

DSPIC33FJ256GP506A-E/MR



Part Number: [DSPIC33FJ256GP506A-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 64QFN

Data sheet:  [dsPIC33FJ256GPx\(06,08,10\)A Errata](#)
 [16-bit Embedded Control Solutions](#)
 [DSPIC33FJyyyGPy06/08/10A](#)
 [DSPIC33F Product Overview](#)

RoHs Status: Lead free / RoHS Compliant

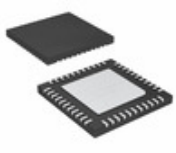
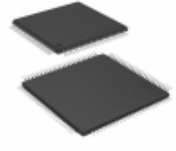
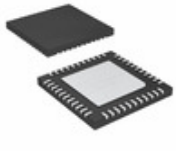
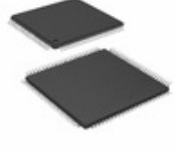
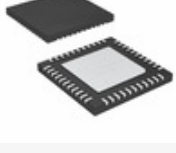
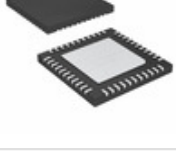
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ256GP506A-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18122 pcs	Data sheet	dsPIC33FJ256GPx(06,08,10)A Errata 16-bit Embedded Control Solutions DSPIC33FJyyyGPy06/08/10A DSPIC33F Product Overview
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	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, I ² S, POR, PWM, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 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-QFN (9x9)	Data Converters	A/D 18x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33FJ256GP506A
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RELATED PRODUCTS			
	Part#: DSPIC33FJ16MC304T-I/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16MC304T-I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP510A-E/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16MC102T-I/SS Description: IC MCU 16BIT 16KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16MC304-E/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP506AT-I/MR Description: IC MCU 16BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP510A-E/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP510-I/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ256GP506A-E/PT Description: IC MCU 16BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ256GP510-I/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16MC304-E/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16MC304-H/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33FJ256GP506A-E/MR			
Micrel / Microchip Technology	DSPIC33FJ256GP506A-E/MR distributor	DSPIC33FJ256GP506A-E/MR supplier	DSPIC33FJ256GP506A-E/MR price
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