

AT32UC3L064-ZAUT



Part Number: [AT32UC3L064-ZAUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 48QFN

Data sheet:  [AT32UC3L016,32,64 Summary](#)  
 [AT32UC3L016,32,64 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

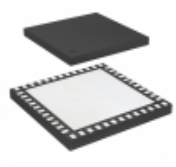
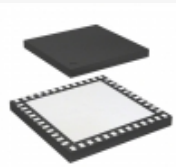
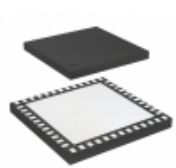
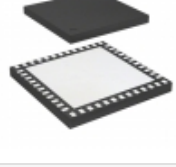
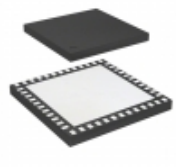
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                  |                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AT32UC3L064-ZAUT                                                                   | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 32BIT 64KB FLASH 48QFN                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4004 pcs                                                                           | Data sheet                       | <a href="#">AT32UC3L016,32,64 Summary</a><br><a href="#">AT32UC3L016,32,64 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 1.62 V ~ 3.6 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 48-QFN (7x7)                                                                       | Speed                            | 50MHz                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVR@32 UC3 L                                                                       | RAM Size                         | 16K x 8                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                              | Program Memory Size              | 64KB (64K x 8)                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                         | Packaging                        | Tray                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 48-VQFN Exposed Pad                                                                | Other Names                      | 32UC3L064-ZAUT<br>32UC3L064-ZAUT-ND<br>AT32UC3L064ZAUT                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 36                                                                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                         | EEPROM Size                      | -                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AVR AVR@32 UC3 L Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 48-QFN (7x7) | Data Converters                  | A/D 9x12b                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 32-Bit                                                                             | Core Processor                   | AVR                                                                                      |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I <sup>2</sup> C, SPI, UART/USART                                                  | Base Part Number                 | AT32UC3L064                                                                              |
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|  | Part#: <a href="#">AT34C02-10PI</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10PC-2.7</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L032-D3UR</a><br>Description: IC MCU 32BIT 32KB FLASH 48TLLGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10PC-1.8</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-D3UR</a><br>Description: IC MCU 32BIT 64KB FLASH 48TLLGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L032-ZAUT</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10PI-1.8</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-D3HT</a><br>Description: IC MCU 32BIT 64KB FLASH 48TLLGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT34C02-10PI-2.5</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-ZAUR</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-AUR</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10TC</a><br>Description: IC EEPROM 2K I2C 400KHZ 8TSSOP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10PI-2.7</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-AUT</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L032-D3HT</a><br>Description: IC MCU 32BIT 32KB FLASH 48TLLGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L032-ZAUR</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT34C02-10PC</a><br>Description: IC EEPROM 2K I2C 400KHZ 8DIP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT32UC3L064-D3HR</a><br>Description: IC MCU 32BIT 64KB FLASH 48TLLGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for AT32UC3L064-ZAUT          |                                       |                                        |                        |
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