



AT91SAM7S64C-MU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7S64C-MU                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB FLASH 64QFN                                                                                |
|                     |  1.AT91SAM7S64C-MU.pdf      |
|                     |  2.AT91SAM7S64C-MU.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

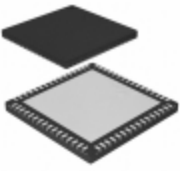
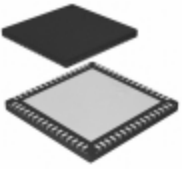
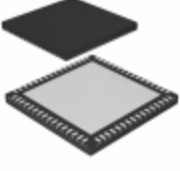
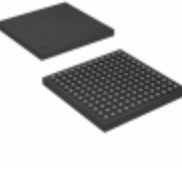
Specifications of AT91SAM7S64C-MU

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7S64C-MU                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64QFN                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.AT91SAM7S64C-MU.pdf<br> 2.AT91SAM7S64C-MU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                           |
| SPEED                            | 55MHz                                                                                                                                                                                                                  |
| SERIES                           | SAM7S                                                                                                                                                                                                                  |
| 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                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                   |
| OTHER NAMES                      | AT91SAM7S64B-MU<br>AT91SAM7S64B-MU-ND<br>AT91SAM7S64CMU                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | ARM7® SAM7S Microcontroller IC 16/32-Bit 55MHz 64KB (64K x 8) FLASH 64-QFN (9x9)                                                                                                                                       |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                              |
| CORE SIZE                        | 16/32-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | ARM7®                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, SSC, UART/USART, USB                                                                                                                                                                                         |
| BASE PART NUMBER                 | AT91SAM7S64                                                                                                                                                                                                            |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7S64C-MU | AT91SAM7S64C-MU Distributor            | AT91SAM7S64C-MU Supplier                               |
| AT91SAM7S64C-MU Price                         | AT91SAM7S64C-MU Pictures               | AT91SAM7S64C-MU Image                                  |
| AT91SAM7S64C-MU PDF Datasheet                 | AT91SAM7S64C-MU Download Datasheet     | AT91SAM7S64C-MU Datasheet                              |
| AT91SAM7S64C-MU Stock                         | Buy AT91SAM7S64C-MU                    | Buy Micrel / Microchip Technology AT91SAM7S64C-MU      |
| Micrel / Microchip Technology AT91SAM7S64C-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
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Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                               |
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|  <div><b>AT91SAM7S64-IAR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT DEV FOR AT91SAM7S64<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>AT91SAM7S64-MU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>AT91SAM7S64-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>AT91SAM7SE256-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>AT91SAM7S64-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>AT91SAM7SE-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD FOR AT91SAM7SE<br/>In stock: Out stock<br/>RFQ</div>               |
|  <div><b>AT91SAM7SE256-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>AT91SAM7S64C-MU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>AT91SAM7S64C-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>AT91SAM7S64C-MU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 174 pcs<br/>RFQ</div>                |
|  <div><b>AT91SAM7SE256-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>AT91SAM7S64C-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>    |