



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX340F512H-80I/PT

Part Number:

PIC32MX340F512H-80I/PT

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 32BIT 512KB FLASH 64TQFP

Datasheets:

 1.PIC32MX340F512H-80I/PT.pdf

 2.PIC32MX340F512H-80I/PT.pdf

 3.PIC32MX340F512H-80I/PT.pdf

 4.PIC32MX340F512H-80I/PT.pdf

 5.PIC32MX340F512H-80I/PT.pdf

 6.PIC32MX340F512H-80I/PT.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

14626 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PIC32MX340F512H-80I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX340F512H-80I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 14626 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       | <div> 1.PIC32MX340F512H-80I/PT.pdf</div> <div> 2.PIC32MX340F512H-80I/PT.pdf</div> <div> 3.PIC32MX340F512H-80I/PT.pdf</div> <div> 4.PIC32MX340F512H-80I/PT.pdf</div> <div> 5.PIC32MX340F512H-80I/PT.pdf</div> <div> 6.PIC32MX340F512H-80I/PT.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | PIC32MX340F512H80IPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | PIC32MX340F512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX340F512H-80I/PT | PIC32MX340F512H-80I/PT Distributor          | PIC32MX340F512H-80I/PT Supplier                               |
| PIC32MX340F512H-80I/PT Price                         | PIC32MX340F512H-80I/PT Pictures             | PIC32MX340F512H-80I/PT Image                                  |
| PIC32MX340F512H-80I/PT PDF Datasheet                 | PIC32MX340F512H-80I/PT Download Datasheet   | PIC32MX340F512H-80I/PT Datasheet                              |
| PIC32MX340F512H-80I/PT Stock                         | Buy PIC32MX340F512H-80I/PT                  | Buy Micrel / Microchip Technology PIC32MX340F512H-80I/PT      |
| Micrel / Microchip Technology PIC32MX340F512H-80I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX340F512H-80I/PT | Microchip Technology PIC32MX340F512H-80I/PT | Roving Networks / Microchip Technology PIC32MX340F512H-80I/PT |

Related Products

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                   |
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| <div><div><b>PIC32MX340F256HT-80I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 64QFN</div><div>In stock: 22619 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX340F256HT-80V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 64TQFP</div><div>In stock: 22207 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>PIC32MX340F512H-80V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 18060 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX340F512HT-80V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 19569 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>PIC32MX340F256HT-80V/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 64QFN</div><div>In stock: 20776 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX340F512H-80I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 17203 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC32MX340F512HT-80V/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 20854 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX340F512H-80V/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 14348 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC32MX340F256H-80V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 64TQFP</div><div>In stock: 16064 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX340F512HT-80I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 19482 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC32MX340F256HT-80I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 64TQFP</div><div>In stock: 22852 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX340F512HT-80I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 18902 pcs</div><div>RFQ</div></div></div> |

