



AT32UC3C1256C-AZT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3C1256C-AZT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 100TQFP                                                                             |
| Datasheets:         |  1.AT32UC3C1256C-AZT.pdf    |
|                     |  2.AT32UC3C1256C-AZT.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10398 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of AT32UC3C1256C-AZT

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3C1256C-AZT                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100TQFP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 10398 pcs                                                                                                      |
| DATA SHEET                       |  1.AT32UC3C1256C-AZT.pdf    |
|                                  |  2.AT32UC3C1256C-AZT.pdf    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                               |
| SPEED                            | 66MHz                                                                                                          |
| SERIES                           | Automotive, AEC-Q100, 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                   | 100-TQFP                                                                                                       |
| OTHER NAMES                      | AT32UC3C1256CAZT                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                             |
| NUMBER OF I/O                    | 81                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| EEPROM SIZE                      | -                                                                                                              |
| DETAILED DESCRIPTION             | AVR Automotive, AEC-Q100, AVR@32 UC3 C Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 100-TQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 4x12b                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                                         |
| CORE PROCESSOR                   | AVR                                                                                                            |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                      |
| BASE PART NUMBER                 | AT32UC3C1256                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3C1256C-AZT | AT32UC3C1256C-AZT Distributor          | AT32UC3C1256C-AZT Supplier                               |
| AT32UC3C1256C-AZT Price                         | AT32UC3C1256C-AZT Pictures             | AT32UC3C1256C-AZT Image                                  |
| AT32UC3C1256C-AZT PDF Datasheet                 | AT32UC3C1256C-AZT Download Datasheet   | AT32UC3C1256C-AZT Datasheet                              |
| AT32UC3C1256C-AZT Stock                         | Buy AT32UC3C1256C-AZT                  | Buy Micrel / Microchip Technology AT32UC3C1256C-AZT      |
| Micrel / Microchip Technology AT32UC3C1256C-AZT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT32UC3C1256C-AZT | Microchip Technology AT32UC3C1256C-AZT | Roving Networks / Microchip Technology AT32UC3C1256C-AZT |

Related Products

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| <div></div> <div><b>AT32UC3C1256C-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 9178 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT32UC3C164C-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 100TQFP<br/>In stock: 13755 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>AT32UC3C1512C-AZR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 8724 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT32UC3C164C-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 100TQFP<br/>In stock: 11460 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>AT32UC3C1128C-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 12588 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AT32UC3C1256C-AZR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 5501 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>AT32UC3C1256C-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 8547 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT32UC3C1512C-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 8932 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT32UC3C1512C-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9283 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT32UC3C1512C-AZT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 4312 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT32UC3C1128C-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 13945 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AT32UC3C1256C-AZR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 6474 pcs<br/><div>RFQ</div></div> |