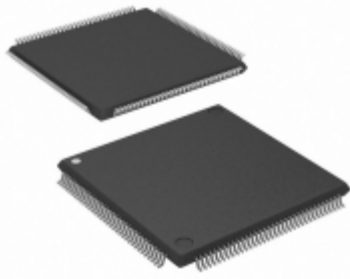


AT91SAM7A1-AU





Part Number: [AT91SAM7A1-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT ROMLESS 144LQFP

Data sheet:  [AT91SAM7A1 Summary](#)

RoHs Status: Lead free / RoHS Compliant

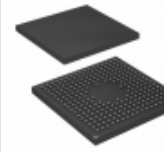
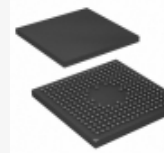
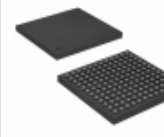
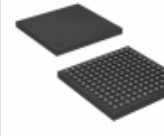
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy AT91SAM7A1-AU with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                |                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AT91SAM7A1-AU                             | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 32BIT ROMLESS 144LQFP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5429 pcs                                  | Data sheet                     | <a href="#">AT91SAM7A1 Summary</a>                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 144-LQFP (20x20)                          | Speed                          | 40MHz                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AT91SAM                                   | RAM Size                       | 4K x 8                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ROMless                                   | Program Memory Size            | -                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | POR, PWM, WDT                             | Packaging                      | Tray                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 144-LQFP                                  | Oscillator Type                | Internal                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C (TA)                         | Number of I/O                  | 49                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description           | ARM7® AT91SAM Microcontroller IC 16/32-Bit 40MHz ROMless 144-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A/D 8x10b                                 | Core Size                      | 16/32-Bit                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ARM7®                                     | Connectivity                   | CANbus, EBI/EMI, SPI, UART/USART                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AT91SAM7                                  |                                |                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5429 pieces of Micrel / Microchip Technology AT91SAM7A1-AU in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT91SAM7A3-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A3-EK</a><br>Description: KIT EVAL FOR AT91SAM7A3             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-QI-002-T</a><br>Description: IC MCU 32BIT 128KB ROM 208QFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L128-AU</a><br>Description: IC MCU 32BIT 128KB FLASH 128LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM3400-AU</a><br>Description: IC MCU 32BIT 256KB ROM 100LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A1-EK</a><br>Description: BOARD EVAL FOR AT91SAM7A1           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A2-EK</a><br>Description: BOARD EVAL FOR AT91SAM7A2           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A2-AU</a><br>Description: IC MCU 32BIT ROMLESS 176LQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-CJ-002</a><br>Description: IC MCU 32BIT 128KB ROM 256BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L64-AU</a><br>Description: IC MCU 32BIT 64KB FLASH 128LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM3400-AU-002</a><br>Description: IC MCU 32BIT 256KB ROM 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-CI-002</a><br>Description: IC MCU 32BIT 128KB ROM 256BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L128-CU</a><br>Description: IC MCU 32BIT 128KB FLASH 144BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-EK</a><br>Description: DEVEL KIT                           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L64-CU</a><br>Description: IC MCU 32BIT 64KB FLASH 144BGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L-STK</a><br>Description: KIT EVAL FOR AT91SAM7L              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-QI-002</a><br>Description: IC MCU 32BIT 128KB ROM 208QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM-ICE</a><br>Description: EMULATOR JTAG FOR ARM-BASED MCU       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-QU-002</a><br>Description: IC MCU 32BIT 128KB ROM 208QFP   | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-DK</a><br>Description: KIT DEVELOPMENT AT91RM9200          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for AT91SAM7A1-AU

|                                             |                                    |                                        |                     |
|---------------------------------------------|------------------------------------|----------------------------------------|---------------------|
| Micrel / Microchip Technology AT91SAM7A1-AU | AT91SAM7A1-AU distributor          | AT91SAM7A1-AU supplier                 | AT91SAM7A1-AU price |
| AT91SAM7A1-AU download datasheet            | AT91SAM7A1-AU datasheet            | AT91SAM7A1-AU stock                    | buy AT91SAM7A1-AU   |
| Micrel / Microchip Technology AT91SAM7A1-AU | Microchip Technology AT91SAM7A1-AU | Roving Networks / Microchip Technology |                     |
|                                             |                                    | AT91SAM7A1-AU                          |                     |

Reliable Stocking Distributor of Electronic Components © 2003-2021 Component-World.com All Rights Reserved.  
E-mail: [info@Components-World.com](mailto:info@Components-World.com)

