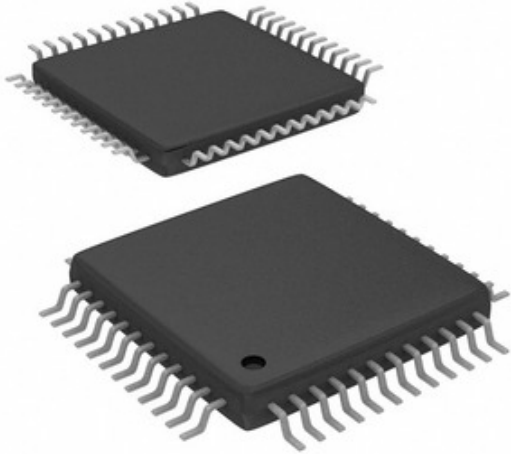




Micrel / Microchip Technology



ATSAMC20E16A-AUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMC20E16A-AUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 64KB FLASH 32TQFP                                                                               |
|                     | <a href="#">1.ATSAMC20E16A-AUT.pdf</a>                                                                       |
|                     | <a href="#">2.ATSAMC20E16A-AUT.pdf</a>                                                                       |
|                     | <a href="#">3.ATSAMC20E16A-AUT.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

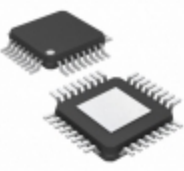
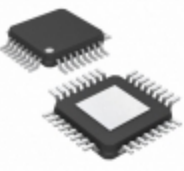
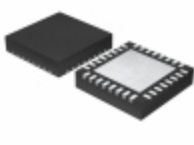
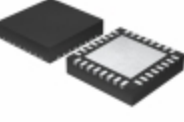
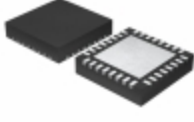
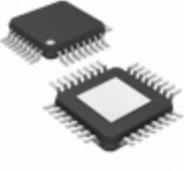
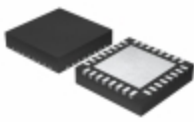
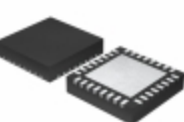
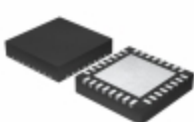
Specifications of ATSAMC20E16A-AUT

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMC20E16A-AUT                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 32TQFP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DATA SHEET                       | <a href="#">1.ATSAMC20E16A-AUT.pdf</a><br><a href="#">2.ATSAMC20E16A-AUT.pdf</a><br><a href="#">3.ATSAMC20E16A-AUT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                              |
| SPEED                            | 48MHz                                                                                                                      |
| SERIES                           | SAM C20                                                                                                                    |
| RAM SIZE                         | 8K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                           |
| PACKAGE / CASE                   | 48-TQFP                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 26                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ SAM C20 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 48-TQFP (7x7)                                |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                           |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMC20E16A-AUT | ATSAMC20E16A-AUT Distributor           | ATSAMC20E16A-AUT Supplier                               |
| ATSAMC20E16A-AUT Price                         | ATSAMC20E16A-AUT Pictures              | ATSAMC20E16A-AUT Image                                  |
| ATSAMC20E16A-AUT PDF Datasheet                 | ATSAMC20E16A-AUT Download Datasheet    | ATSAMC20E16A-AUT Datasheet                              |
| ATSAMC20E16A-AUT Stock                         | Buy ATSAMC20E16A-AUT                   | Buy Micrel / Microchip Technology ATSAMC20E16A-AUT      |
| Micrel / Microchip Technology ATSAMC20E16A-AUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMC20E16A-AUT | Microchip Technology ATSAMC20E16A-AUT  | Roving Networks / Microchip Technology ATSAMC20E16A-AUT |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATSAMC20E17A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATSAMC20-QTRDEMO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL KIT FOR SAMC20 QTOUCH<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>ATSAMC20E15A-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAMC20E16A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAMC20E17A-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATSAMC20E16A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAMC20E15A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAMC20E16A-MNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAMC20E15A-ANT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAMC20E15A-MNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 32VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATSAMC20E17A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATSAMC20E17A-MNT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |