

PIC32MX440F512H-80V/MR



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Part Number: [PIC32MX440F512H-80V/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64QFN

Data sheet:  [PIC32MX3xx,4xx Datasheet](#)
 [PIC32 User Guide](#)
 [PIC32 Microcontroller Brochure](#)
 [PIC32MX User Guide](#)
 [PIC32MX3zz,PIC32MX4zz Family Errata & DataSheet CI](#)
 [PIC32MX Flash Programming Spec](#)

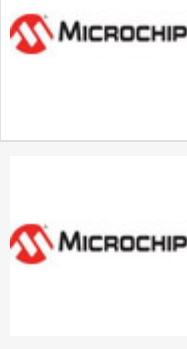
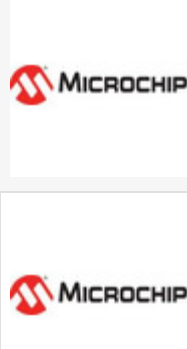
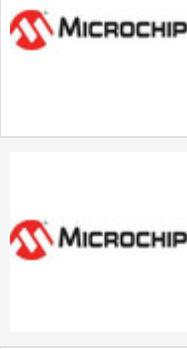
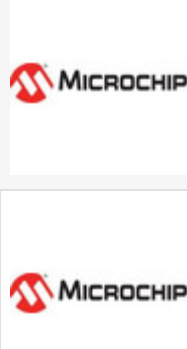
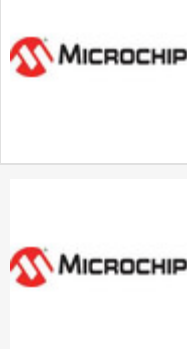
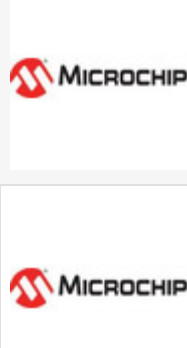
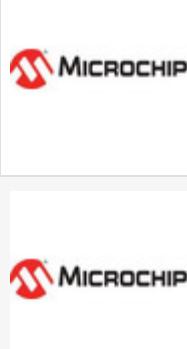
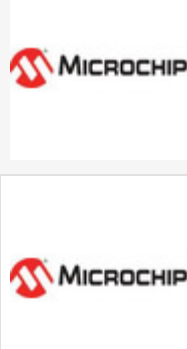
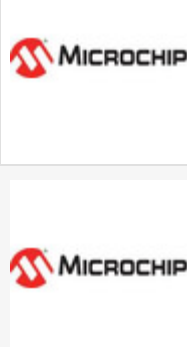
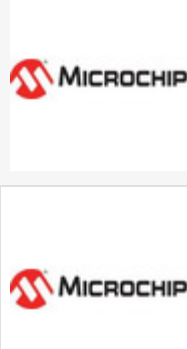
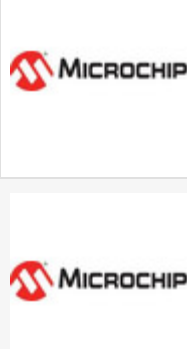
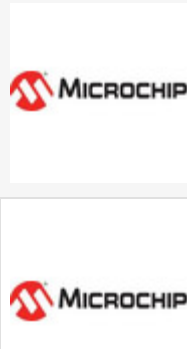
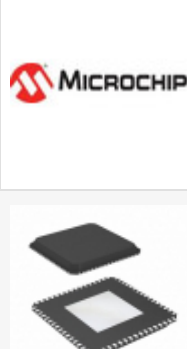
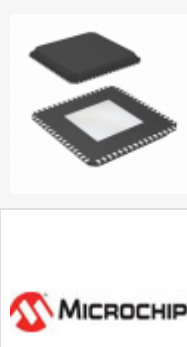
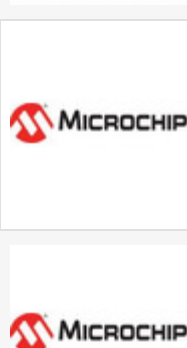
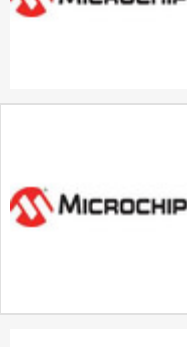
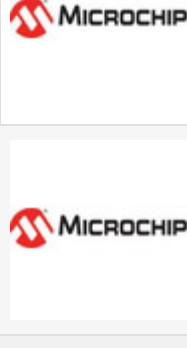
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC32MX440F512H-80V/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12945 pcs	Data sheet	PIC32MX3xx,4xx Datasheet PIC32 User Guide PIC32 Microcontroller Brochure PIC32MX User Guide PIC32MX3zz,PIC32MX4zz Family Errata & DataSheet CI PIC32MX Flash Programming Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	80MHz
Series	PIC® 32MX	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	Other Names	PIC32MX440F512H80VMR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	53	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 16x10b	Core Size	32-Bit
Core Processor	MIPS32® M4K™	Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG
Base Part Number	PIC32MX440F512		
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	Part#: PIC32MX440F512H-80V/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256H-80I/PT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256HT-80V/MR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F512HT-80I/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256H-80V/PT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256HT-80V/PT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F512HT-80I/MR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX450F128H-I/PT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256H-80I/MR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX450F128H-V/PT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX450F128H-I/MR Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F256HT-80I/PT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX450F128H-I/RG Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX440F512HT-80V/PT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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