




Micrel / Microchip Technology

ATSAMD20G18A-AN

Part Number:	ATSAMD20G18A-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 48TQFP
Datasheets:	1.ATSAMD20G18A-AN.pdf 2.ATSAMD20G18A-AN.pdf 3.ATSAMD20G18A-AN.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.

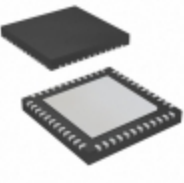


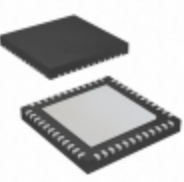



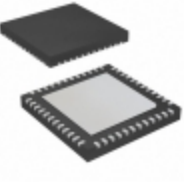
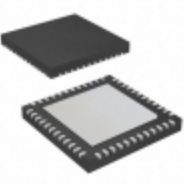
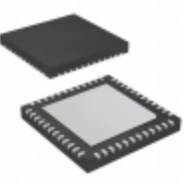


Specifications of ATSAMD20G18A-AN

PART NUMBER	ATSAMD20G18A-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD20G18A-AN.pdf 2.ATSAMD20G18A-AN.pdf 3.ATSAMD20G18A-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-TQFP (7x7)
SPEED	48MHz
SERIES	SAM D20G
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	48-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20G Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-TQFP (7x7)
DATA CONVERTERS	A/D 14x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20G18

Related Tags

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Related Products

 <p>ATSAMD20G17A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 813 pcs RFQ</p>	 <p>ATSAMD20G17A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 45WLCSP In stock: Out stock RFQ</p>
 <p>ATSAMD20G18A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>	 <p>ATSAMD20G17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>
 <p>ATSAMD20G18A-ANT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>	 <p>ATSAMD20G17A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 45WLCSP In stock: Out stock RFQ</p>
 <p>ATSAMD20G18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 922 pcs RFQ</p>	 <p>ATSAMD20G17A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>
 <p>ATSAMD20G17A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>	 <p>ATSAMD20G18A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p>
 <p>ATSAMD20G18A-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p>	 <p>ATSAMD20G18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 525 pcs RFQ</p>

