



ATSAMD20G18A-AU

Part Number:	ATSAMD20G18A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 48TQFP
	PDF 1.ATSAMD20G18A-AU.pdf PDF 2.ATSAMD20G18A-AU.pdf PDF 3.ATSAMD20G18A-AU.pdf
Datasheets:	
RoHs Status	Checkmark Lead free / RoHS Compliant
Stock Condition	37778 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of ATSAMD20G18A-AU

PART NUMBER	ATSAMD20G18A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	37778 pcs
DATA SHEET	PDF 1.ATSAMD20G18A-AU.pdf PDF 2.ATSAMD20G18A-AU.pdf PDF 3.ATSAMD20G18A-AU.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 ~ 85°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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	I²C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20G18

Related Tags

Micrel / Microchip Technology ATSAMD20G18A-AU	ATSAMD20G18A-AU Distributor	ATSAMD20G18A-AU Supplier
ATSAMD20G18A-AU Price	ATSAMD20G18A-AU Pictures	ATSAMD20G18A-AU Image
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Related Products

 ATSAMD20G17A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 45WLCSP In stock: 51624 pcs RFQ	 ATSAMD20G18A-ANT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 44297 pcs RFQ
 ATSAMD20G18A-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 40275 pcs RFQ	 ATSAMD20G18A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 40257 pcs RFQ
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 ATSAMD20G18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 52885 pcs RFQ	 ATSAMD20G17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 53104 pcs RFQ