

DSPIC33EV64GM102-E/SP



Part Number: [DSPIC33EV64GM102-E/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 28SDIP

Data sheet:  [dsPIC33EVyyyGM00y/10y Prog Spec](#)
 [dsPIC33EVxxGM00x/10x Family Datasheet](#)
 [dsPIC33EVzzzGM00z/10z Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

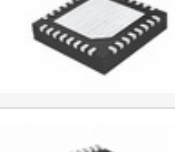
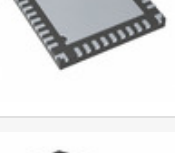
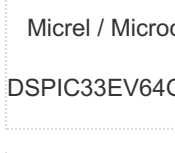
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PRODUCT PARAMETER			
Part Number	DSPIC33EV64GM102-E/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31860 pcs	Data sheet	dsPIC33EVyyyGM00y/10y Prog Spec dsPIC33EVxxGM00x/10x Family dsPIC33EVzzzGM00z/10z Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	28-SPDIP	Speed	60 MIPs
Series	Automotive, AEC-Q100, dsPIC™ 33EV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (22K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC Automotive, AEC-Q100, dsPIC™ 33EV Microcontroller IC 16-Bit 60 MIPs 64KB (22K x 24) FLASH 28-SPDIP	Data Converters	A/D 11x10/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EV64
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RELATED PRODUCTS			
	Part#: DSPIC33EV64GM102-E/SO Description: IC MCU 16BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM006-I/MR Description: IC MCU 16BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM006-E/MR Description: IC MCU 16BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM103T-I/M5 Description: ECC FLASH, 8KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM102-E/SS Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM102-E/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV64GM103-I/M5 Description: ECC FLASH, 8KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM006-I/PT Description: IC MCU 16BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV64GM102-I/SS Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV64GM102-I/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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