



Micrel / Microchip Technology

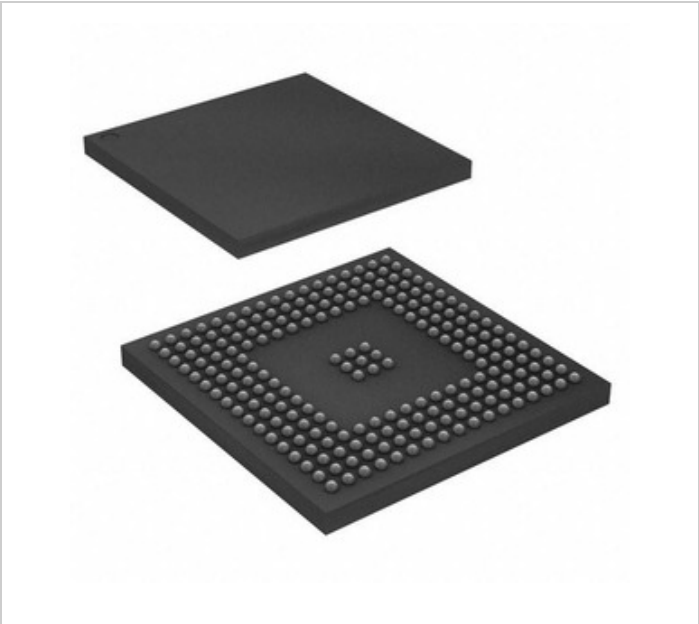


Image may be representation. See specifications for product details.

AT91SAM9X25-CU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM9X25-CU                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB ROM 217BGA                                                                                 |
| Datasheets:         | <a href="#">1.AT91SAM9X25-CU.pdf</a>                                                                         |
|                     | <a href="#">2.AT91SAM9X25-CU.pdf</a>                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

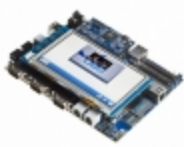
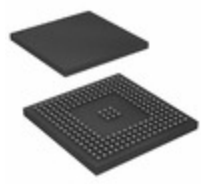
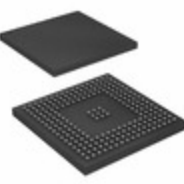
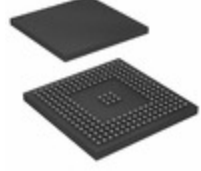
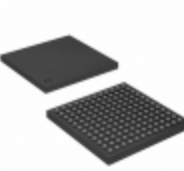
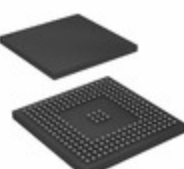
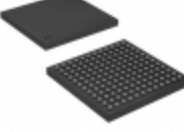
Specifications of AT91SAM9X25-CU

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM9X25-CU                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                |
| DESCRIPTION                      | IC MCU 32BIT 64KB ROM 217BGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| DATA SHEET                       | <a href="#">1.AT91SAM9X25-CU.pdf</a><br><a href="#">2.AT91SAM9X25-CU.pdf</a> |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.0V, 3.3V                                                       |
| USB                              | USB 2.0 (3)                                                                  |
| SUPPLIER DEVICE PACKAGE          | 217-LFBGA (15x15)                                                            |
| SPEED                            | 400MHz                                                                       |
| SERIES                           | SAM9X                                                                        |
| SECURITY FEATURES                | -                                                                            |
| SATA                             | -                                                                            |
| RAM CONTROLLERS                  | LPDDR, LPDDR2, DDR2, DDR, SDR, SRAM                                          |
| PACKAGING                        | Tray                                                                         |
| PACKAGE / CASE                   | 217-LFBGA                                                                    |
| OTHER NAMES                      | AT91SAM9X25CU                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| GRAPHICS ACCELERATION            | No                                                                           |
| ETHERNET                         | 10/100 Mbps (2)                                                              |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                            |
| DETAILED DESCRIPTION             | ARM926EJ-S Microprocessor IC SAM9X 1 Core, 32-Bit 400MHz 217-LFBGA (15x15)   |
| CORE PROCESSOR                   | ARM926EJ-S                                                                   |
| CO-PROCESSORS/DSP                | -                                                                            |
| BASE PART NUMBER                 | AT91SAM9X                                                                    |
| ADDITIONAL INTERFACES            | CAN, EBI/EMI, I²C, MMC/SD/SDIO, SPI, SSC, UART/USART                         |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM9X25-CU | AT91SAM9X25-CU Distributor             | AT91SAM9X25-CU Supplier                               |
| AT91SAM9X25-CU Price                         | AT91SAM9X25-CU Pictures                | AT91SAM9X25-CU Image                                  |
| AT91SAM9X25-CU PDF Datasheet                 | AT91SAM9X25-CU Download Datasheet      | AT91SAM9X25-CU Datasheet                              |
| AT91SAM9X25-CU Stock                         | Buy AT91SAM9X25-CU                     | Buy Micrel / Microchip Technology AT91SAM9X25-CU      |
| Micrel / Microchip Technology AT91SAM9X25-CU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology AT91SAM9X25-CU | Microchip Technology AT91SAM9X25-CU    | Roving Networks / Microchip Technology AT91SAM9X25-CU |

Related Products

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| <div></div> <div><b>AT91SAM9X35-CU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 281 pcs</div> <div>RFQ</div>            | <div></div> <div><b>AT91SAM9X35-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9X35<br/>In stock: 2 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>AT91SAM9X25-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>AT91SAM9X35-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 500 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>AT91SAM9X35-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 826 pcs</div> <div>RFQ</div>       | <div></div> <div><b>AT91SAM9N12-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL KIT FOR SAM9N12<br/>In stock: 4 pcs</div> <div>RFQ</div>                 |
| <div></div> <div><b>AT91SAM9RL-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9RL<br/>In stock: 4 pcs</div> <div>RFQ</div>               | <div></div> <div><b>AT91SAM9R64-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 144BGA<br/>In stock: 973 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>AT91SAM9X25-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9X25<br/>In stock: Out stock</div> <div>RFQ</div>         | <div></div> <div><b>AT91SAM9RL64-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: 253 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>AT91SAM9R64-CU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 144BGA<br/>In stock: 997 pcs</div> <div>RFQ</div>            | <div></div> <div><b>AT91SAM9R64-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 144BGA<br/>In stock: Out stock</div> <div>RFQ</div> |