

Specifications	
Part Number	DSPIC33EP512GM310T-I/PF
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 100TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2557 pcs Stock
Supplier Device Package	100-TQFP (14x14)
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, I²S, Motor Control PWM,
Packaging	Tape & Reel (TR)
Package / Case	100-TQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	85
EEPROM Size	-
Data Converters	A/D 49x10b/12b
Core Size	16-Bit
Core Processor	dsPIC
Connectivity	I²C, IrDA, LIN, QEI, SPI, UART/USART

In: DSPIC33EP512GM604-E/ML Microchip Technology IC MCU 16BIT 512KB FLASH 44QFN	DSPIC33EP512GM310-I/PF Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	DSPIC33EP512GM310T-I/BG Microchip Technology IC MCU 16BIT 512KB FLASH 121BGA	DSPIC33EP512GM310-I/BG Microchip Technology IC MCU 16BIT 512KB FLASH 121BGA
DSPIC33EP512GM604-E/PT Microchip Technology IC MCU 16BIT 512KB FLASH 44TQFP	DSPIC33EP512GM310-I/PT Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	DSPIC33EP512GM310-H/PT Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP	DSPIC33EP512GM310T-I/PT Microchip Technology IC MCU 16BIT 512KB FLASH 100TQFP

DSPIC33EP512GM310T-I/PF Micrel / Microchip Technology	DSPIC33EP512GM310T-I/PF Data Sheet	DSPIC33EP512GM310T-I/PF Datasheets	DSPIC33EP512GM310T-I/PF PDF	Micrel / Microchip Technology DSPIC33EP512GM310T-I/PF
DSPIC33EP512GM310T-I/PF Electronic Components	DSPIC33EP512GM310T-I/PF	DSPIC33EP512GM310T-I/PF Distributor	DSPIC33EP512GM310T-I/PF Image DSPIC33EP512GM310T-I/PF Price	DSPIC33EP512GM310T-I/PF Part DSPIC33EP512GM310T-I/PF Manufacturer
DSPIC33EP512GM310T-I/PF Picture	DSPIC33EP512GM310T-I/PF Stock	DSPIC33EP512GM310T-I/PF Inventory	DSPIC33EP512GM310T-I/PF New	DSPIC33EP512GM310T-I/PF Original
DSPIC33EP512GM310T-I/PF Warranted	DSPIC33EP512GM310T-I/PF RFQ	DSPIC33EP512GM310T-I/PF Order Online		