

MICROCHIP

Micrel / Microchip Technology



ATSAM4SA16BB-AN

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4SA16BB-AN                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | FLASH,160K SRAM                                                                                                       |
| Datasheets:         |  <a href="#">ATSAM4SA16BB-AN.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 16321 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

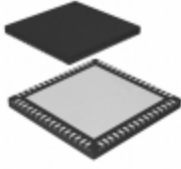
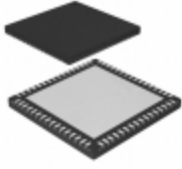
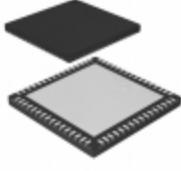
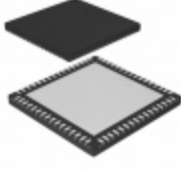
Specifications of ATSAM4SA16BB-AN

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4SA16BB-AN                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | FLASH,160K SRAM                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 16321 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">ATSAM4SA16BB-AN.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                         |
| SPEED                            | 120MHz                                                                                                                  |
| SERIES                           | SAM4S                                                                                                                   |
| RAM SIZE                         | 160K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 47                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)                               |
| DATA CONVERTERS                  | A/D 11x12b, D/A 2x12b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                                                                       |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4SA16BB-AN | ATSAM4SA16BB-AN Distributor            | ATSAM4SA16BB-AN Supplier                               |
| ATSAM4SA16BB-AN Price                         | ATSAM4SA16BB-AN Pictures               | ATSAM4SA16BB-AN Image                                  |
| ATSAM4SA16BB-AN PDF Datasheet                 | ATSAM4SA16BB-AN Download Datasheet     | ATSAM4SA16BB-AN Datasheet                              |
| ATSAM4SA16BB-AN Stock                         | Buy ATSAM4SA16BB-AN                    | Buy Micrel / Microchip Technology ATSAM4SA16BB-AN      |
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| Micrel / Microchip Technology ATSAM4SA16BB-AN | Microchip Technology ATSAM4SA16BB-AN   | Roving Networks / Microchip Technology ATSAM4SA16BB-AN |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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| <div>MICROCHIP</div> <div>ATSAM4SA16BA-MUR</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 16030 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>ATSAM4SA16BA-ANR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 6389 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATSAM4SA16BA-MUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 19885 pcs</div> <div>RFQ</div>           | <div></div> <div>ATSAM4SA16BB-MN</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: 13707 pcs</div> <div>RFQ</div>                         |
| <div></div> <div>ATSAM4SA16BA-MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 14145 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</div> <div>ATSAM4SA16CA-AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 12441 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>ATSAM4SA16BB-ANR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: 18838 pcs</div> <div>RFQ</div>               | <div>MICROCHIP</div> <div>ATSAM4SA16BA-AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 13194 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>ATSAM4SA16BA-AUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 19961 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>ATSAM4SA16CA-AN</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 5161 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATSAM4SA16BB-MNR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: 14746 pcs</div> <div>RFQ</div>                        | <div>MICROCHIP</div> <div>ATSAM4SA16CA-ANR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 6932 pcs</div> <div>RFQ</div> |