



Micrel / Microchip Technology



AT91SAM7SE32-CU-999

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7SE32-CU-999                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 32KB FLASH 144BGA                                                                               |
|                     |  1.AT91SAM7SE32-CU-999.pdf  |
|                     |  2.AT91SAM7SE32-CU-999.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6421 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

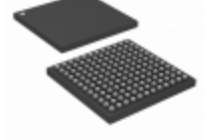
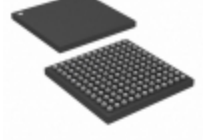
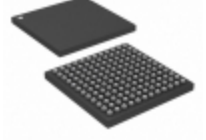
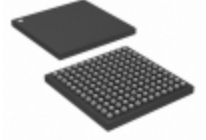
Specifications of AT91SAM7SE32-CU-999

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7SE32-CU-999                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 144BGA                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 6421 pcs                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.AT91SAM7SE32-CU-999.pdf<br> 2.AT91SAM7SE32-CU-999.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 144-BGA (13x13)                                                                                                                                                                                                                |
| SPEED                            | 55MHz                                                                                                                                                                                                                          |
| SERIES                           | SAM7SE                                                                                                                                                                                                                         |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                          |
| PACKAGING                        | Original-Reel®                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 144-LFBGA                                                                                                                                                                                                                      |
| OTHER NAMES                      | AT91SAM7SE32-CU-999DKR<br>AT91SAM7SE32CU999                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 88                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| EEPROM SIZE                      | -                                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | ARM7® SAM7SE Microcontroller IC 16/32-Bit 55MHz 32KB (32K x 8) FLASH 144-BGA (13x13)                                                                                                                                           |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                      |
| CORE SIZE                        | 16/32-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | ARM7®                                                                                                                                                                                                                          |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, SSC, UART/USART, USB                                                                                                                                                                                        |
| BASE PART NUMBER                 | AT91SAM7SE32                                                                                                                                                                                                                   |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7SE32-CU-999 | AT91SAM7SE32-CU-999 Distributor          | AT91SAM7SE32-CU-999 Supplier                               |
| AT91SAM7SE32-CU-999 Price                         | AT91SAM7SE32-CU-999 Pictures             | AT91SAM7SE32-CU-999 Image                                  |
| AT91SAM7SE32-CU-999 PDF Datasheet                 | AT91SAM7SE32-CU-999 Download Datasheet   | AT91SAM7SE32-CU-999 Datasheet                              |
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Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>AT91SAM7SE32B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 128LQFP<br/>In stock: 12009 pcs</div> <div>RFQ</div>   |  <div><b>AT91SAM7SE32B-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 144LFBGA<br/>In stock: 12948 pcs</div> <div>RFQ</div>          |
|  <div><b>AT91SAM7SE32B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 144LFBGA<br/>In stock: 15466 pcs</div> <div>RFQ</div>  |  <div><b>AT91SAM7SE256B-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 9510 pcs</div> <div>RFQ</div>  |
|  <div><b>AT91SAM7SE32B-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 128LQFP<br/>In stock: 15891 pcs</div> <div>RFQ</div>  |  <div><b>AT91SAM7SE256B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 8914 pcs</div> <div>RFQ</div>   |
|  <div><b>AT91SAM7SE256B-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: 9486 pcs</div> <div>RFQ</div> |  <div><b>AT91SAM7SE32B-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 144LFBGA<br/>In stock: 11757 pcs</div> <div>RFQ</div> |
|  <div><b>AT91SAM7SE32-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 128LQFP<br/>In stock: 4393 pcs</div> <div>RFQ</div>     |  <div><b>AT91SAM7SE32-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 144BGA<br/>In stock: 7555 pcs</div> <div>RFQ</div>      |
|  <div><b>AT91SAM7SE32B-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 128LQFP<br/>In stock: 17035 pcs</div> <div>RFQ</div>           |  <div><b>AT91SAM7SE256B-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 9655 pcs</div> <div>RFQ</div>           |