technology

IC MCU 16BIT 512KB FLASH 64QFN  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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- [2.DSPIC33EP512GM706-I/MR.pdf](#)

**Buy Now**

**In Stock**  
**342 pcs**  
Minimum:1  
Multiples:100  
Manufacturer lead time 10 weeks

PRICE	
1 pcs	\$6.47
25 pcs	\$5.933
100 pcs	\$5.377

part#DSPIC33EP512GM706-I/MR is available, see description of DSPIC33EP512GM706-I/MR as below .

use the request quote form to request DSPIC33EP512GM706-I/MR price and lead time.

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### Specifications

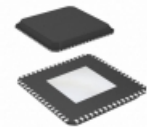
<b>Voltage - Supply (Vcc/Vdd):</b>	3 V ~ 3.6 V
<b>Supplier Device Package:</b>	64-QFN (9x9)
<b>Speed:</b>	70 MIPS
<b>Series:</b>	dsPIC™ 33EP
<b>RAM Size:</b>	48K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (170K x 24)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, POR, PWM, WDT
<b>Packaging:</b>	Tube
<b>Package / Case:</b>	64-VFQFN Exposed Pad
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	53
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 30x10b/12b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	dsPIC
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART

### Related products



**DSPIC33EP512GM706-H/PT**  
IC MCU 16BIT 512KB FLASH 64TQFP  
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RFQ



**DSPIC33EP512GM706T-I/MR**  
IC MCU 16BIT 512KB FLASH 64QFN  
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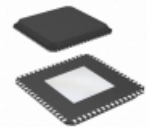
**DSPIC33EP512GM706-I/PT**  
IC MCU 16BIT 512KB FLASH 64TQFP  
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RFQ



**DSPIC33EP512GM604T-I/PT**  
IC MCU 16BIT 512KB FLASH 44TQFP  
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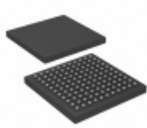
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IC MCU 16BIT 512KB FLASH 64TQFP  
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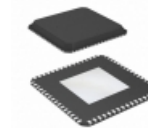
**DSPIC33EP512GM710-E/BG**  
IC MCU 16BIT 512KB FLASH 121BGA  
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**DSPIC33EP512GM710-E/PF**  
IC MCU 16BIT 512KB FLASH 100TQFP  
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### Guess You May Looking For



**VND5E012AY-E**  
IC DVR SW HI SIDE 2CH POWERSO36  
[STMicroelectronics](#)

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**TPS3110E15DBVR**  
IC SUPERVISORY CIRCUIT SOT-23-6  
[Texas Instruments](#)

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**S-80141BNMC-JG2T2U**  
IC VOLT DETECTOR 4.1V SOT23-5  
[SII Semiconductor Corporation](#)

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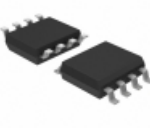
**XC6121A739ER-G**  
IC WATCHDOG TIMER 6-USP  
[Torex Semiconductor Ltd](#)

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**MAX6865UK39D5S+T**  
IC MPU SUPERVISOR SOT23-5  
[Maxim Integrated](#)

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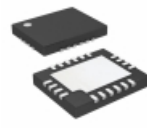
**LM4140CCMX-4.1/NOPB**  
IC VREF SERIES 4.096V 8SOIC  
[Texas Instruments](#)

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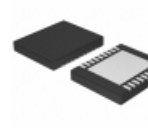
**ADR430ARMZ-REEL7**  
IC VREF SERIES 2.048V 8MSOP  
[Analog Devices Inc.](#)

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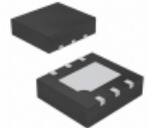
**LT3579IUFD#TRPBF**  
IC REG MULT CONFIG INV ADJ 20QFN  
[Linear Technology](#)

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**CS51413GMNR2G**  
IC REG BUCK ADJ 1.5A 18DFN  
[ON Semiconductor](#)

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**MP6401DGT-25AD3-LF-Z**  
IC REG LDO 2.5V 0.3A  
[Monolithic Power Systems Inc.](#)

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