

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT91SAM7SE512B-CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7SE512B-CUR                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 144BGA                                                                              |
| Datasheets:         |  1.AT91SAM7SE512B-CUR.pdf   |
|                     |  2.AT91SAM7SE512B-CUR.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6160 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

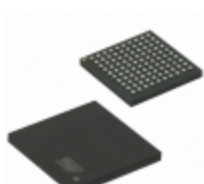
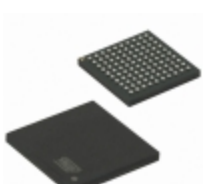
Specifications of AT91SAM7SE512B-CUR

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7SE512B-CUR                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144BGA                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 6160 pcs                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.AT91SAM7SE512B-CUR.pdf<br> 2.AT91SAM7SE512B-CUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 144-LFBGA (10x10)                                                                                                                                                                                                            |
| SPEED                            | 55MHz                                                                                                                                                                                                                        |
| SERIES                           | SAM7SE                                                                                                                                                                                                                       |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                        |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 144-LFBGA                                                                                                                                                                                                                    |
| OTHER NAMES                      | AT91SAM7SE512B-CURCT                                                                                                                                                                                                         |
| 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 512KB (512K x 8) FLASH 144-LFBGA (10x10)                                                                                                                                     |
| 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                 | AT91SAM7SE512                                                                                                                                                                                                                |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7SE512B-CUR | AT91SAM7SE512B-CUR Distributor          | AT91SAM7SE512B-CUR Supplier                               |
| AT91SAM7SE512B-CUR Price                         | AT91SAM7SE512B-CUR Pictures             | AT91SAM7SE512B-CUR Image                                  |
| AT91SAM7SE512B-CUR PDF Datasheet                 | AT91SAM7SE512B-CUR Download Datasheet   | AT91SAM7SE512B-CUR Datasheet                              |
| AT91SAM7SE512B-CUR Stock                         | Buy AT91SAM7SE512B-CUR                  | Buy Micrel / Microchip Technology AT91SAM7SE512B-CUR      |
| Micrel / Microchip Technology AT91SAM7SE512B-CUR | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology AT91SAM7SE512B-CUR | Microchip Technology AT91SAM7SE512B-CUR | Roving Networks / Microchip Technology AT91SAM7SE512B-CUR |

Related Products

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|  MICROCHIP<br><b>AT91SAM7SE512B-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 128LQFP<br>In stock: 8937 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>AT91SAM7SE512B-CU</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 7389 pcs<br><b>RFQ</b>             |
|  MICROCHIP<br><b>AT91SAM7SE512-CU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 3694 pcs<br><b>RFQ</b>     | <br><b>AT91SAM7X-EK</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: KIT EVAL FOR AT91SAM7X256/128<br>In stock: 3756 pcs<br><b>RFQ</b>                     |
|  MICROCHIP<br><b>AT91SAM7SE512B-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 128LQFP<br>In stock: 6411 pcs<br><b>RFQ</b>   |  MICROCHIP<br><b>AT91SAM7SE512-CU-999</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 3777 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>AT91SAM7X128-AU-999</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 4078 pcs<br><b>RFQ</b> |  MICROCHIP<br><b>AT91SAM7X128B-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 6242 pcs<br><b>RFQ</b>    |
|  MICROCHIP<br><b>AT91SAM7X128-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 6501 pcs<br><b>RFQ</b>     |  MICROCHIP<br><b>AT91SAM7SE512B-CUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 8698 pcs<br><b>RFQ</b>            |
| <br><b>AT91SAM7X128-CU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100BGA<br>In stock: 3809 pcs<br><b>RFQ</b>                | <br><b>AT91SAM7X128-CU-999</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 128KB FLASH 100BGA<br>In stock: 6097 pcs<br><b>RFQ</b>            |