



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT91SAM7S64C-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7S64C-AU                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP                                                                               |
|                     | <a href="#">1.AT91SAM7S64C-AU.pdf</a>                                                                        |
|                     | <a href="#">2.AT91SAM7S64C-AU.pdf</a>                                                                        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

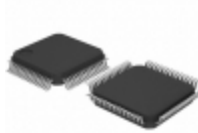
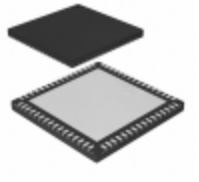
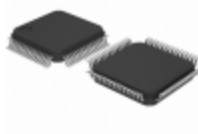
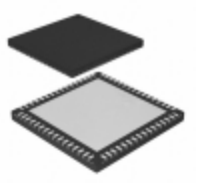
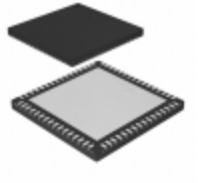
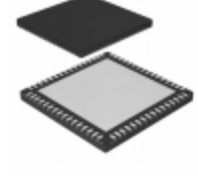
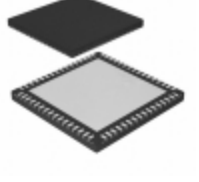
Specifications of AT91SAM7S64C-AU

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7S64C-AU                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                       |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| DATA SHEET                       | <a href="#">1.AT91SAM7S64C-AU.pdf</a><br><a href="#">2.AT91SAM7S64C-AU.pdf</a>      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                     |
| 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-LQFP                                                                             |
| OTHER NAMES                      | AT91SAM7S64CAU                                                                      |
| 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-LQFP (10x10) |
| 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-AU | AT91SAM7S64C-AU Distributor            | AT91SAM7S64C-AU Supplier                               |
| AT91SAM7S64C-AU Price                         | AT91SAM7S64C-AU Pictures               | AT91SAM7S64C-AU Image                                  |
| AT91SAM7S64C-AU PDF Datasheet                 | AT91SAM7S64C-AU Download Datasheet     | AT91SAM7S64C-AU Datasheet                              |
| AT91SAM7S64C-AU Stock                         | Buy AT91SAM7S64C-AU                    | Buy Micrel / Microchip Technology AT91SAM7S64C-AU      |
| Micrel / Microchip Technology AT91SAM7S64C-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology AT91SAM7S64C-AU | Microchip Technology AT91SAM7S64C-AU   | Roving Networks / Microchip Technology AT91SAM7S64C-AU |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>AT91SAM7S64-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>AT91SAM7S64-AU-001</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>AT91SAM7SE256-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>AT91SAM7S64C-MU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>AT91SAM7S64C-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>AT91SAM7S64C-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 53 pcs</p> <p>RFQ</p>           |
|  <p><b>AT91SAM7S64-IAR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT DEV FOR AT91SAM7S64<br/>In stock: Out stock</p> <p>RFQ</p>            |  <p><b>AT91SAM7S64C-MU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 174 pcs</p> <p>RFQ</p>               |
|  <p><b>AT91SAM7SE-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD FOR AT91SAM7SE<br/>In stock: Out stock</p> <p>RFQ</p>            |  <p><b>AT91SAM7S64-MU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>     |
|  <p><b>AT91SAM7S64-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>       |  <p><b>AT91SAM7S512B-MU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64VQFN<br/>In stock: Out stock</p> <p>RFQ</p> |