



Micrel / Microchip Technology



AT91SAM7SE32B-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7SE32B-AU                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 32KB FLASH 128LQFP                                                                              |
|                     |  1.AT91SAM7SE32B-AU.pdf     |
|                     |  2.AT91SAM7SE32B-AU.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12009 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of AT91SAM7SE32B-AU

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7SE32B-AU                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 128LQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 12009 pcs                                                                                                                                                                                                                |
| DATA SHEET                       |  1.AT91SAM7SE32B-AU.pdf<br> 2.AT91SAM7SE32B-AU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 128-LQFP (20x14)                                                                                                                                                                                                         |
| 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                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 128-LQFP                                                                                                                                                                                                                 |
| OTHER NAMES                      | AT91SAM7SE32BAU                                                                                                                                                                                                          |
| 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 128-LQFP (20x14)                                                                                                                                    |
| 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 AT91SAM7SE32B-AU | AT91SAM7SE32B-AU Distributor           | AT91SAM7SE32B-AU Supplier                               |
| AT91SAM7SE32B-AU Price                         | AT91SAM7SE32B-AU Pictures              | AT91SAM7SE32B-AU Image                                  |
| AT91SAM7SE32B-AU PDF Datasheet                 | AT91SAM7SE32B-AU Download Datasheet    | AT91SAM7SE32B-AU Datasheet                              |
| AT91SAM7SE32B-AU Stock                         | Buy AT91SAM7SE32B-AU                   | Buy Micrel / Microchip Technology AT91SAM7SE32B-AU      |
| Micrel / Microchip Technology AT91SAM7SE32B-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT91SAM7SE32B-AU | Microchip Technology AT91SAM7SE32B-AU  | Roving Networks / Microchip Technology AT91SAM7SE32B-AU |

Related Products

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| <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>      | <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>          |
| <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>          | <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></div>          |
| <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> | <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> |
| <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>     | <div><div><b>AT91SAM7SE32-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 144BGA<br/>In stock: 6421 pcs</div><div>RFQ</div></div> |
| <div><div><b>AT91SAM7SE512-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 128LQFP<br/>In stock: 6799 pcs</div><div>RFQ</div></div>   | <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>  |
| <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>  | <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> |