

DSPIC33EV256GM002-I/SO





Part Number: [DSPIC33EV256GM002-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 28SOIC

Data sheet:  [dsPIC33EVyyyGM00y/10y Prog Spec](#)
 [dsPIC33EVzxGM00x/10x Family Datasheet](#)
 [dsPIC33EVzzzGM00z/10z Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

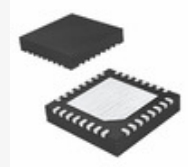
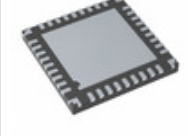
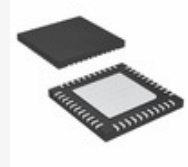
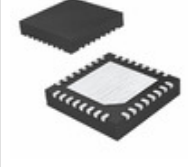
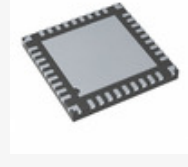
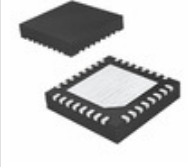
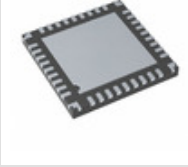
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EV256GM002-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29825 pcs	Data sheet	dsPIC33EVyyyGM00y/10y Prog Spec dsPIC33EVzxGM00x/10x Family Datasheet dsPIC33EVzzzGM00z/10z Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	28-SOIC	Speed	70 MIPS
Series	dsPIC™ 33EV	RAM Size	8K x 16
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	4 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EV Microcontroller IC 16-Bit 70 MIPS 256KB (85.5K x 24) FLASH 28-SOIC	Data Converters	A/D 11x10/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EV256
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	Part#: DSPIC33EV256GM002-I/MM Description: IC MCU 16BIT 256KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM106-E/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM004-E/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM003-I/M5 Description: ECC FLASH, 16KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM004-I/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002T-I/MM Description: IC MCU 16BIT 256KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002-I/SS Description: IC MCU 16BIT 256KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM106T-I/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM003-E/M5 Description: ECC FLASH, 16KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002T-I/SO Description: IC MCU 16BIT 256KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM106T-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002-E/SP Description: IC MCU 16BIT 256KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002-I/SP Description: IC MCU 16BIT 256KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002-E/MM Description: IC MCU 16BIT 256KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM106-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM003T-I/M5 Description: ECC FLASH 16KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV256GM004-E/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV256GM002-E/SS Description: IC MCU 16BIT 256KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EV256GM002-I/SO			
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