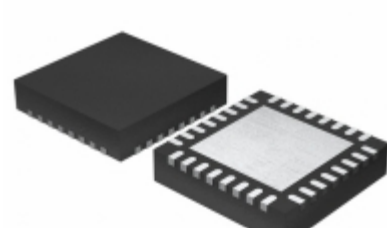

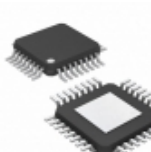

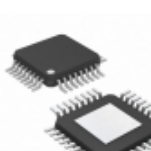
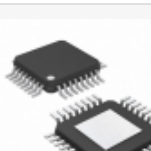









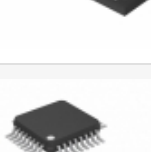
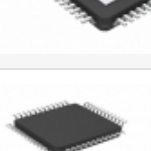
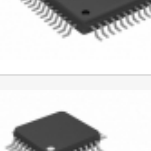


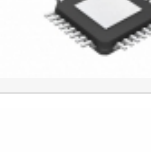



## ATSAMD21E18A-MF

|  |   |   |   |
|--|---|---|---|
|   |  | <b>Part Number:</b> <a href="#">ATSAMD21E18A-MF</a> | <b>RoHS Status:</b> Lead free / RoHS Compliant  |
|  | <b>Manufacturer:</b> <a href="#">Micrel / Microchip Technology</a>                | <b>Ship From:</b> Hong Kong                         |   |
| <b>Description:</b> IC MCU 32BIT 256KB FLASH 32QFN   |   | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS          |   |
| <b>Data sheet:</b> <a href="#">SAM D21E,G,J Summary</a><br><a href="#">SAM D21E,G,J Complete</a>   |   |   |   |
| Images are for reference only.<br>See Product Specifications for product details.<br><b>Buy ATSAMD21E18A-MF with confidence from Component-World.HK, 1 Year Warranty</b> |   |   |   |
|  |   |   | <a href="#" style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 3px;">Request For Quotation</a> |

| PRODUCT PARAMETER  |   |  |   |                       |
|--|---|--|---|-----------------------|
| <b>Part Number</b>   | ATSAMD21E18A-MF   | <b>Manufacturer</b>                    | <a href="#">Micrel / Microchip Technology</a>                                 |                       |
| <b>Description</b>   | IC MCU 32BIT 256KB FLASH 32QFN  | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant  |                       |
| <b>Quantity Available</b>  | 39420 pcs   | <b>Data sheet</b>                      | <a href="#">SAM D21E,G,J Summary</a><br><a href="#">SAM D21E,G,J Complete</a> |                       |
| <b>Category</b>  | <a href="#">Integrated Circuits (ICs)</a>   | <b>Voltage - Supply (Vcc/Vdd)</b>      | 1.62 V ~ 3.6 V  |                       |
| <b>Supplier Device Package</b>                                   | 32-QFN (5x5)  | <b>Speed</b>                           | 48MHz   |                       |
| <b>Series</b>  | SAM D21E  | <b>RAM Size</b>                        | 32K x 8   |                       |
| <b>Program Memory Type</b>                                       | FLASH   | <b>Program Memory Size</b>             | 256KB (256K x 8)  |                       |
| <b>Peripherals</b>   | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                  | <b>Packaging</b>                       | Tray  |                       |
| <b>Package / Case</b>  | 32-VFQFN Exposed Pad  | <b>Oscillator Type</b>                 | Internal  |                       |
| <b>Operating Temperature</b>                                     | -40°C ~ 125°C (TA)  | <b>Number of I/O</b>                   | 26  |                       |
| <b>Moisture Sensitivity Level (MSL)</b> <sup>3</sup> (168 Hours) |   | <b>Manufacturer Standard Lead Time</b> | 6 Weeks   |                       |
| <b>Lead Free Status / RoHS Status</b>                            | Lead free / RoHS Compliant  | <b>EEPROM Size</b>                     | -   |                       |
| <b>Detailed Description</b>                                      | ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 32-QFN (5x5) |  | <b>Data Converters</b>  | A/D 10x12b, D/A 1x10b |
| <b>Core Size</b>   | 32-Bit  | <b>Core Processor</b>                  | ARM® Cortex®-M0+  |                       |
| <b>Connectivity</b>  | I <sup>2</sup> C, LINbus, SPI, UART/USART, USB  | <b>Base Part Number</b>                | ATSAMD21E18   |                       |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 39420 pieces of Micrel / Microchip Technology ATSAMD21E18A-MF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS   |   |   |   |
|--|---|---|---|
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-AUT</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32TQFP | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15B-AU</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48TQFP   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-AF</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32TQFP  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-AU</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32TQFP  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-MUT</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32QFN  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15B-AFT</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48TQFP  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15A-MUT</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48QFN   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-MF</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32QFN   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-MFT</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32QFN  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15B-AF</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48TQFP   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-MU</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32QFN   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15A-MU</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48QFN    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-MUT</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32QFN  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-AU</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32TQFP  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15A-AUT</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48TQFP  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E18A-AFT</a><br><b>Description:</b> IC MCU 32BIT 256KB FLASH 32TQFP | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-MFT</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32QFN  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-AUT</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32TQFP | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21E17A-MU</a><br><b>Description:</b> IC MCU 32BIT 128KB FLASH 32QFN   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |
|  | <b>Part#:</b> <a href="#">ATSAMD21G15A-AU</a><br><b>Description:</b> IC MCU 32BIT 32KB FLASH 48TQFP   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#" style="border: 1px solid #ccc; border-radius: 3px; padding: 2px 5px;">RFQ</a> |

### Related keywords for ATSAMD21E18A-MF

|   |                                      |  |                       |
|---|--------------------------------------|--|-----------------------|
| Micrel / Microchip Technology ATSAMD21E18A-MF | ATSAMD21E18A-MF distributor          | ATSAMD21E18A-MF supplier               | ATSAMD21E18A-MF price |
| ATSAMD21E18A-MF download datasheet            | ATSAMD21E18A-MF datasheet            | ATSAMD21E18A-MF stock                  | buy ATSAMD21E18A-MF   |
| Micrel / Microchip Technology ATSAMD21E18A-MF | Microchip Technology ATSAMD21E18A-MF | Roving Networks / Microchip Technology |                       |
|   |                                      | ATSAMD21E18A-MF                        |                       |