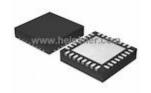


## ATSAMD20E15A-MN

#### **ATSAMD20E15A-MN Information**



For Reference Only

Part Number ATSAMD20E15A-MN

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 32BIT 32KB FLASH 32QFN

Package 32-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **ATSAMD20E15A-MN Specifications**

|                            | Report errors?                   |
|----------------------------|----------------------------------|
| Supplier Device Package    | 32-QFN (5x5)                     |
| Package / Case             | 32-VFQFN Exposed Pad             |
| Mounting Type              | -                                |
| Operating Temperature      | -40°C ~ 105°C (TA)               |
| Oscillator Type            | Internal                         |
| Data Converters            | A/D 10x12b, D/A 1x10b            |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.6 V                   |
| RAM Size                   | 4K x 8                           |
| EEPROM Size                | -                                |
| Program Memory Type        | FLASH                            |
| Program Memory Size        | 32KB (32K x 8)                   |
| Number of I/O              | 26                               |
| Peripherals                | Brown-out Detect/Reset, POR, WDT |
| Connectivity               | I2C, SPI, UART/USART             |
| Speed                      | 48MHz                            |
| Core Size                  | 32-Bit                           |
| Core Processor             | ARM? Cortex?-M0+                 |
| Series                     | SAM D20E                         |
| Package                    | 32-VFQFN Exposed Pad             |
|                            | Embedded - Microcontrollers      |
| Category                   | Integrated Circuits (ICs)        |
| Manufacturer               | Microchip Technology             |
| Manufacturer Part Number   | ATSAMD20E15A-MN                  |

#### **ATSAMD20E15A-MN Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **ATSAMD20E15A-MN Payment Methods**



















### **ATSAMD20E15A-MN Shipping Methods**













If you have any question about ATSAMD20E15A-MN, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com