

|                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | AT32UC3C2256C-A2UT                                      |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 32BIT 256KB FLASH 64TQFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 350 pcs Stock                                           |
| 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                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 45                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 11x12b, D/A 2x12b                                   |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | AVR                                                     |
| Connectivity               | CAN, Ethernet, I²C, IrDA, LIN, SPI, UART/USART, USB     |
|                            |                                                         |

You May Be Also Be interested

|                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-A2ZT</div><div>Microchip Technology</div><div>IC MCU 32BIT 256KB FLASH</div><div>64TQFP</div></div> | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-Z</div><div>ATMEL</div><div>AT32UC3C2256C-Z ATMEL</div></div>                                       | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-U</div><div>ATMEL</div><div>AT32UC3C2256C-U ATMEL</div></div>                                       | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2128C-Z2ZR</div><div>Microchip Technology</div><div>IC MCU 32BIT 128KB FLASH</div><div>64QFN</div></div>  |
| <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2128C-Z2ZT</div><div>Microchip Technology</div><div>IC MCU 32BIT 128KB FLASH</div><div>64QFN</div></div>                 | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-A2UR</div><div>Microchip Technology</div><div>IC MCU 32BIT 256KB FLASH</div><div>64TQFP</div></div> | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-A2ZR</div><div>Microchip Technology</div><div>IC MCU 32BIT 256KB FLASH</div><div>64TQFP</div></div> | <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>AT32UC3C2256C-A2UR</div><div>Microchip Technology</div><div>IC MCU 32BIT 256KB FLASH</div><div>64TQFP</div></div> |

| AT32UC3C2256C-A2UT Related keyword               |                                 |                                |                          |                                                     | More |
|--------------------------------------------------|---------------------------------|--------------------------------|--------------------------|-----------------------------------------------------|------|
| AT32UC3C2256C-A2UT Micrel / Microchip Technology | AT32UC3C2256C-A2UT Data Sheet   | AT32UC3C2256C-A2UT Datasheets  | AT32UC3C2256C-A2UT PDF   | Micrel / Microchip Technology<br>AT32UC3C2256C-A2UT |      |
| AT32UC3C2256C-A2UT Electronic                    | AT32UC3C2256C-A2UT Components   | AT32UC3C2256C-A2UT Distributor | AT32UC3C2256C-A2UT Image | AT32UC3C2256C-A2UT Part                             |      |
| AT32UC3C2256C-A2UT Price                         | AT32UC3C2256C-A2UT Manufacturer | AT32UC3C2256C-A2UT Picture     | AT32UC3C2256C-A2UT Stock | AT32UC3C2256C-A2UT Inventory                        |      |
| AT32UC3C2256C-A2UT New                           | AT32UC3C2256C-A2UT Original     | AT32UC3C2256C-A2UT Warranted   | AT32UC3C2256C-A2UT RFQ   | AT32UC3C2256C-A2UT Order Online                     |      |