

DSPIC33FJ64MC506T-I/PT



Part Number: [DSPIC33FJ64MC506T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 64TQFP

Data sheet:  [DSPIC33F, PIC24H Flash Programming](#)
 [Secure Embedded Control Solutions](#)
 [dsPIC33F Family](#)
 [dsPIC33FJzzzMC Family Errata](#)
 [DSPIC33F Product Overview](#)
 [DSPIC33FJzzzMCx06,x08,x10 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

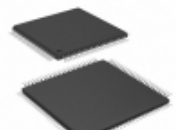
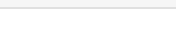
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ64MC506T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19412 pcs	Data sheet	DSPIC33F, PIC24H Flash Programming Secure Embedded Control Solutions dsPIC33F Family dsPIC33FJzzzMC Family Errata DSPIC33F Product Overview DSPIC33FJzzzMCx06,x08,x10 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	40 MIPs
Series	dsPIC™ 33F	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	53
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 64KB (64K x 8) FLASH 64-TQFP (10x10)	Data Converters	A/D 16x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33FJ64MC506
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RELATED PRODUCTS			
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	Part#: DSPIC33FJ64MC510A-E/PT Description: IC MCU 16BIT 64KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ64MC506-I/PT Description: IC MCU 16BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33FJ64MC506T-I/PT

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