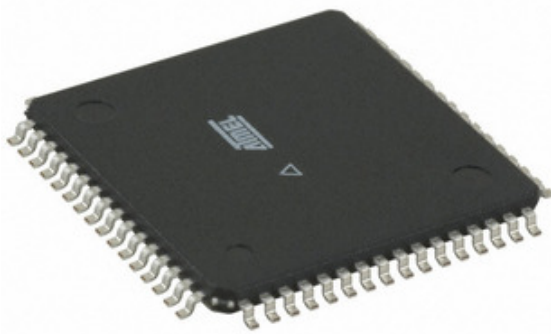




Micrel / Microchip Technology



ATSAMD20J15A-AN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD20J15A-AN                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 32KB FLASH 64TQFP                                                                               |
|                     | <a href="#">1.ATSAMD20J15A-AN.pdf</a>                                                                        |
|                     | <a href="#">2.ATSAMD20J15A-AN.pdf</a>                                                                        |
|                     | <a href="#">3.ATSAMD20J15A-AN.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

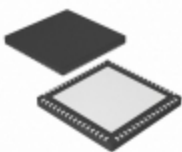
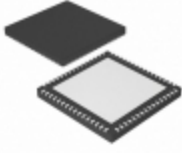
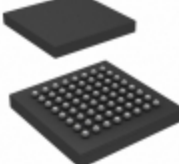
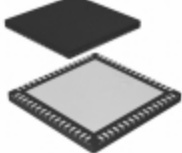
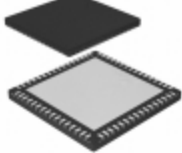
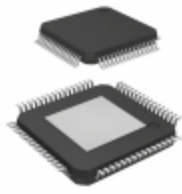
Specifications of ATSAMD20J15A-AN

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD20J15A-AN                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       | <a href="#">1.ATSAMD20J15A-AN.pdf</a><br><a href="#">2.ATSAMD20J15A-AN.pdf</a><br><a href="#">3.ATSAMD20J15A-AN.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                         |
| SPEED                            | 48MHz                                                                                                                   |
| SERIES                           | SAM D20J                                                                                                                |
| RAM SIZE                         | 4K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, WDT                                                                                        |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 64-TQFP Exposed Pad                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 52                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 64-TQFP (10x10)                          |
| DATA CONVERTERS                  | A/D 20x12b, D/A 1x10b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                        |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                    |
| BASE PART NUMBER                 | ATSAMD20J15                                                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD20J15A-AN | ATSAMD20J15A-AN Distributor            | ATSAMD20J15A-AN Supplier                               |
| ATSAMD20J15A-AN Price                         | ATSAMD20J15A-AN Pictures               | ATSAMD20J15A-AN Image                                  |
| ATSAMD20J15A-AN PDF Datasheet                 | ATSAMD20J15A-AN Download Datasheet     | ATSAMD20J15A-AN Datasheet                              |
| ATSAMD20J15A-AN Stock                         | Buy ATSAMD20J15A-AN                    | Buy Micrel / Microchip Technology ATSAMD20J15A-AN      |
| Micrel / Microchip Technology ATSAMD20J15A-AN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAMD20J15A-AN | Microchip Technology ATSAMD20J15A-AN   | Roving Networks / Microchip Technology ATSAMD20J15A-AN |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATSAMD20J14B-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64QFN IND TEMP, GREEN,1.6-3.6V,4<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMD20J15A-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD20J14B-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64QFN IND TEMP, GREEN,1.6-3.6V,4<br/>In stock: 520 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMD20J15A-CNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD20J14B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,<br/>In stock: 480 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMD20J15A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD20J14A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMD20J15A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 480 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ATSAMD20J14A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>ATSAMD20J15A-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD20J14B-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMD20J15A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |