



AT32UC3B0512-Z2UT

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3B0512-Z2UT                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                     |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                    |
| Datasheets:         | <div><div>PDF</div>1.AT32UC3B0512-Z2UT.pdf</div> <div><div>PDF</div>2.AT32UC3B0512-Z2UT.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                              |
| Stock Condition     | 12328 pcs stock                                                                                   |
| Ship From           | Hong Kong                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                             |

REQUEST FOR QUOTATION

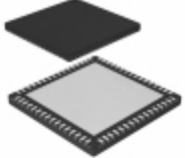
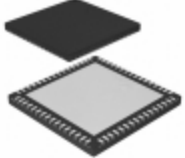
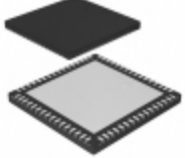
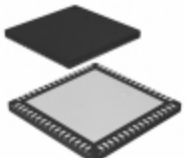
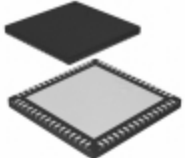
Specifications of AT32UC3B0512-Z2UT

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3B0512-Z2UT                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 12328 pcs                                                                                         |
| DATA SHEET                       | <div><div>PDF</div>1.AT32UC3B0512-Z2UT.pdf</div> <div><div>PDF</div>2.AT32UC3B0512-Z2UT.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                      |
| SPEED                            | 60MHz                                                                                             |
| SERIES                           | AVR@32 UC3 B                                                                                      |
| RAM SIZE                         | 96K 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-VFQFN Exposed Pad                                                                              |
| OTHER NAMES                      | AT32UC3B0512Z2UT                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                 |
| NUMBER OF I/O                    | 44                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| EEPROM SIZE                      | -                                                                                                 |
| DETAILED DESCRIPTION             | AVR AVR@32 UC3 B Microcontroller IC 32-Bit 60MHz 512KB (512K x 8) FLASH 64-QFN (9x9)              |
| DATA CONVERTERS                  | A/D 8x10b                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                            |
| CORE PROCESSOR                   | AVR                                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SPI, SSC, UART/USART, USB                                                 |
| BASE PART NUMBER                 | AT32UC3B0512                                                                                      |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3B0512-Z2UT | AT32UC3B0512-Z2UT Distributor          | AT32UC3B0512-Z2UT Supplier                               |
| AT32UC3B0512-Z2UT Price                         | AT32UC3B0512-Z2UT Pictures             | AT32UC3B0512-Z2UT Image                                  |
| AT32UC3B0512-Z2UT PDF Datasheet                 | AT32UC3B0512-Z2UT Download Datasheet   | AT32UC3B0512-Z2UT Datasheet                              |
| AT32UC3B0512-Z2UT Stock                         | Buy AT32UC3B0512-Z2UT                  | Buy Micrel / Microchip Technology AT32UC3B0512-Z2UT      |
| Micrel / Microchip Technology AT32UC3B0512-Z2UT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT32UC3B0512-Z2UT | Microchip Technology AT32UC3B0512-Z2UT | Roving Networks / Microchip Technology AT32UC3B0512-Z2UT |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AT32UC3B0512-A2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 12262 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT32UC3B064-A2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 23994 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>AT32UC3B0512AU-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 6133 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT32UC3B064-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 22528 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>AT32UC3B0256-Z2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 12185 pcs</div> <div>RFQ</div>  | <div></div> <div><b>AT32UC3B064-Z2UR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 23687 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>AT32UC3B0512-A2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 11054 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT32UC3B0256-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 14925 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>AT32UC3B0256-A2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 14525 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT32UC3B064-A2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 16970 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>AT32UC3B064-A2UR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 19659 pcs</div> <div>RFQ</div>            | <div></div> <div><b>AT32UC3B0512-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 11769 pcs</div> <div>RFQ</div> |