



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT91SAM7A2-AU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7A2-AU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT ROMLESS 176LQFP                                                                                 |
|                     |  1.AT91SAM7A2-AU.pdf        |
|                     |  2.AT91SAM7A2-AU.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 5701 pcs stock                                                                                               |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of AT91SAM7A2-AU

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7A2-AU                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 176LQFP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 5701 pcs                                                                                                                                                                                                           |
| DATA SHEET                       |  1.AT91SAM7A2-AU.pdf<br> 2.AT91SAM7A2-AU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                                                                                                                   |
| SPEED                            | 30MHz                                                                                                                                                                                                              |
| SERIES                           | AT91SAM                                                                                                                                                                                                            |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | ROMless                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | -                                                                                                                                                                                                                  |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 176-LQFP                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 57                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | ARM7® AT91SAM Microcontroller IC 16/32-Bit 30MHz ROMless 176-LQFP (24x24)                                                                                                                                          |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                          |
| CORE SIZE                        | 16/32-Bit                                                                                                                                                                                                          |
| CORE PROCESSOR                   | ARM7®                                                                                                                                                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, SPI, UART/USART                                                                                                                                                                                   |
| BASE PART NUMBER                 | AT91SAM7                                                                                                                                                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7A2-AU | AT91SAM7A2-AU Distributor              | AT91SAM7A2-AU Supplier                               |
| AT91SAM7A2-AU Price                         | AT91SAM7A2-AU Pictures                 | AT91SAM7A2-AU Image                                  |
| AT91SAM7A2-AU PDF Datasheet                 | AT91SAM7A2-AU Download Datasheet       | AT91SAM7A2-AU Datasheet                              |
| AT91SAM7A2-AU Stock                         | Buy AT91SAM7A2-AU                      | Buy Micrel / Microchip Technology AT91SAM7A2-AU      |
| Micrel / Microchip Technology AT91SAM7A2-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT91SAM7A2-AU | Microchip Technology AT91SAM7A2-AU     | Roving Networks / Microchip Technology AT91SAM7A2-AU |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                     |
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|  <div><b>AT91SAM7A3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 7076 pcs<br/><div>RFQ</div></div>  |  <div><b>AT91SAM7L128-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 144BGA<br/>In stock: 4897 pcs<br/><div>RFQ</div></div>   |
|  <div><b>AT91RM9200-QU-002</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 208QFP<br/>In stock: 4516 pcs<br/><div>RFQ</div></div>          |  <div><b>AT91SAM7A1-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR AT91SAM7A1<br/>In stock: 6812 pcs<br/><div>RFQ</div></div>           |
|  <div><b>AT91SAM7A2-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR AT91SAM7A2<br/>In stock: 6699 pcs<br/><div>RFQ</div></div>         |  <div><b>AT91SAM7A1-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT ROMLESS 144LQFP<br/>In stock: 6425 pcs<br/><div>RFQ</div></div>        |
|  <div><b>AT91SAM-ICE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EMULATOR JTAG FOR ARM-BASED MCU<br/>In stock: 658 pcs<br/><div>RFQ</div></div>      |  <div><b>AT91SAM7L128-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 128LQFP<br/>In stock: 6547 pcs<br/><div>RFQ</div></div>  |
|  <div><b>AT91RM9200-QI-002</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 208QFP<br/>In stock: 2868 pcs<br/><div>RFQ</div></div> |  <div><b>AT91RM9200-QI-002-T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 208QFP<br/>In stock: 4771 pcs<br/><div>RFQ</div></div> |
|  <div><b>AT91SAM7L-STK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM7L<br/>In stock: 4431 pcs<br/><div>RFQ</div></div>            |  <div><b>AT91SAM7A3-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM7A3<br/>In stock: 5746 pcs<br/><div>RFQ</div></div>             |