

ATSAMD20J14A-MNT



Part Number:

ATSAMD20J14A-MNT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 16KB FLASH 64QFN

Data sheet:

 [SAM D20\(E,G,J\) Summary](#)

 [SAM D20 Family Silicon Errata](#)

 [SAM D20 Family Complete Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

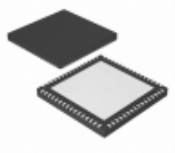
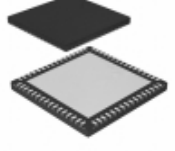
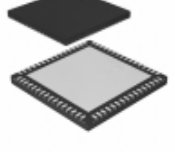
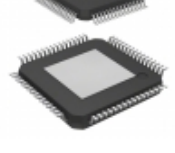
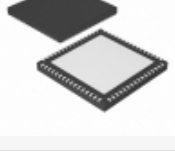
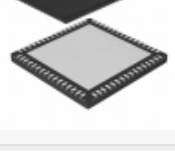
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy ATSAMD20J14A-MNT with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                  |                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAMD20J14A-MNT                                                                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 16KB FLASH 64QFN                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 49871 pcs                                                                                   | Data sheet                       | <a href="#">SAM D20(E,G,J) Summary</a><br><a href="#">SAM D20 Family Silicon Errata</a><br><a href="#">SAM D20 Family Complete</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                                   | Voltage - Supply (Vcc/Vdd)       | <a href="#">Datasheet</a><br>1.62 V ~ 3.6 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-QFN (9x9)                                                                                | Speed                            | 48MHz                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAM D20J                                                                                    | RAM Size                         | 2K x 8                                                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                                       | Program Memory Size              | 16KB (16K x 8)                                                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, POR, WDT                                                            | Packaging                        | Original-Reel®                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-VFQFN Exposed Pad                                                                        | Other Names                      | ATSAMD20J14A-MNTDKR                                                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                                    | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                                 |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 52                                                                                          | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                                  | EEPROM Size                      | -                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 64-QFN (9x9) | Data Converters                  | A/D 20x12b, D/A 1x10b                                                                                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32-Bit                                                                                      | Core Processor                   | ARM® Cortex®-M0+                                                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I²C, SPI, UART/USART                                                                        |                                  |                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 49871 pieces of Micrel / Microchip Technology ATSAMD20J14A-MNT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                             |                                  |                                                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAMD20J14B-MU</a><br>Description: 64QFN IND TEMP, GREEN,1.6-3.6V,4  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J15A-AN</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-MN</a><br>Description: IC MCU 32BIT 16KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J15A-AUT</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-CN</a><br>Description: IC MCU 32BIT 16KB FLASH 64UFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J15A-ANT</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-MUT</a><br>Description: IC MCU 32BIT 16KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20G18A-UUT</a><br>Description: IC MCU 32BIT 256KB FLASH 45WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-ANT</a><br>Description: IC MCU 32BIT 16KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J15A-AU</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-CU</a><br>Description: IC MCU 32BIT 16KB FLASH 64UFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-CUT</a><br>Description: IC MCU 32BIT 16KB FLASH 64UFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-AU</a><br>Description: IC MCU 32BIT 16KB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-AN</a><br>Description: IC MCU 32BIT 16KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14B-AUT</a><br>Description: 64TQFP IND TEMP, GREEN,1.6-3.6V, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14B-MUT</a><br>Description: 64QFN IND TEMP, GREEN,1.6-3.6V,4 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-AUT</a><br>Description: IC MCU 32BIT 16KB FLASH 64LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-CNT</a><br>Description: IC MCU 32BIT 16KB FLASH 64UFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14B-AU</a><br>Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMD20J14A-MU</a><br>Description: IC MCU 32BIT 16KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                                |                                                |                                       |                                        |
|------------------------------------------------|------------------------------------------------|---------------------------------------|----------------------------------------|
| Related keywords for <b>ATSAMD20J14A-MNT</b>   |                                                |                                       |                                        |
| Micrel / Microchip Technology ATSAMD20J14A-MNT | ATSAMD20J14A-MNT distributor                   | ATSAMD20J14A-MNT supplier             | ATSAMD20J14A-MNT price                 |
|                                                | ATSAMD20J14A-MNT download datasheet            | ATSAMD20J14A-MNT datasheet            | ATSAMD20J14A-MNT stock                 |
| buy ATSAMD20J14A-MNT                           | Micrel / Microchip Technology ATSAMD20J14A-MNT | Microchip Technology ATSAMD20J14A-MNT | Roving Networks / Microchip Technology |
|                                                | MNT                                            |                                       | ATSAMD20J14A-MNT                       |