




Micrel / Microchip Technology

ATSAMC20E18A-ANT

Part Number:	ATSAMC20E18A-ANT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 32TQFP
Datasheets:	1. ATSAMC20E18A-ANT.pdf 2. ATSAMC20E18A-ANT.pdf 3. ATSAMC20E18A-ANT.pdf
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 ATSAMC20E18A-ANT

PART NUMBER	ATSAMC20E18A-ANT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1. ATSAMC20E18A-ANT.pdf 2. ATSAMC20E18A-ANT.pdf 3. ATSAMC20E18A-ANT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
SPEED	48MHz
SERIES	SAM C20
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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 256KB (256K x 8) FLASH 32-TQFP (7x7)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART

Related Tags

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 <p>ATSAMC20E17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: Out stock RFQ</p>	 <p>ATSAMC20E16A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32VQFN In stock: Out stock RFQ</p>
 <p>ATSAMC20E18A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32VQFN In stock: Out stock RFQ</p>	 <p>ATSAMC20E16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32VQFN In stock: Out stock RFQ</p>
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 <p>ATSAMC20E17A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32TQFP In stock: Out stock RFQ</p>	 <p>ATSAMC20E17A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32TQFP In stock: Out stock RFQ</p>
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