

PIC32MX170F512L-V/PT





Part Number: [PIC32MX170F512L-V/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100TQFP

Data sheet:  [PIC32MX1xx,2xx,5xx Errata](#)
 [PIC32MX1xx,2xx,5xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

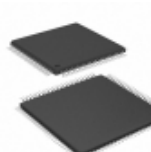
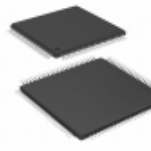
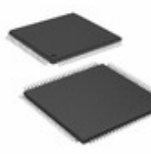
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PRODUCT PARAMETER			
Part Number	PIC32MX170F512L-V/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21223 pcs	Data sheet	PIC32MX1xx,2xx,5xx Errata PIC32MX1xx,2xx,5xx
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 2.3 V ~ 3.6 V
Supplier Device Package	100-TQFP (12x12)	Speed	40MHz
Series	Automotive, AEC-Q100, PIC® 32MX	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	85
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	MIPS32® M4K™ Automotive, AEC-Q100, PIC® 32MX Microcontroller IC 32-Bit 40MHz 512KB (512K x 8) FLASH 100-TQFP (12x12)	Data Converters	A/D 48x10b
Core Size	32-Bit	Core Processor	MIPS32® M4K™
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART	Base Part Number	PIC32MX170F512
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	Part#: PIC32MX170F512HT-I/MR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MX170F512LT-V/PF Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MX174F256B-I/MM Description: IC MCU 32BIT 256KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
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