

DSPIC33EV128GM004-E/ML





Part Number: [DSPIC33EV128GM004-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 44QFN

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

RoHs Status: Lead free / RoHS Compliant

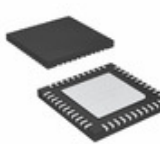
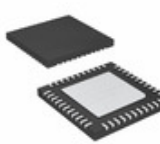
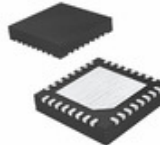
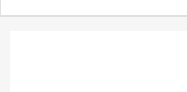
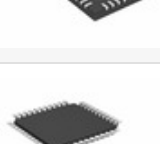
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EV128GM004-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 128KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28827 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	44-QFN (8x8)	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	Tube
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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-QFN (8x8)	Data Converters	A/D 24x10/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EV128
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	Part#: DSPIC33EV128GM004-H/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM002T-I/MM Description: IC MCU 16BIT 128KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV128GM004-E/MLVAO Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV128GM003-E/M5 Description: ECC FLASH, 8KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM003T-I/M5 Description: ECC FLASH, 8KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004T-I/ML Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EV128GM004-E/ML

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