




Micrel / Microchip Technology

ATSAMD20J16A-CU

Part Number:	ATSAMD20J16A-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 64KB FLASH 64UFBGA
Datasheets:	1.ATSAMD20J16A-CU.pdf 2.ATSAMD20J16A-CU.pdf 3.ATSAMD20J16A-CU.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 ATSAMD20J16A-CU

PART NUMBER	ATSAMD20J16A-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64UFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD20J16A-CU.pdf 2.ATSAMD20J16A-CU.pdf 3.ATSAMD20J16A-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	48MHz
SERIES	SAM D20J
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	27 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-UFBGA (5x5)
DATA CONVERTERS	A/D 20x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20J16

Related Tags

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 <p>ATSAMD20J16A-CUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64UFBGA In stock: Out stock RFQ</p>	 <p>ATSAMD20J16A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: Out stock RFQ</p>
 <p>ATSAMD20J16A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: Out stock RFQ</p>	 <p>ATSAMD20J16A-CUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 64UFBGA In stock: Out stock RFQ</p>
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