

DSPIC33FJ16GP101-I/SO



Part Number: [DSPIC33FJ16GP101-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 18SOIC

Data sheet:  [16-bit Embedded Control Solutions](#)
 [dSPIC33FJxx\(GP,MC\)10x](#)
 [dsPIC33F Programming Spec](#)
 [dsPICFJ16\(GP,MC\)101,102 Errata & Datasheet](#)
[Clarifi](#)

RoHs Status: Lead free / RoHS Compliant

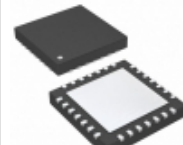
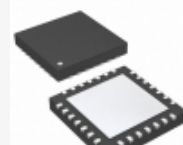
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ16GP101-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 18SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53873 pcs	Data sheet	16-bit Embedded Control Solutions dSPIC33FJxx(GP,MC)10x dsPIC33F Programming Spec dsPICFJ16(GP,MC)101,102 Errata & Datasheet Clarifi
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	18-SOIC	Speed	16 MIPs
Series	dsPIC™ 33F	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	18-SOIC (0.295", 7.50mm Width)	Other Names	DSPIC33FJ16GP101ISO
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	13	Moisture Sensitivity Level (MSL)	1 (Unlimited)
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 16 MIPs 16KB (16K x 8) FLASH 18-SOIC
Data Converters	A/D 4x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	PC, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ16GP101		
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	Part#: DSPIC33FJ12MC202-I/SS Description: IC MCU 16BIT 12KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GP102-E/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ12MC202T-I/SS Description: IC MCU 16BIT 12KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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