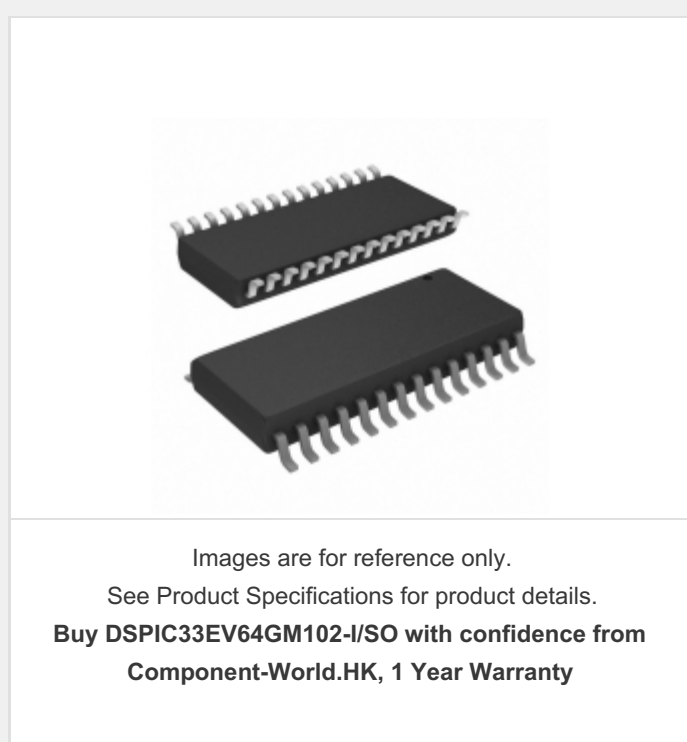


## DSPIC33EV64GM102-I/ISO



**Part Number:** [DSPIC33EV64GM102-I/ISO](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 16BIT 64KB FLASH 28SOIC

**Data sheet:** [dsPIC33EVyyyGM00y/10y Prog Spec](#)  
[dsPIC33EVzxxGM00x/10x Family Datasheet](#)  
[dsPIC33EVzzzGM00z/10z Family Errata](#)

**RoHS Status:** Lead free / RoHS Compliant



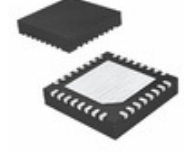
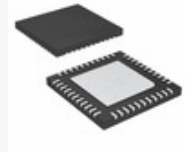





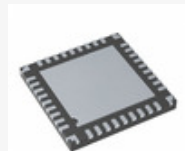

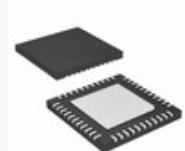



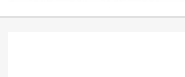




**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	DSPIC33EV64GM102-I/ISO
<b>Description</b>	IC MCU 16BIT 64KB FLASH 28SOIC
<b>Quantity Available</b>	39863 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	28-SOIC
<b>Series</b>	dsPIC™ 33EV
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
<b>Package / Case</b>	28-SOIC (0.295", 7.50mm Width)
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	dsPIC dsPIC™ 33EV Microcontroller IC 16-Bit 70 MIPs 64KB (22K x 24) FLASH 28-SOIC
<b>Core Size</b>	16-Bit
<b>Connectivity</b>	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">dsPIC33EVyyyGM00y/10y Prog Spec</a> <a href="#">dsPIC33EVzxxGM00x/10x Family Datasheet</a> <a href="#">dsPIC33EVzzzGM00z/10z Family Errata</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	4.5 V ~ 5.5 V
<b>Speed</b>	70 MIPs
<b>RAM Size</b>	4K x 16
<b>Program Memory Size</b>	64KB (22K x 24)
<b>Packaging</b>	Tube
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	21
<b>Manufacturer Standard Lead Time</b>	11 Weeks
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 11x10/12b
<b>Core Processor</b>	dsPIC
<b>Base Part Number</b>	DSPIC33EV64

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 Part#: <a href="#">DSPIC33EV64GM102T-I/MM</a> Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
 Part#: <a href="#">DSPIC33EV64GM104-E/ML</a> Description: IC MCU 16BIT 64KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
 Part#: <a href="#">DSPIC33EV64GM006-I/MR</a> Description: IC MCU 16BIT 64KB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
 Part#: <a href="#">DSPIC33EV64GM102-E/SS</a> Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
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 Part#: <a href="#">DSPIC33EV64GM103-I/M5</a> Description: ECC FLASH, 8KB RAM	Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
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