

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX775F512H-80I/PT

Part Number: PIC32MX775F512H-80I/PT

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 512KB FLASH 64TQFP

PDF

1.PIC32MX775F512H-80I/PT.pdf

PDF

2.PIC32MX775F512H-80I/PT.pdf

PDF

3.PIC32MX775F512H-80I/PT.pdf

PDF

4.PIC32MX775F512H-80I/PT.pdf

RoHS

Lead free / RoHS Compliant

12655 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

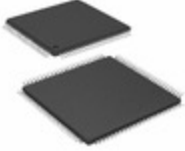
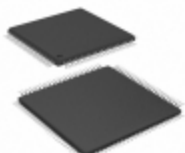
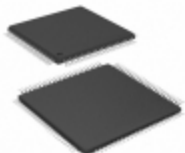
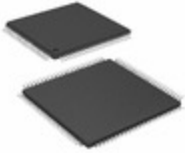
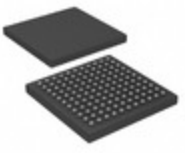
Specifications of PIC32MX775F512H-80I/PT

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX775F512H-80I/PT                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 12655 pcs                                                                                                                                                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.PIC32MX775F512H-80I/PT.pdf</div> <div><div>PDF</div>2.PIC32MX775F512H-80I/PT.pdf</div> <div><div>PDF</div>3.PIC32MX775F512H-80I/PT.pdf</div> <div><div>PDF</div>4.PIC32MX775F512H-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                         | 64K 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                      | PIC32MX775F512H80IPT                                                                                                                                                                                                    |
| 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                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC32MX775F512                                                                                                                                                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
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| PIC32MX775F512H-80I/PT PDF Datasheet                 | PIC32MX775F512H-80I/PT Download Datasheet   | PIC32MX775F512H-80I/PT Datasheet                              |
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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>PIC32MX775F512HT-80V/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 12553 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>PIC32MX775F512H-80I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 13239 pcs</div> <div>RFQ</div>  |
| <div></div> <div>PIC32MX775F512HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 13894 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div>PIC32MX775F512HT-80I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 12854 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>PIC32MX775F512HT-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 15333 pcs</div> <div>RFQ</div> | <div></div> <div>PIC32MX775F512HT-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 15055 pcs</div> <div>RFQ</div>         |
| <div></div> <div>PIC32MX775F512HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div> <div>In stock: 14487 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div>PIC32MX775F512H-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 15055 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>PIC32MX775F512HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 11683 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>PIC32MX775F512H-80V/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 12223 pcs</div> <div>RFQ</div>  |
| <div></div> <div>PIC32MX775F512HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div> <div>In stock: 14547 pcs</div> <div>RFQ</div>         | <div></div> <div>PIC32MX775F512HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 121BGA</div> <div>In stock: 13002 pcs</div> <div>RFQ</div>         |