

PIC32MX775F512HT-80V/PT

PIC32MX775F512HT-80V/PT Information



For Reference Only

Part Number PIC32MX775F512HT-80V/PT

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 512KB FLASH 64TQFP

Package 64-TQFP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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PIC32MX775F512HT-80V/PT Specifications

Manufacturer Part NumberPIC32MX775F512HT-80V/PTManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityCAN, Ethernet, I2C, SPI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O53Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityCAN, Ethernet, I2C, SPI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O53Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 16x10bOscillator TypeInternal	Manufacturer Part Number	PIC32MX775F512HT-80V/PT
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Package 64-TQFP Series PIC? 32MX Core Processor MIPS32? M4K? Core Size 32-Bit Speed 80MHz Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Category	Integrated Circuits (ICs)
Series PIC? 32MX Core Processor MIPS32? M4K? Core Size 32-Bit Speed 80MHz Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal		Embedded - Microcontrollers
Core Processor Core Size 32-Bit Speed 80MHz Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Package	64-TQFP
Core Size Speed 80MHz Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Series	PIC? 32MX
Speed 80MHz Connectivity CAN, Ethernet, 12C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Core Processor	MIPS32? M4K?
Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Core Size	32-Bit
Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Internal	Speed	80MHz
Number of I/O 53 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Connectivity	CAN, Ethernet, I2C, SPI, UART/USART, USB OTG
Program Memory Size $512KB$ ($512K \times 8$)Program Memory TypeFLASHEEPROM Size-RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $2.3 \text{ V} \sim 3.6 \text{ V}$ Data ConvertersA/D $16x10b$ Oscillator TypeInternal	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Number of I/O	53
EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal	Program Memory Size	512KB (512K x 8)
RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $2.3 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 16x10b$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.3 \text{ V} \sim 3.6 \text{ V}$ Data ConvertersA/D $16x10b$ Oscillator TypeInternal	EEPROM Size	-
Data Converters A/D 16x10b Oscillator Type Internal	RAM Size	64K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
1-	Data Converters	A/D 16x10b
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	Oscillator Type	Internal
	Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 64-TQFP	Package / Case	64-TQFP
Supplier Device Package 64-TQFP (10x10)	Supplier Device Package	64-TQFP (10x10)
Report errors		Report errors?

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Ouality Guarantees

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PIC32MX775F512HT-80V/PT Shipping Methods













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