



Micrel / Microchip Technology



AT32UC3A364-CTUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3A364-CTUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB FLASH 144FFBGA                                                                             |
| Datasheets:         |  1.AT32UC3A364-CTUT.pdf     |
|                     |  2.AT32UC3A364-CTUT.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of AT32UC3A364-CTUT

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3A364-CTUT                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 144FFBGA                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| DATA SHEET                       |  1.AT32UC3A364-CTUT.pdf |
|                                  |  2.AT32UC3A364-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              | 64KB (64K x 8)                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                                      |
| PACKAGING                        | Tray                                                                                                       |
| PACKAGE / CASE                   | 144-TFBGA                                                                                                  |
| OTHER NAMES                      | AT32UC3A364CTUT                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF I/O                    | 110                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| EEPROM SIZE                      | -                                                                                                          |
| DETAILED DESCRIPTION             | AVR AVR@32 UC3 A3 Microcontroller IC 32-Bit 66MHz 64KB (64K 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                 | AT32UC3A364                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3A364-CTUT | AT32UC3A364-CTUT Distributor           | AT32UC3A364-CTUT Supplier                               |
| AT32UC3A364-CTUT Price                         | AT32UC3A364-CTUT Pictures              | AT32UC3A364-CTUT Image                                  |
| AT32UC3A364-CTUT PDF Datasheet                 | AT32UC3A364-CTUT Download Datasheet    | AT32UC3A364-CTUT Datasheet                              |
| AT32UC3A364-CTUT Stock                         | Buy AT32UC3A364-CTUT                   | Buy Micrel / Microchip Technology AT32UC3A364-CTUT      |
| Micrel / Microchip Technology AT32UC3A364-CTUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT32UC3A364-CTUT | Microchip Technology AT32UC3A364-CTUT  | Roving Networks / Microchip Technology AT32UC3A364-CTUT |

Related Products



Micro Commercial Components

**AT32UC3A364S-CTUR**

Manufacturers: Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144FFBGA

In stock: Out stock

RFQ



Micro Commercial Components

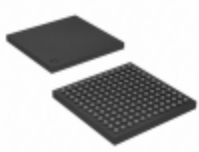
**AT32UC3A364-CTUR**

Manufacturers: Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144FFBGA

In stock: Out stock

RFQ



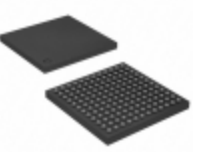
**AT32UC3A364S-CTUR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144FFBGA

In stock: Out stock

RFQ



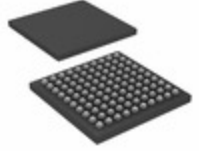
**AT32UC3A3256S-CTUR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 256KB FLASH 144BGA

In stock: Out stock

RFQ



**AT32UC3A4128-C1UR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 128KB FLASH 100BGA

In stock: Out stock

RFQ



**AT32UC3A364S-ALUR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144LQFP

In stock: Out stock

RFQ



**AT32UC3A364-ALUT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144LQFP

In stock: 120 pcs

RFQ



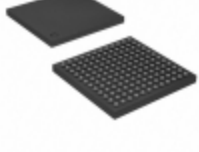
**AT32UC3A364S-ALUT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144LQFP

In stock: Out stock

RFQ



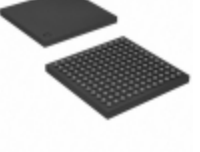
**AT32UC3A364S-CTUT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144FFBGA

In stock: Out stock

RFQ



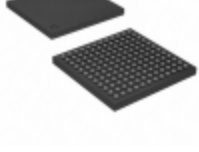
**AT32UC3A364-CTUR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144FFBGA

In stock: Out stock

RFQ



**AT32UC3A3256S-CTUT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 256KB FLASH 144BGA

In stock: Out stock

RFQ



**AT32UC3A364-ALUR**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 32BIT 64KB FLASH 144LQFP

In stock: Out stock

RFQ