



Micrel / Microchip Technology

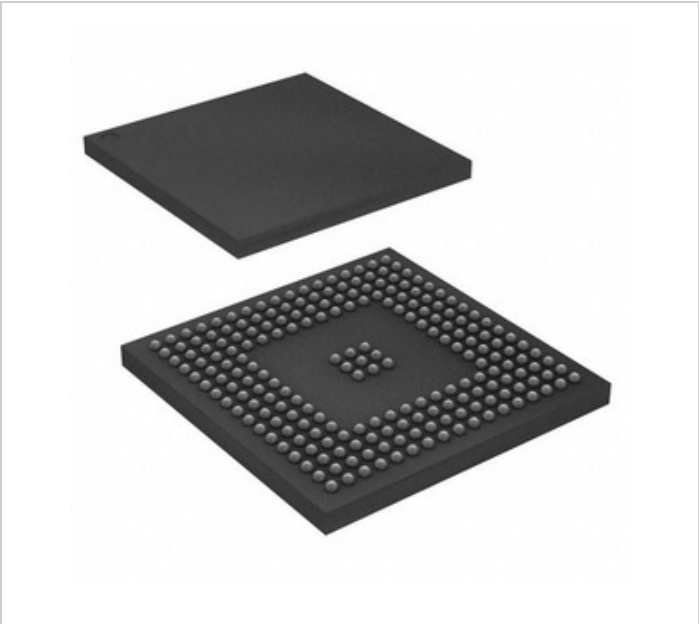


Image may be representation. See specifications for product details.

AT91SAM9G15-CU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM9G15-CU                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB ROM 217BGA                                                                                 |
| Datasheets:         |  AT91SAM9G15-CU.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

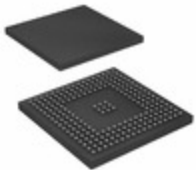
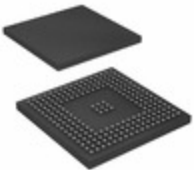
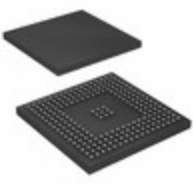
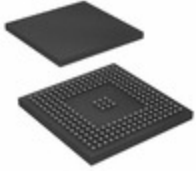
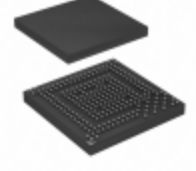
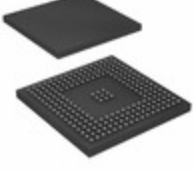
Specifications of AT91SAM9G15-CU

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM9G15-CU                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 64KB ROM 217BGA                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  AT91SAM9G15-CU.pdf |
| VOLTAGE - I/O                    | 1.8V, 3.3V                                                                                             |
| USB                              | USB 2.0 (3)                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 217-LFBGA (15x15)                                                                                      |
| SPEED                            | 400MHz                                                                                                 |
| SERIES                           | SAM9G                                                                                                  |
| SECURITY FEATURES                | -                                                                                                      |
| SATA                             | -                                                                                                      |
| RAM CONTROLLERS                  | LPDDR, LPSDR, DDR2, SDR, SRAM                                                                          |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 217-LFBGA                                                                                              |
| OTHER NAMES                      | AT91SAM9G15CU                                                                                          |
| 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                         | -                                                                                                      |
| DISPLAY & INTERFACE CONTROLLERS  | LCD, Touchscreen                                                                                       |
| DETAILED DESCRIPTION             | ARM926EJ-S Microprocessor IC SAM9G 1 Core, 32-Bit 400MHz 217-LFBGA (15x15)                             |
| CORE PROCESSOR                   | ARM926EJ-S                                                                                             |
| CO-PROCESSORS/DSP                | -                                                                                                      |
| BASE PART NUMBER                 | AT91SAM9G                                                                                              |
| ADDITIONAL INTERFACES            | EBI/EMI, I²C, MMC/SD/SDIO, SPI, SSC, UART/USART                                                        |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM9G15-CU | AT91SAM9G15-CU Distributor             | AT91SAM9G15-CU Supplier                               |
| AT91SAM9G15-CU Price                         | AT91SAM9G15-CU Pictures                | AT91SAM9G15-CU Image                                  |
| AT91SAM9G15-CU PDF Datasheet                 | AT91SAM9G15-CU Download Datasheet      | AT91SAM9G15-CU Datasheet                              |
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Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |
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|  <div><b>AT91SAM9G10-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT91SAM9G10-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>AT91SAM9CN12B-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 217BGA<br/>In stock: 500 pcs<br/><div>RFQ</div></div>            |  <div><b>AT91SAM9G15-CU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 339 pcs<br/><div>RFQ</div></div>          |
|  <div><b>AT91SAM9G10-EK2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR SAM9G10<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>AT91SAM9G15-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9G15 MCU<br/>In stock: 2 pcs<br/><div>RFQ</div></div>       |
|  <div><b>AT91SAM9G20-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9G20 MCU<br/>In stock: 2 pcs<br/><div>RFQ</div></div>         |  <div><b>AT91SAM9G15-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 339 pcs<br/><div>RFQ</div></div> |
|  <div><b>AT91SAM9G20B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 773 pcs<br/><div>RFQ</div></div>      |  <div><b>AT91SAM9G10-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT DEV FOR SAM9G10 ARM<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>AT91SAM9G20B-CFU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 247TFBGA<br/>In stock: 137 pcs<br/><div>RFQ</div></div>   |  <div><b>AT91SAM9G10-CU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: 392 pcs<br/><div>RFQ</div></div>          |