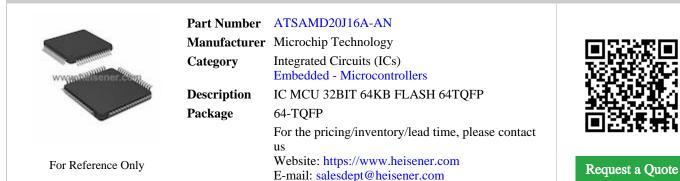


## ATSAMD20J16A-AN

#### ATSAMD20J16A-AN Information



#### **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.



### **ATSAMD20J16A-AN Specifications**

| Manufacturer Part Number   | ATSAMD20J16A-AN                  |                |
|----------------------------|----------------------------------|----------------|
| Manufacturer               | Microchip Technology             |                |
| Category                   | Integrated Circuits (ICs)        |                |
|                            | Embedded - Microcontrollers      |                |
| Package                    | 64-TQFP                          |                |
| Series                     | SAM D20J                         |                |
| Core Processor             | ARM? Cortex?-M0+                 |                |
| Core Size                  | 32-Bit                           |                |
| Speed                      | 48MHz                            |                |
| Connectivity               | I2C, SPI, UART/USART             |                |
| Peripherals                | Brown-out Detect/Reset, POR, WDT |                |
| Number of I/O              | 52                               |                |
| Program Memory Size        | 64KB (64K x 8)                   |                |
| Program Memory Type        | FLASH                            |                |
| EEPROM Size                | -                                |                |
| RAM Size                   | 8K x 8                           |                |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.6 V                   |                |
| Data Converters            | A/D 20x12b, D/A 1x10b            |                |
| Oscillator Type            | Internal                         |                |
| Operating Temperature      | -40°C ~ 105°C (TA)               |                |
| Mounting Type              | -                                |                |
| Package / Case             | 64-TQFP                          |                |
| Supplier Device Package    | 64-TQFP (10x10)                  |                |
|                            |                                  | Report errors? |

#### **ATSAMD20J16A-AN 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **ATSAMD20J16A-AN Payment Methods**





If you have any question about ATSAMD20J16A-AN, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com