



Micrel / Microchip Technology

## ATSAMC20E17A-MUT

Part Number:	ATSAMC20E17A-MUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 128KB FLASH 32QFN <a href="#">PDF</a> 1.ATSAMC20E17A-MUT.pdf <a href="#">PDF</a> 2.ATSAMC20E17A-MUT.pdf <a href="#">PDF</a> 3.ATSAMC20E17A-MUT.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATSAMC20E17A-MUT

PART NUMBER	ATSAMC20E17A-MUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.ATSAMC20E17A-MUT.pdf <a href="#">PDF</a> 2.ATSAMC20E17A-MUT.pdf <a href="#">PDF</a> 3.ATSAMC20E17A-MUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-VQFN (5x5)
SPEED	48MHz
SERIES	SAM C20
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-VFQFN Exposed Pad
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 128KB (128K x 8) FLASH 32-VQFN (5x5)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART

### Related Tags

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### Related Products

<p><b>ATSAMC20E17A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 128KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMC20E17A-MUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 128KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMC20E16A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMC20E16A-MUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 32VQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMC20E18A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMC20E17A-MNT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 128KB FLASH 32QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMC20E18A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 32TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMC20G15A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 48TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
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