



Micrel / Microchip Technology



AT32UC3A3256-CTUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3A3256-CTUT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 144BGA                                                                              |
| Datasheets:         |  1.AT32UC3A3256-CTUT.pdf    |
|                     |  2.AT32UC3A3256-CTUT.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7577 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of AT32UC3A3256-CTUT

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3A3256-CTUT                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144BGA                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 7577 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.AT32UC3A3256-CTUT.pdf<br> 2.AT32UC3A3256-CTUT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.75 V ~ 3.6 V                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-FFBGA (11x11)                                                                                                                                                                                                          |
| SPEED                            | 66MHz                                                                                                                                                                                                                      |
| SERIES                           | AVR@32 UC3 A3                                                                                                                                                                                                              |
| RAM SIZE                         | 128K x 8                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 144-TFBGA                                                                                                                                                                                                                  |
| OTHER NAMES                      | AT32UC3A3256CTUT                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 110                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | AVR AVR@32 UC3 A3 Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 144-FFBGA (11x11)                                                                                                                                 |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                        |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTG                                                                                                                                                             |
| BASE PART NUMBER                 | AT32UC3A3256                                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3A3256-CTUT | AT32UC3A3256-CTUT Distributor          | AT32UC3A3256-CTUT Supplier                               |
| AT32UC3A3256-CTUT Price                         | AT32UC3A3256-CTUT Pictures             | AT32UC3A3256-CTUT Image                                  |
| AT32UC3A3256-CTUT PDF Datasheet                 | AT32UC3A3256-CTUT Download Datasheet   | AT32UC3A3256-CTUT Datasheet                              |
| AT32UC3A3256-CTUT Stock                         | Buy AT32UC3A3256-CTUT                  | Buy Micrel / Microchip Technology AT32UC3A3256-CTUT      |
| Micrel / Microchip Technology AT32UC3A3256-CTUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT32UC3A3256-CTUT | Microchip Technology AT32UC3A3256-CTUT | Roving Networks / Microchip Technology AT32UC3A3256-CTUT |

Related Products

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|  <div><b>AT32UC3A3256S-CTUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 9296 pcs<br/><div>RFQ</div></div>            |  <div><b>AT32UC3A3128S-CTUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 144BGA<br/>In stock: 12376 pcs<br/><div>RFQ</div></div>  |
|  <div><b>AT32UC3A3256S-ALUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 9212 pcs<br/><div>RFQ</div></div>  |  <div><b>AT32UC3A3256S-ALUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 7817 pcs<br/><div>RFQ</div></div>           |
|  <div><b>AT32UC3A3256-ALUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 8282 pcs<br/><div>RFQ</div></div>   |  <div><b>AT32UC3A3256-CTUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 10534 pcs<br/><div>RFQ</div></div>   |
|  <div><b>AT32UC3A3256S-CTUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 7642 pcs<br/><div>RFQ</div></div>   |  <div><b>AT32UC3A3256-CTUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 8295 pcs<br/><div>RFQ</div></div>             |
|  <div><b>AT32UC3A3256AU-ALUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 5388 pcs<br/><div>RFQ</div></div> |  <div><b>AT32UC3A3256S-ALUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 16116 pcs<br/><div>RFQ</div></div> |
|  <div><b>AT32UC3A3128S-CTUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 144BGA<br/>In stock: 10786 pcs<br/><div>RFQ</div></div>  |  <div><b>AT32UC3A3256-ALUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 8042 pcs<br/><div>RFQ</div></div>   |