

DSPIC33FJ32GS406-I/MR



Part Number: [DSPIC33FJ32GS406-I/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

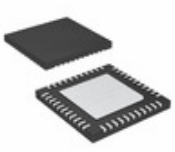
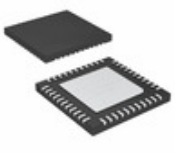
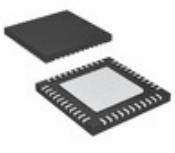
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ32GS406-I/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21916 pcs	Data sheet	16-bit Embedded 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	Other Names	DSPIC33FJ32GS406IMR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	58	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	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	I²C, IrDA, LINbus, SCI, SPI, UART/USART, USB
Base Part Number	DSPIC33FJ32GS406		
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