



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT91SAM7A3-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7A3-AU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 100LQFP                                                                             |
| Datasheets:         |  AT91SAM7A3-AU.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

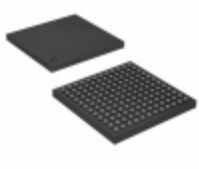
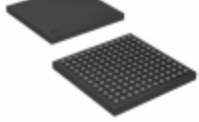
Specifications of AT91SAM7A3-AU

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7A3-AU                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  AT91SAM7A3-AU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                      |
| SPEED                            | 60MHz                                                                                                 |
| SERIES                           | AT91SAM                                                                                               |
| RAM SIZE                         | 32K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | POR, PWM, WDT                                                                                         |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 100-LQFP                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 62                                                                                                    |
| 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 60MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)              |
| DATA CONVERTERS                  | A/D 8x10b                                                                                             |
| CORE SIZE                        | 16/32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM7®                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, Memory Card, SPI, SSC, UART/USART                                                        |
| BASE PART NUMBER                 | AT91SAM7                                                                                              |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7A3-AU | AT91SAM7A3-AU Distributor              | AT91SAM7A3-AU Supplier                               |
| AT91SAM7A3-AU Price                         | AT91SAM7A3-AU Pictures                 | AT91SAM7A3-AU Image                                  |
| AT91SAM7A3-AU PDF Datasheet                 | AT91SAM7A3-AU Download Datasheet       | AT91SAM7A3-AU Datasheet                              |
| AT91SAM7A3-AU Stock                         | Buy AT91SAM7A3-AU                      | Buy Micrel / Microchip Technology AT91SAM7A3-AU      |
| Micrel / Microchip Technology AT91SAM7A3-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT91SAM7A3-AU | Microchip Technology AT91SAM7A3-AU     | Roving Networks / Microchip Technology AT91SAM7A3-AU |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT91SAM7L64-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 144BGA<br/>In stock: 145 pcs<br/><b>RFQ</b></div>     |  <div><b>AT91SAM-ICE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EMULATOR JTAG FOR ARM-BASED MCU<br/>In stock: 119 pcs<br/><b>RFQ</b></div>        |
|  <div><b>AT91SAM7A1-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT ROMLESS 144LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>      |  <div><b>AT91SAM7A2-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR AT91SAM7A2<br/>In stock: Out stock<br/><b>RFQ</b></div>          |
|  <div><b>AT91SAM7A3-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM7A3<br/>In stock: Out stock<br/><b>RFQ</b></div>           |  <div><b>AT91SAM7L128-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 128LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>AT91RM9200-QU-002</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 208QFP<br/>In stock: 666 pcs<br/><b>RFQ</b></div>            |  <div><b>AT91SAM7A2-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>       |
|  <div><b>AT91SAM7L128-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 144BGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>AT91SAM7L64-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 128LQFP<br/>In stock: 219 pcs<br/><b>RFQ</b></div>     |
|  <div><b>AT91SAM7A1-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR AT91SAM7A1<br/>In stock: Out stock<br/><b>RFQ</b></div>         |  <div><b>AT91SAM7L-STK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM7L<br/>In stock: Out stock<br/><b>RFQ</b></div>             |