

PIC32MX795F512L-80V/PF

PIC32MX795F512L-80V/PF Information



For Reference Only

Part Number PIC32MX795F512L-80V/PF

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers

Description IC MCU 32BIT 512KB FLASH 100TQFP

Package 100-TQFF

For the pricing/inventory/lead time, please contact

us

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



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PIC32MX795F512L-80V/PF Specifications

| Manufacturer Part Number PIC32MX795F512L-80V/PF Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | | | |
|---|----------------------------|---|----------------|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Manufacturer Part Number | PIC32MX795F512L-80V/PF | |
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| 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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | | Embedded - Microcontrollers | |
| 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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Package | 100-TQFP | |
| 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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Series | PIC? 32MX | |
| Speed 80MHz Connectivity CAN, Ethernet, I2C, SPI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | 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 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Core Size | 32-Bit | |
| Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Speed | 80MHz | |
| Number of I/O 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Connectivity | CAN, Ethernet, I2C, SPI, UART/USART, USB OTG | |
| Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Peripherals | Brown-out Detect/Reset, DMA, POR, PWM, WDT | |
| Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Number of I/O | 85 | |
| EEPROM Size - 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Program Memory Size | 512KB (512K x 8) | |
| RAM Size Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Program Memory Type | FLASH | |
| Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14) | EEPROM Size | - | |
| Data ConvertersA/D $16x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 100-TQFP Supplier Device Package 100-TQFP ($14x14$) | RAM Size | 128K x 8 | |
| Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Voltage - Supply (Vcc/Vdd) | 2.3 V ~ 3.6 V | |
| Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Data Converters | A/D 16x10b | |
| Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Oscillator Type | Internal | |
| Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14) | Operating Temperature | $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$ | |
| Supplier Device Package 100-TQFP (14x14) | Mounting Type | - | |
| | Package / Case | 100-TQFP | |
| | Supplier Device Package | 100-TQFP (14x14) | |
| Report errors? | | | Report errors? |

PIC32MX795F512L-80V/PF Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC32MX795F512L-80V/PF Payment Methods



















PIC32MX795F512L-80V/PF Shipping Methods













If you have any question about PIC32MX795F512L-80V/PF, please do not hesitate to contact us!

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