

DSPIC33FJ256MC510-I/PF



Part Number:

DSPIC33FJ256MC510-I/PF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 256KB FLASH 100TQFP

Data sheet:

 [DSPIC33F, PIC24H Flash Programming](#)

 [16-bit Embedded Control Solutions](#)

 [dsPIC33FJzzzMC Family Errata](#)

 [DSPIC33FJzzzMCx06,x08,x10 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

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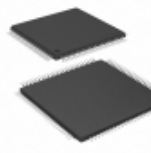
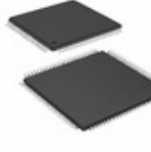
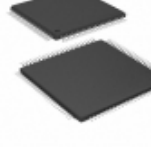
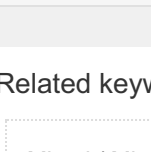
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ256MC510-I/PF	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15129 pcs	Data sheet	DSPIC33F, PIC24H Flash Programming Specification 16-bit Embedded Control Solutions dsPIC33FJzzzMC Family Errata DSPIC33FJzzzMCx06,x08,x10 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	40 MIPs
Series	dsPIC™ 33F	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Packaging	Tray
Package / Case	100-TQFP	Other Names	DSPIC33FJ256MC510IPF
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	85	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 256KB (256K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 24x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ256MC510		
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