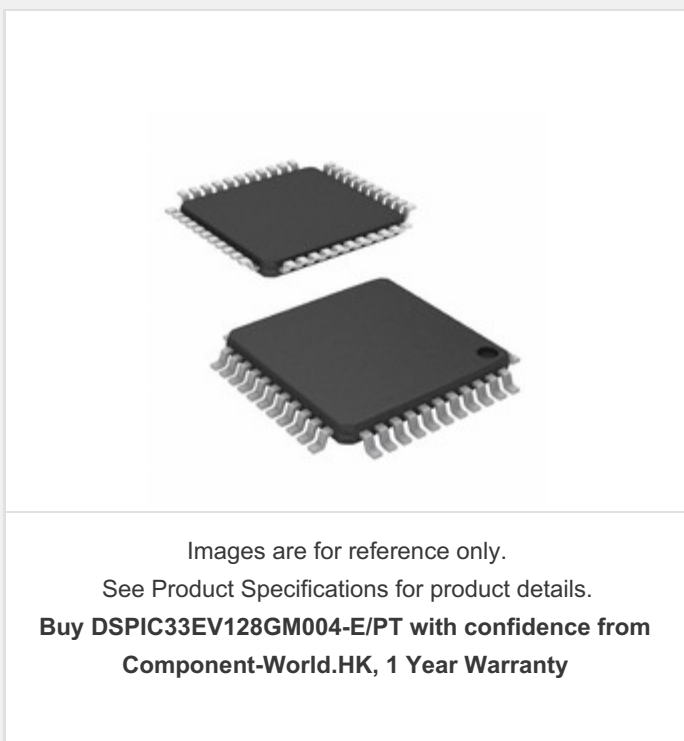


## DSPIC33EV128GM004-E/PT



**Part Number:** [DSPIC33EV128GM004-E/PT](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 16BIT 128KB FLASH 44TQFP  
**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			
Part Number	DSPIC33EV128GM004-E/PT	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC MCU 16BIT 128KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31287 pcs	Data sheet	<a href="#">dsPIC33EVyyyGM00y/10y Prog Spec</a> <a href="#">dsPIC33EVzxxGM00x/10x Family Datasheet</a> <a href="#">dsPIC33EVzzzGM00z/10z Family Errata</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	60 MIPS
Series	Automotive, AEC-Q100, dsPIC™ 33EV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (43K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 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 128KB (43K x 24) FLASH 44-TQFP (10x10)	Data Converters	A/D 24x10/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EV128

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RELATED PRODUCTS			
	Part#: <a href="#">DSPIC33EV128GM004-H/PT</a> Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM003-E/M5</a> Description: ECC FLASH, 8KB RAM	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004T-I/ML</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM006-E/MR</a> Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004T-I/PT</a> Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM002-I/SS</a> Description: IC MCU 16BIT 128KB FLASH 28SSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM002-I/SO</a> Description: IC MCU 16BIT 128KB FLASH 28SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM002-I/SP</a> Description: IC MCU 16BIT 128KB FLASH 28SDIP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004-E/MLVAO</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM006-E/PT</a> Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004-H/ML</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004-I/PT</a> Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004T-E/MLVAO</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004-I/ML</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM006-H/MR</a> Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM002T-I/MM</a> Description: IC MCU 16BIT 128KB FLASH 28QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM004-E/ML</a> Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM002T-I/SO</a> Description: IC MCU 16BIT 128KB FLASH 28SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM003-I/M5</a> Description: ECC FLASH, 8KB RAM	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EV128GM003T-I/M5</a> Description: ECC FLASH, 8KB RAM	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

Related keywords for DSPIC33EV128GM004-E/PT			
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