

AT91SAM7S32B-MU-999



Part Number: [AT91SAM7S32B-MU-999](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB FLASH 48QFN

Data sheet:  [AT91SAM Datasheet](#)  
 [AT91SAM Summary](#)

RoHs Status: Lead free / RoHS Compliant

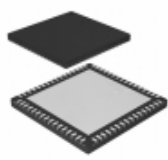
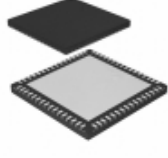
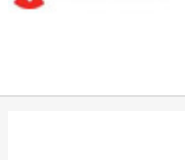
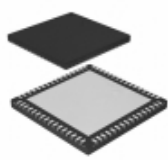
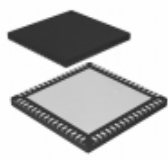
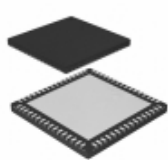
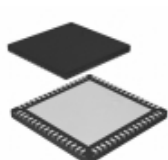
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                  |                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AT91SAM7S32B-MU-999                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 32KB FLASH 48QFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56538 pcs                                  | Data sheet                       | <a href="#">AT91SAM Datasheet</a><br><a href="#">AT91SAM Summary</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.65 V ~ 1.95 V                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 48-QFN (7x7)                               | Speed                            | 55MHz                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAM7S                                      | RAM Size                         | 8K x 8                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size              | 32KB (32K x 8)                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Cut Tape (CT)                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 48-VFQFN Exposed Pad                       | Other Names                      | 1611-AT91SAM7S32B-MU-999CT                                                       |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description             | ARM7® SAM7S Microcontroller IC 16/32-Bit 55MHz 32KB (32K x 8) FLASH 48-QFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 8x10b                                  | Core Size                        | 16/32-Bit                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ARM7®                                      | Connectivity                     | I²C, SPI, SSC, UART/USART                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT91SAM7S512B-MU</a><br>Description: IC MCU 32BIT 512KB FLASH 64VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7S32B-MU</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7S32-AU-999</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT91SAM7S32-MU-999</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7S64-AU-999</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT91SAM7S512-AU-999</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT91SAM7S32B-AU</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP       | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
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|---------------------------------------------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------------------|
| Related keywords for <b>AT91SAM7S32B-MU-999</b>   |                                                   |                                          |                                                               |
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