

DSPIC33FJ32GS406-E/MR



Part Number: [DSPIC33FJ32GS406-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 64QFN

Data sheet:  [16-bit Embedded Control Solutions](#)
 [dsPIC33FJ\(32,64\)GSx06,608,610 Errata & DataSheet C](#)
 [DSPIC33FJ\(32,64\)GS406/606/08/10 DataSheet](#)

RoHs Status: Lead free / RoHS Compliant

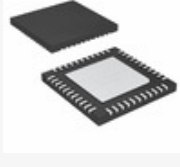
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ32GS406-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4414 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC33FJ(32,64)GSx06,608,610 Errata & DataSheet C DSPIC33FJ(32,64)GS406/606/08/10 DataSheet
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	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, QEI, 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	58
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 32KB (32K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 16x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I ² C, IrDA, LINbus, SCI, SPI, UART/USART, USB
Base Part Number	DSPIC33FJ32GS406		
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	Part#: DSPIC33FJ32GS606-E/MR Description: IC MCU 16BIT 32KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ32GP304-I/ML Description: IC MCU 16BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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