



Microchip Technology



ATSAMD20J17A-CUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD20J17A-CUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 64UFBGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 43375 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

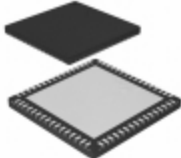
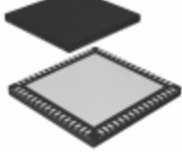
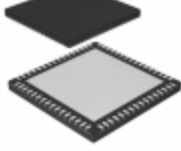
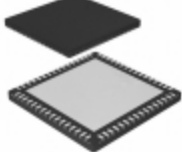
Specifications of ATSAMD20J17A-CUT

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD20J17A-CUT                                                                 |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64UFBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 43375 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| SERIES                           | SAM D20J                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                            |
| REQUIRES                         | Brown-out Detect/Reset, POR, WDT                                                 |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                                 |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                             |
| OTHER NAMES                      | 1611-ATSAMD20J17A-CUTDKR                                                         |
| OSCILLATOR TYPE                  | A/D 20x12b, D/A 1x10b                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| OPERATING SYSTEM                 | ARM® Cortex®-M0+                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| MANUFACTURER PART NUMBER         | ATSAMD20J17A-CUT                                                                 |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64UFBGA                                                 |
| DATA SRAM BYTES                  | -                                                                                |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                                   |
| CORE SIZE                        | 16K x 8                                                                          |
| CONTROLLER SERIES                | Internal                                                                         |
| CONNECTIVITY                     | 32-Bit                                                                           |
| CLOCK RATE                       | 52                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD20J17A-CUT | ATSAMD20J17A-CUT Distributor           | ATSAMD20J17A-CUT Supplier                               |
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Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>ATSAMD20J17A-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 44448 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAMD20J17A-CUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: 41495 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD20J17A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: 47260 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMD20J17A-CNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: 32467 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMD20J18A-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 35842 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMD20J17A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 54047 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATSAMD20J17A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 45145 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMD20J17A-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 38470 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD20J17A-MNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 45886 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMD20J17A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 47046 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATSAMD20J17A-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: 44384 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMD20J17A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 46808 pcs<br/><div>RFQ</div></div>    |