



Micrel / Microchip Technology

## ATSAMD20J15A-MN

Part Number:	ATSAMD20J15A-MN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 32KB FLASH 64QFN <a href="#">PDF</a> 1.ATSAMD20J15A-MN.pdf <a href="#">PDF</a> 2.ATSAMD20J15A-MN.pdf <a href="#">PDF</a> 3.ATSAMD20J15A-MN.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 ATSAMD20J15A-MN

PART NUMBER	ATSAMD20J15A-MN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 32KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.ATSAMD20J15A-MN.pdf <a href="#">PDF</a> 2.ATSAMD20J15A-MN.pdf <a href="#">PDF</a> 3.ATSAMD20J15A-MN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	48MHz
SERIES	SAM D20J
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	64-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 20x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20J15

### Related Tags

Micrel / Microchip Technology ATSAMD20J15A-MN	ATSAMD20J15A-MN Distributor	ATSAMD20J15A-MN Supplier
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### Related Products

<p><b>ATSAMD20J15A-CN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64UFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15B-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMD20J15A-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15A-MNT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMD20J15A-MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15A-CUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64UFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMD20J15A-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64UFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15A-MUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ATSAMD20J15A-CUT</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64UFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15B-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,                  In stock: 480 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAMD20J15A-CNT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB FLASH 64UFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ATSAMD20J15B-MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,4                  In stock: 520 pcs  <a href="#">RFQ</a></p>

