

DSPIC33EP512GM304T-I/PT





Part Number: [DSPIC33EP512GM304T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 44TQFP

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

RoHs Status: Lead free / RoHS Compliant

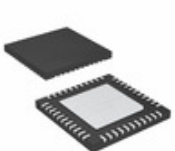
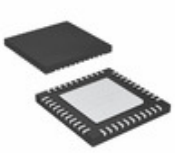
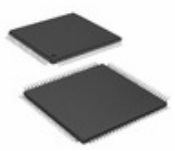
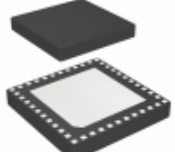
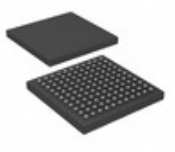
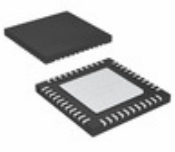
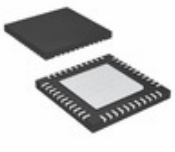
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PRODUCT PARAMETER			
Part Number	DSPIC33EP512GM304T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5847 pcs	Data sheet	dsPIC33EPyyyGM3yy,6yy,7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Supplier Device Package	44-TQFP (10x10)
Speed	70 MIPs	Series	dsPIC™ 33EP
RAM Size	48K x 8	Program Memory Type	FLASH
Program Memory Size	512KB (170K x 24)	Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT
Packaging	Tape & Reel (TR)	Package / Case	44-TQFP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 512KB (170K x 24) FLASH 44-TQFP (10x10)	Data Converters	A/D 18x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I ² C, IrDA, LINbus, QEI, SPI, UART/USART		
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	Part#: DSPIC33EP512GM306-H/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC504T-I/PT Description: IC MCU 16BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP512GM304T-I/PT			
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