

DSPIC33EP512GM310-E/PF





Part Number: DSPIC33EP512GM310-E/PF

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 512KB FLASH 100TQFP

Data sheet:  dsPIC33EPyyyGM3yy,6yy,7yy
 dsPIC33EPyyyGM3,6,7 Family Errata

RoHs Status: Lead free / RoHS Compliant

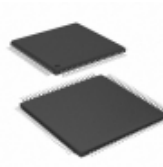
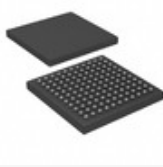
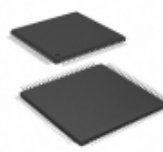
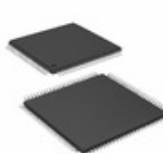
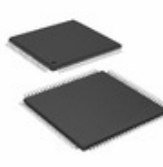
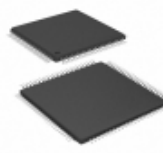
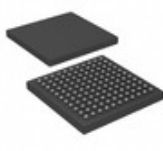
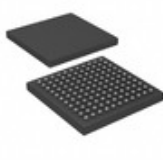
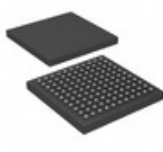
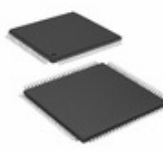
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP512GM310-E/PF	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17081 pcs	Data sheet	dsPIC33EPyyyGM3yy,6yy,7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	60 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, I²S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	85
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
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 100-TQFP (14x14)	Data Converters	A/D 49x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP512GM310
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	Part#: DSPIC33EP512GM306-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512GM310-I/BG Description: IC MCU 16BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512GM306T-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512GM310T-I/BG Description: IC MCU 16BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP512GM310-E/PF

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