

ATMEGA168PB-ANR



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Part Number: [ATMEGA168PB-ANR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 32TQFP

Data sheet:  [ATmega48/88/168PB Summary](#)  
 [ATmega48/88/168PB Datasheet](#)

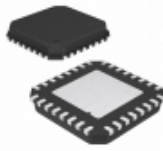
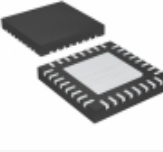
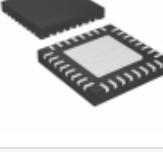
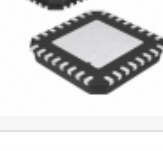
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATMEGA168PB-ANR                           | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 16KB FLASH 32TQFP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 87424 pcs                                 | Data sheet                     | <a href="#">ATmega48/88/168PB Summary</a><br><a href="#">ATmega48/88/168PB Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 5.5 V                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 32-TQFP (7x7)                             | Speed                          | 20MHz                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVR® ATmega                               | RAM Size                       | 1K x 8                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 16KB (8K x 16)                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                      | Tape & Reel (TR)                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32-TQFP                                   | Oscillator Type                | Internal                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 105°C (TA)                        | Number of I/O                  | 27                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 512 x 8                                   | Detailed Description           | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 32-TQFP (7x7)        |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x10b                                 | Core Size                      | 8-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AVR                                       | Connectivity                   | I²C, SPI, UART/USART                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ATMEGA168                                 |                                |                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 87424 pieces of Micrel / Microchip Technology ATMEGA168PB-ANR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA168PA-MN</a><br>Description: IC MCU 8BIT 16KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-MN</a><br>Description: IC MCU 8BIT 16KB FLASH 32VFQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-MUR</a><br>Description: IC MCU 8BIT 16KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PV-10AN</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PV-10AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PV-10ANR</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-MU</a><br>Description: IC MCU 8BIT 16KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-CCUR</a><br>Description: IC MCU 8BIT 16KB FLASH 32UFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PV-10AU</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-AN</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-PU</a><br>Description: IC MCU 8BIT 16KB FLASH 28DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-AU</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-MU</a><br>Description: IC MCU 8BIT 16KB FLASH 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-PN</a><br>Description: IC MCU 8BIT 16KB FLASH 28DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-MNR</a><br>Description: IC MCU 8BIT 16KB FLASH 32VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-MMHR</a><br>Description: IC MCU 8BIT 16KB FLASH 28VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-XMINI</a><br>Description: EVAL KIT FOR MEGA168PB        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PB-AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA168PA-MMH</a><br>Description: IC MCU 8BIT 16KB FLASH 28VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA168PB-ANR

|                                               |                                      |                                                           |                       |
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| ATMEGA168PB-ANR download datasheet            | ATMEGA168PB-ANR datasheet            | ATMEGA168PB-ANR stock                                     | buy ATMEGA168PB-ANR   |
| Micrel / Microchip Technology ATMEGA168PB-ANR | Microchip Technology ATMEGA168PB-ANR | Roving Networks / Microchip Technology<br>ATMEGA168PB-ANR |                       |