

DSPIC33EP256GM304-H/ML





Part Number: [DSPIC33EP256GM304-H/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 44QFN

Data sheet:  [dsPIC33EPyyyGM3yy,6yy,7yy](#)
 [dsPIC33EPyyyGM3,6,7 Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

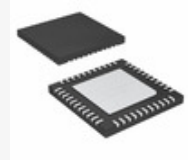
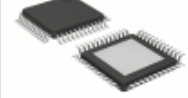
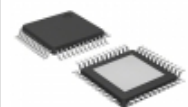
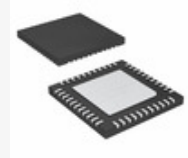
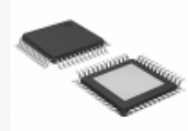
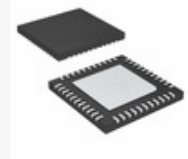
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP256GM304-H/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5851 pcs	Data sheet	dsPIC33EPyyyGM3yy,6yy,7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) -	
Supplier Device Package	44-QFN (8x8)	Speed	-
Series	dsPIC™ 33EP	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 150°C (TA)	Number of I/O	35
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 256KB (85.5K x 24) FLASH 44-QFN (8x8)
Data Converters	A/D 18x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP256GM304		
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RELATED PRODUCTS			
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	Part#: DSPIC33EP16GS505T-E/PT Description: IC MCU 16BIT 16KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM304-I/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM306-I/PT Description: IC MCU 16BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP256GM304-H/ML

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