

Image may be representation.
See specifications for product details.



ATSAMD20G17A-AUT

Manufacturer Part Number	ATSAMD20G17A-AUT
Manufacturer	Atmel
Allelco Part Number	32D-ATSAMD20G17A-AUT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 128KB FLASH 48TQFP
Package	48-TQFP
Data sheet	ATSAMD20G17A-AUT.pdf

Get a Quote

ATSAMD20G17A-AUT - Atmel.New Original in Stock. Download Linear Technology ATSAMD20G17A-AUT datasheet/specifications on AllelcoElec.com.
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Specifications

ATSAMD20G17A-AUT Tech Specifications
ATSAMD20G17A-AUT - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	48-TQFP (7x7)	Number of I/O	38
Speed	48MHz	Mounting Type	Surface Mount
Series	SAM D20G	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 14x12b; D/A 1x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, POR, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	48-TQFP	Base Product Number	ATSAMD20
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATSAMD20G17A-AUT

Product Attribute				
Part Number	ATSAMD20G17A-AUT	ATSAMD20G18A-MUT	ATSAMD20G17A-UUT	ATSAMD20G17A-AU
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Package / Case	48-TQFP	48-VFQFN Exposed Pad	45-XFBGA, WLCSP	48-TQFP
Oscillator Type	Internal	Internal	Internal	Internal
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tray
EEPROM Size	-	-	-	-
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Speed	48MHz	48MHz	48MHz	48MHz
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V	1.62V ~ 3.6V	1.62V ~ 3.6V	1.62V ~ 3.6V
Data Converters	A/D 14x12b; D/A 1x10b	A/D 14x12b; D/A 1x10b	A/D 14x12b; D/A 1x10b	A/D 14x12b; D/A 1x10b
Number of I/O	38	38	38	38
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	48-TQFP (7x7)	48-QFN (7x7)	45-WLCSP	48-TQFP (7x7)
Series	SAM D20G	SAM D20G	SAM D20G	SAM D20G
Base Product Number	ATSAMD20	ATSAMD20	ATSAMD20	ATSAMD20
RAM Size	16K x 8	32K x 8	16K x 8	16K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	256KB (256K x 8)	128KB (128K x 8)	128KB (128K x 8)

Customers Also Interested in

Recommended Products



ATSAMD20G18A-MUT
Microchip Technology
IC MCU 32BIT 256KB FLASH 48QFN



ATSAMD20G17A-UUT
Microchip Technology
IC MCU 32BIT 128KB FLASH 45WLCSP



ATSAMD20G17A-AU
Microchip Technology
IC MCU 32BIT 128KB FLASH 48TQFP



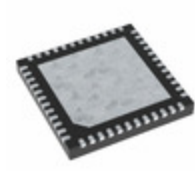
ATSAMD20G17A-U
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ATSAMD20G16A-MU
Microchip Technology
IC MCU 32BIT 64KB FLASH 48QFN



ATSAMD20G17A-ANT
Microchip Technology
IC MCU 32BIT 128KB FLASH 48TQFP

**ATSAMD20G17A-AN**Microchip Technology
IC MCU 32BIT 128KB FLASH 48TQFP**ATSAMD20G17A-AU**Atmel
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IC MCU 32BIT 64KB FLASH 48TQFP**ATSAMD20G16A-MUT**Microchip Technology
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IC MCU 32BIT 256KB FLASH 48QFN**ATSAMD20G18A-MU**Microchip Technology
IC MCU 32BIT 256KB FLASH 48QFN**ATSAMD20G16B-MU**Microchip Technology
IC MCU 32BIT 64KB FLASH 48VQFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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