

PIC32MZ0512EFE064-E/MR



Part Number: [PIC32MZ0512EFE064-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64QFN

Data sheet:  [PIC32MZ EF Datasheet](#)
 [PIC32MZ EF Errata](#)
 [PIC32 Microcontroller Brochure](#)

RoHs Status: Lead free / RoHS Compliant

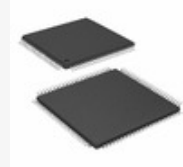
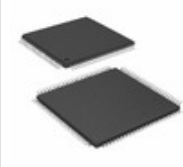
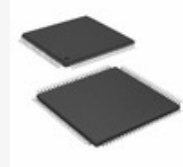
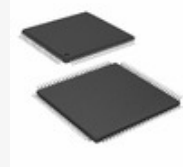
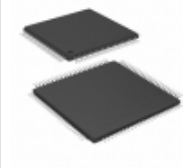
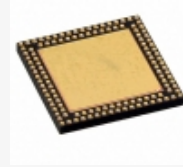
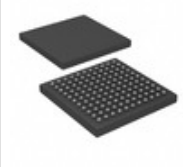
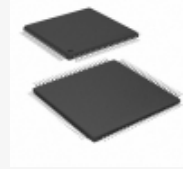
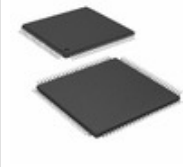
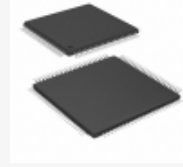
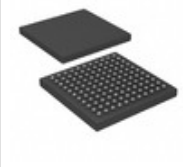
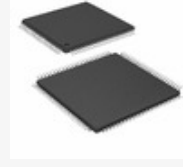
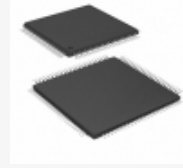
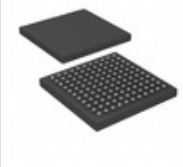
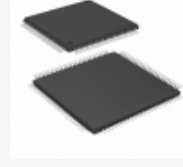
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PRODUCT PARAMETER			
Part Number	PIC32MZ0512EFE064-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12428 pcs	Data sheet	PIC32MZ EF Datasheet PIC32MZ EF Errata PIC32 Microcontroller Brochure
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V
Supplier Device Package	64-QFN-EP (9x9)	Speed	180MHz
Series	Automotive, AEC-Q100, PIC® 32MZ	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C	Number of I/O	46
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	MIPS32® M-Class Automotive, AEC-Q100, PIC® 32MZ Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 64-QFN-EP (9x9)	Data Converters	A/D 24x12b
Core Size	32-Bit	Core Processor	MIPS32® M-Class
Connectivity	Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG	Base Part Number	PIC32MZ0512
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RELATED PRODUCTS			
	Part#: PIC32MZ0512EFE064T-I/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ0512EFE100T-I/PF Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512LT-80V/PF Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512LT-80I/PF Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ0512EFE064-E/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MX795F512LT-80I/TL Description: IC MCU 32BIT 512KB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ0512EFE064-I/MR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ0512EFE064-I/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512LT-80I/BG Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512LT-80V/PT Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ0512EFE100-I/PF Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512L-80V/PT Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX795F512L-80V/BG Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MZ0512EFE064T-I/MR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MX795F512LT-80V/BG Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for PIC32MZ0512EFE064-E/MR

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