

DSPIC33FJ256GP506-I/PT



Part Number: [DSPIC33FJ256GP506-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 64TQFP

Data sheet:  [16-bit Embedded Control Solutions](#)
 [dsPIC33FJzzzGP Family Silicon Errata](#)
 [DSPIC33FJzzzGPx06/x08/x10 Data Sheet](#)
 [DSPIC33F Product Overview](#)

RoHs Status: Lead free / RoHS Compliant

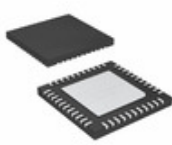
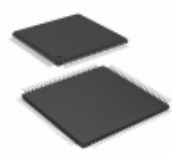
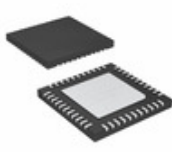
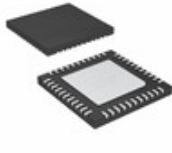
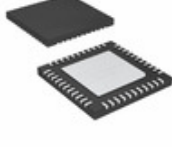
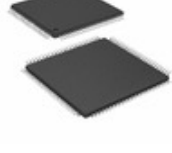
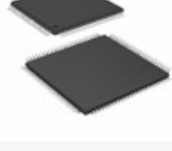
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ256GP506-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16744 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC33FJzzzGP Family Silicon Errata DSPIC33FJzzzGPx06/x08/x10 Data Sheet DSPIC33F Product Overview
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	16K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	DSPIC33FJ256GP506IPT
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 256KB (256K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 18x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ256GP506		
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	Part#: DSPIC33FJ16MC304-H/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16MC102T-I/SS Description: IC MCU 16BIT 16KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP506AT-I/MR Description: IC MCU 16BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ256GP510A-E/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for **DSPIC33FJ256GP506-I/PT**

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