



AT32UC3B0128-A2UT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT32UC3B0128-A2UT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 64TQFP                                                                              |
|                     |  1.AT32UC3B0128-A2UT.pdf    |
|                     |  2.AT32UC3B0128-A2UT.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

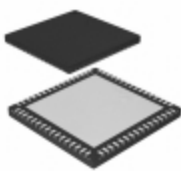
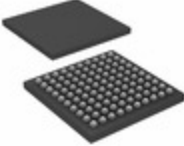
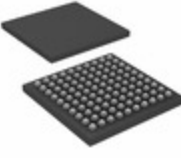
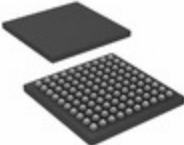
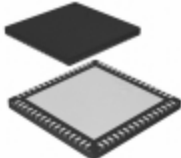
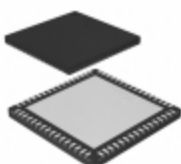
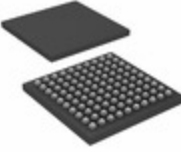
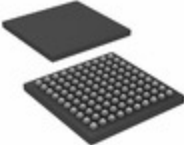
Specifications of AT32UC3B0128-A2UT

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT32UC3B0128-A2UT                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64TQFP                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| DATA SHEET                       |  1.AT32UC3B0128-A2UT.pdf<br> 2.AT32UC3B0128-A2UT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                            |
| SPEED                            | 60MHz                                                                                                                                                                                                                      |
| SERIES                           | AVR@32 UC3 B                                                                                                                                                                                                               |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 64-TQFP Exposed Pad                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 44                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | AVR AVR@32 UC3 B Microcontroller IC 32-Bit 60MHz 128KB (128K x 8) FLASH 64-TQFP (10x10)                                                                                                                                    |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SPI, SSC, UART/USART, USB                                                                                                                                                                          |
| BASE PART NUMBER                 | AT32UC3B0128                                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT32UC3B0128-A2UT | AT32UC3B0128-A2UT Distributor          | AT32UC3B0128-A2UT Supplier                               |
| AT32UC3B0128-A2UT Price                         | AT32UC3B0128-A2UT Pictures             | AT32UC3B0128-A2UT Image                                  |
| AT32UC3B0128-A2UT PDF Datasheet                 | AT32UC3B0128-A2UT Download Datasheet   | AT32UC3B0128-A2UT Datasheet                              |
| AT32UC3B0128-A2UT Stock                         | Buy AT32UC3B0128-A2UT                  | Buy Micrel / Microchip Technology AT32UC3B0128-A2UT      |
| Micrel / Microchip Technology AT32UC3B0128-A2UT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT32UC3B0128-A2UT | Microchip Technology AT32UC3B0128-A2UT | Roving Networks / Microchip Technology AT32UC3B0128-A2UT |

Related Products

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|  <div><b>AT32UC3B0128-Z2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>AT32UC3B0256-A2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AT32UC3B0128AU-A2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT32UC3A464-C1UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 100VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AT32UC3A464S-C1UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 100VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AT32UC3A4256S-C1UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>AT32UC3B0128-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 6 pcs<br/><div>RFQ</div></div>        |  <div><b>AT32UC3B0256-A2UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AT32UC3B0128AU-Z2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AT32UC3B0128-A2UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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