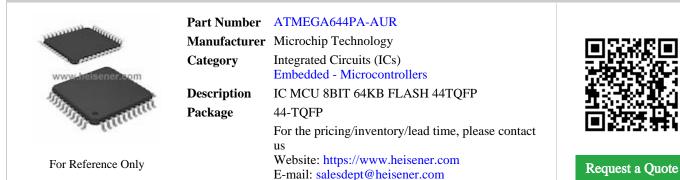


## ATMEGA644PA-AUR

#### **ATMEGA644PA-AUR 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.



### **ATMEGA644PA-AUR Specifications**

| Manufacturer Part Number   | ATMEGA644PA-AUR                       |
|----------------------------|---------------------------------------|
| Manufacturer               | Microchip Technology                  |
| Category                   | Integrated Circuits (ICs)             |
|                            | Embedded - Microcontrollers           |
| Package                    | 44-TQFP                               |
| Series                     | AVR? ATmega                           |
| Core Processor             | AVR                                   |
| Core Size                  | 8-Bit                                 |
| Speed                      | 20MHz                                 |
| Connectivity               | I2C, SPI, UART/USART                  |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT |
| Number of I/O              | 32                                    |
| Program Memory Size        | 64KB (32K x 16)                       |
| Program Memory Type        | FLASH                                 |
| EEPROM Size                | 2K x 8                                |
| RAM Size                   | 4K x 8                                |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.5 V                         |
| Data Converters            | A/D 8x10b                             |
| Oscillator Type            | Internal                              |
| Operating Temperature      | -40°C ~ 85°C (TA)                     |
| Mounting Type              | -                                     |
| Package / Case             | 44-TQFP                               |
| Supplier Device Package    | 44-TQFP (10x10)                       |
|                            | Report errors?                        |

#### **ATMEGA644PA-AUR 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.

#### **ATMEGA644PA-AUR Payment Methods**



If you have any question about ATMEGA644PA-AUR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com