

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## AT32UC3C2256C-A2UT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3C2256C-A2UT                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 64TQFP                                                                              |
| Datasheets:         |  1.AT32UC3C2256C-A2UT.pdf   |
|                     |  2.AT32UC3C2256C-A2UT.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9416 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

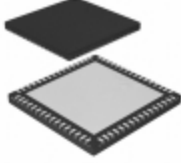
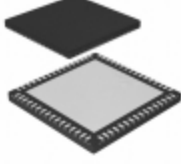
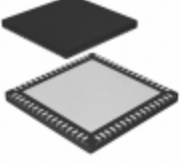
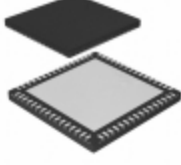
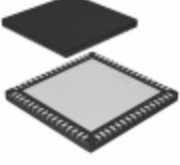
### Specifications of AT32UC3C2256C-A2UT

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3C2256C-A2UT                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64TQFP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 9416 pcs                                                                                                     |
| DATA SHEET                       |  1.AT32UC3C2256C-A2UT.pdf |
|                                  |  2.AT32UC3C2256C-A2UT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                              |
| SPEED                            | 66MHz                                                                                                        |
| SERIES                           | AVR®32 UC3 C                                                                                                 |
| RAM SIZE                         | 64K x 8                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                        |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                              |
| PACKAGING                        | Tray                                                                                                         |
| PACKAGE / CASE                   | 64-TQFP Exposed Pad                                                                                          |
| OTHER NAMES                      | AT32UC3C2256CA2UT                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF I/O                    | 45                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| EEPROM SIZE                      | -                                                                                                            |
| DETAILED DESCRIPTION             | AVR AVR®32 UC3 C Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)                      |
| DATA CONVERTERS                  | A/D 11x12b, D/A 2x12b                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                       |
| CORE PROCESSOR                   | AVR                                                                                                          |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                    |
| BASE PART NUMBER                 | AT32UC3C2256                                                                                                 |

### Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3C2256C-A2UT | AT32UC3C2256C-A2UT Distributor          | AT32UC3C2256C-A2UT Supplier                               |
| AT32UC3C2256C-A2UT Price                         | AT32UC3C2256C-A2UT Pictures             | AT32UC3C2256C-A2UT Image                                  |
| AT32UC3C2256C-A2UT PDF Datasheet                 | AT32UC3C2256C-A2UT Download Datasheet   | AT32UC3C2256C-A2UT Datasheet                              |
| AT32UC3C2256C-A2UT Stock                         | Buy AT32UC3C2256C-A2UT                  | Buy Micrel / Microchip Technology AT32UC3C2256C-A2UT      |
| Micrel / Microchip Technology AT32UC3C2256C-A2UT | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology AT32UC3C2256C-A2UT | Microchip Technology AT32UC3C2256C-A2UT | Roving Networks / Microchip Technology AT32UC3C2256C-A2UT |

### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
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|  <div><b>AT32UC3C2256C-Z2ZR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 5287 pcs</div> <div>RFQ</div>            |  <div><b>AT32UC3C2256C-A2UR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 10963 pcs</div> <div>RFQ</div>         |
|  <div><b>AT32UC3C2128C-Z2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 11209 pcs</div> <div>RFQ</div>  |  <div><b>AT32UC3C2128C-Z2ZR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 7065 pcs</div> <div>RFQ</div>           |
|  <div><b>AT32UC3C2256C-Z2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 13028 pcs</div> <div>RFQ</div>  |  <div><b>AT32UC3C2128C-Z2ZT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 3174 pcs</div> <div>RFQ</div>  |
|  <div><b>AT32UC3C2256C-A2ZR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 5505 pcs</div> <div>RFQ</div>           |  <div><b>AT32UC3C2256C-A2ZR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 5200 pcs</div> <div>RFQ</div> |
|  <div><b>AT32UC3C2256C-A2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 12297 pcs</div> <div>RFQ</div> |  <div><b>AT32UC3C2256C-A2ZT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 7083 pcs</div> <div>RFQ</div> |
|  <div><b>AT32UC3C2256C-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 13874 pcs</div> <div>RFQ</div>  |  <div><b>AT32UC3C2128C-Z2ZR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 5950 pcs</div> <div>RFQ</div>  |