

DSPIC33EV128GM006-E/PT



Part Number: [DSPIC33EV128GM006-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 64TQFP

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

RoHs Status: Lead free / RoHS Compliant

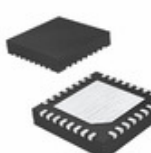
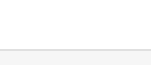
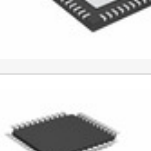
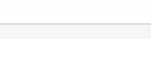
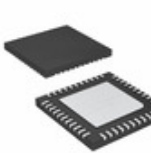
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PRODUCT PARAMETER			
Part Number	DSPIC33EV128GM006-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28416 pcs	Data sheet	dsPIC33EVyyyGM00y/10y Prog Spec dsPIC33EVzxGM00x/10x Family dsPIC33EVzzzGM00z/10z Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	64-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	64-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
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 64-TQFP (10x10)	Data Converters	A/D 36x10/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EV128
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RELATED PRODUCTS			
	Part#: DSPIC33EV128GM102-1/MM Description: IC MCU 16BIT 128KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004-H/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM006-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM102-E/SS Description: IC MCU 16BIT 128KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM006-I/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM006-H/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV128GM102-E/MM Description: IC MCU 16BIT 128KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004-H/ML Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EV128GM006-E/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM006T-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004-I/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004T-E/MLVAO Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EV128GM004T-I/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EV128GM006-E/PT			
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