

PIC32MX675F256LT-80V/PF





Part Number:

PIC32MX675F256LT-80V/PF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:

 [PIC32MX5zz,6zz,7zz Family Errata & DataSheet Clari](#)

 [PIC32MX Flash Programming Spec](#)

 [PIC32MX5xx/6xx/7xx](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

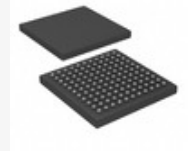
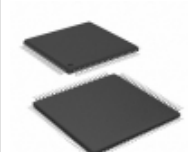
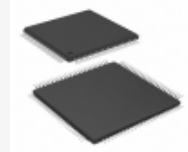
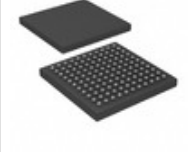
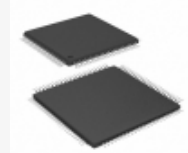
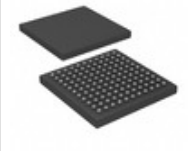
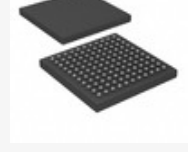
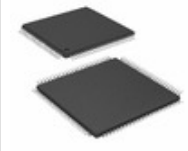
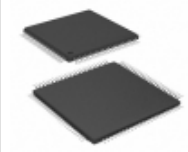
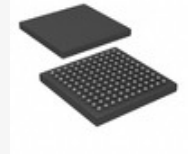
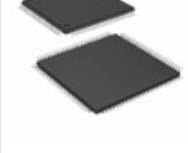
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                |                                 |                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC32MX675F256LT-80V/PF                                                                        | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 32BIT 256KB FLASH 100TQFP                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11894 pcs                                                                                      | Data sheet                      | <a href="#">PIC32MX5zz,6zz,7zz Family Errata &amp; DataSheet Clari</a><br><a href="#">PIC32MX Flash Programming Spec</a><br><a href="#">PIC32MX5xx/6xx/7xx</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                      | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-TQFP (14x14)                                                                               | Speed                           | 80MHz                                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC® 32MX                                                                                      | RAM Size                        | 64K x 8                                                                                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                                          | Program Memory Size             | 256KB (256K x 8)                                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                     | Packaging                       | Tape & Reel (TR)                                                                                                                                               |
| 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 | 7 Weeks                                                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                                                                     | EEPROM Size                     | -                                                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-TQFP (14x14) | Data Converters                 | A/D 16x10b                                                                                                                                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32-Bit                                                                                         | Core Processor                  | MIPS32® M4K™                                                                                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ethernet, I²C, SPI, UART/USART, USB OTG                                                        | Base Part Number                | PIC32MX675F256                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                                 |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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