

DSPIC33FJ16GP101-E/SO



Part Number: [DSPIC33FJ16GP101-E/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

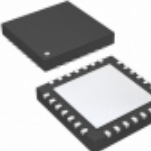
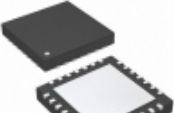
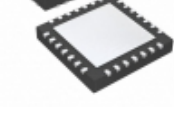
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ16GP101-E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 18SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4598 pcs	Data sheet	16-bit Embedded 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)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	13
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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	IPC, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ16GP101		
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RELATED PRODUCTS			
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	Part#: DSPIC33FJ16GP102-E/ML Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ12MC202-I/SS Description: IC MCU 16BIT 12KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ12MC202-I/SO Description: IC MCU 16BIT 12KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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