



AT91SAM7SE256B-CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7SE256B-CUR                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 144BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9655 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.

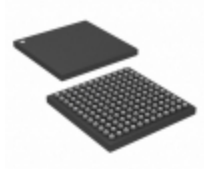
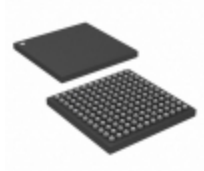
Specifications of AT91SAM7SE256B-CUR

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7SE256B-CUR                                                                       |
| MANUFACTURER                     | Microchip Technology                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144BGA                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| QUANTITY AVAILABLE               | 9655 pcs                                                                                 |
| DATA SHEET                       |                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                    |
| VOLTAGE - BREAKDOWN              | 144-LFBGA (10x10)                                                                        |
| SERIES                           | SAM7SE                                                                                   |
| ROHS STATUS                      | Digi-Reel®                                                                               |
| REVERSE RECOVERY TIME (TRR)      | 55MHz                                                                                    |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                                    |
| PROGRAM MEMORY TYPE              | 256KB (256K x 8)                                                                         |
| PROGRAM MEMORY SIZE              | EBI/EMI, I²C, SPI, SSC, UART/USART, USB                                                  |
| POLARIZATION                     | 144-LFBGA                                                                                |
| OTHER NAMES                      | 1611-AT91SAM7SE256B-CURDKR                                                               |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                        |
| OPERATING SYSTEM                 | ARM7®                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| MANUFACTURER PART NUMBER         | AT91SAM7SE256B-CUR                                                                       |
| EXPANDED DESCRIPTION             | ARM7® SAM7SE Microcontroller IC 16/32-Bit 55MHz 256KB (256K x 8) FLASH 144-LFBGA (10x10) |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144BGA                                                          |
| DATA SRAM BYTES                  | -                                                                                        |
| DATA CONVERTERS                  | 1.65 V ~ 1.95 V                                                                          |
| CORE SIZE                        | 32K x 8                                                                                  |
| CONTROLLER SERIES                | Internal                                                                                 |
| CONNECTIVITY                     | 16/32-Bit                                                                                |
| CLOCK RATE                       | 88                                                                                       |

Related Tags

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|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7SE256B-CUR | AT91SAM7SE256B-CUR Distributor          | AT91SAM7SE256B-CUR Supplier                               |
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Related Products

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| <div></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></div> <div><b>AT91SAM7SE256-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 5329 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>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>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>AT91SAM7SE256-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 6638 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>AT91SAM7SE256B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: 10375 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>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></div> <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></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>            |