

DSPIC33FJ64MC508A-I/PT



Part Number: [DSPIC33FJ64MC508A-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 80TQFP

Data sheet:  [dsPIC33FJ\(64,128\)MCx\(06,08,10\)A Errata & Data Shee](#)
 [16-bit Embedded Control Solutions](#)
 [DSPIC33FJzzzMCX06/8/10A](#)

RoHs Status: Lead free / RoHS Compliant

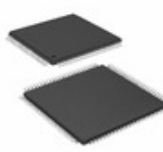
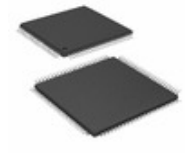
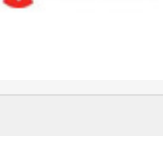
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ64MC508A-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21095 pcs	Data sheet	dsPIC33FJ(64,128)MCx(06,08,10)A Errata & Data Shee 16-bit Embedded Control Solutions DSPIC33FJzzzMCX06/8/10A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	80-TQFP (12x12)	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	Tray
Package / Case	80-TQFP	Other Names	DSPIC33FJ64MC508AIPT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	69	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 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 80-TQFP (12x12)
Data Converters	A/D 18x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ64MC508A		
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	Part#: DSPIC33FJ64MC506AT-I/PT Description: IC MCU 16BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ64MC506A-I/MR Description: IC MCU 16BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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