

DSPIC33EP512MC806T-E/MR



Part Number: [DSPIC33EP512MC806T-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 64QFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(MU,GU\)8xx Datasheet](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC33EPxxx\(GP,Mx\)8xx, PIC24EPxxxGx81x Errata](#)

RoHs Status: Lead free / RoHS Compliant

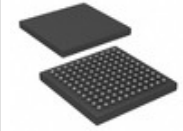
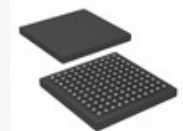
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PRODUCT PARAMETER			
Part Number	DSPIC33EP512MC806T-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4892 pcs	Data sheet	dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet 16-bit Embedded Control Solutions dsPIC33EPxxx(GP,Mx)8xx, PIC24EPxxxGx81x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	60 MIPs
Series	dsPIC™ 33EP	RAM Size	24K x 16
Program Memory Type	FLASH	Program Memory Size	512KB (170K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 512KB (170K x 24) FLASH 64-QFN (9x9)
Data Converters	A/D 24x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP512MC806		
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	Part#: DSPIC33EP512MC806T-I/PT Description: IC MCU 16BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MC806-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP512MC806T-E/MR

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