



ATMEGA168-20MUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA168-20MUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 32VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 41236 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

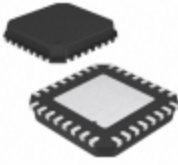
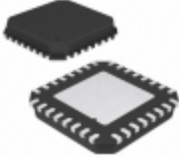
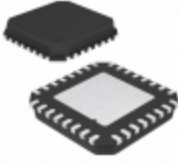
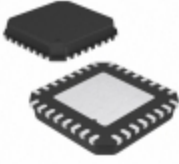
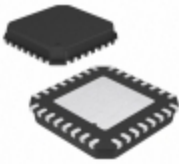
Specifications of ATMEGA168-20MUR

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA168-20MUR                                                                   |
| MANUFACTURER                     | Microchip Technology                                                              |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32VQFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 41236 pcs                                                                         |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                             |
| VOLTAGE - BREAKDOWN              | 32-VQFN (5x5)                                                                     |
| SERIES                           | AVR® ATmega                                                                       |
| ROHS STATUS                      | Digi-Reel®                                                                        |
| REVERSE RECOVERY TIME (TRR)      | 20MHz                                                                             |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                             |
| PROGRAM MEMORY TYPE              | 16KB (8K x 16)                                                                    |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                              |
| POLARIZATION                     | 32-VFQFN Exposed Pad                                                              |
| OTHER NAMES                      | 1611-ATMEGA168-20MURDKR                                                           |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                 |
| OPERATING SYSTEM                 | AVR                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                     |
| MANUFACTURER PART NUMBER         | ATMEGA168-20MUR                                                                   |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 32-VQFN (5x5) |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32VQFN                                                     |
| DATA SRAM BYTES                  | 512 x 8                                                                           |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                                     |
| CORE SIZE                        | 1K x 8                                                                            |
| CONTROLLER SERIES                | Internal                                                                          |
| CONNECTIVITY                     | 8-Bit                                                                             |
| CLOCK RATE                       | 23                                                                                |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA168-20MUR | ATMEGA168-20MUR Distributor            | ATMEGA168-20MUR Supplier                               |
| ATMEGA168-20MUR Price                         | ATMEGA168-20MUR Pictures               | ATMEGA168-20MUR Image                                  |
| ATMEGA168-20MUR PDF Datasheet                 | ATMEGA168-20MUR Download Datasheet     | ATMEGA168-20MUR Datasheet                              |
| ATMEGA168-20MUR Stock                         | Buy ATMEGA168-20MUR                    | Buy Micrel / Microchip Technology ATMEGA168-20MUR      |
| Micrel / Microchip Technology ATMEGA168-20MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA168-20MUR | Microchip Technology ATMEGA168-20MUR   | Roving Networks / Microchip Technology ATMEGA168-20MUR |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>ATMEGA168-20MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 35856 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATMEGA168-XMINI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EXPLAINED MINI ATMEGA168<br/>In stock: 3235 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATMEGA168A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 50913 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATMEGA168-20MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 41515 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATMEGA168A-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 53284 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATMEGA168-20AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 39775 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATMEGA168-20MQR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 38703 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATMEGA168-20MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 4067 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATMEGA168-20PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28DIP<br/>In stock: 29529 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATMEGA168-20MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 37695 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATMEGA168-20PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28DIP<br/>In stock: 4026 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA168-20MQR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32VQFN<br/>In stock: 40157 pcs<br/><div>RFQ</div></div>          |