

MICROCHIP

Micrel / Microchip Technology

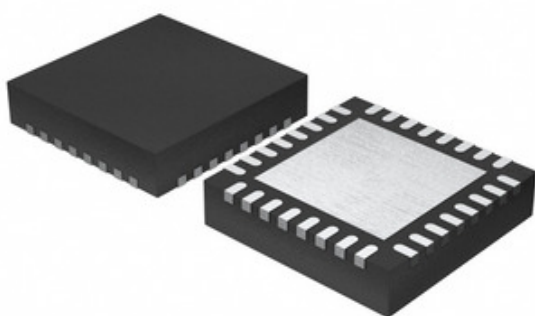


Image may be representation. See specifications for product details.

ATMEGA168-15MT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA168-15MT                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 32QFN                                                                                 |
| Datasheets:         |  ATMEGA168-15MT.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5290 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

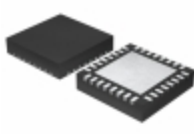
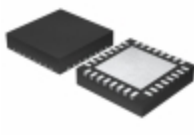
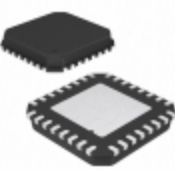
Specifications of ATMEGA168-15MT

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA168-15MT                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32QFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 5290 pcs                                                                                               |
| DATA SHEET                       |  ATMEGA168-15MT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                           |
| SPEED                            | 16MHz                                                                                                  |
| SERIES                           | Automotive, AEC-Q100, 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                        | Cut Tape (CT)                                                                                          |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                   |
| OTHER NAMES                      | ATMEGA168-15MTCT                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 23                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | 512 x 8                                                                                                |
| DETAILED DESCRIPTION             | AVR Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 32-QFN (5x5) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                                    |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                   |
| BASE PART NUMBER                 | ATMEGA168                                                                                              |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA168-15MT | ATMEGA168-15MT Distributor             | ATMEGA168-15MT Supplier                               |
| ATMEGA168-15MT Price                         | ATMEGA168-15MT Pictures                | ATMEGA168-15MT Image                                  |
| ATMEGA168-15MT PDF Datasheet                 | ATMEGA168-15MT Download Datasheet      | ATMEGA168-15MT Datasheet                              |
| ATMEGA168-15MT Stock                         | Buy ATMEGA168-15MT                     | Buy Micrel / Microchip Technology ATMEGA168-15MT      |
| Micrel / Microchip Technology ATMEGA168-15MT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA168-15MT | Microchip Technology ATMEGA168-15MT    | Roving Networks / Microchip Technology ATMEGA168-15MT |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |
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| <div>MICROCHIP</div> <div><b>ATMEGA168-15MD</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 12991 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA168-20AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 3323 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>ATMEGA168-15AT1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 5982 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA168-15AZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 6628 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>ATMEGA168-15AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 3234 pcs</div> <div>RFQ</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</div> <div>RFQ</div>       |
| <div></div> <div><b>ATMEGA168-15MT1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 3903 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA168-20AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 30140 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>ATMEGA168-15AD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32TQFP<br/>In stock: 27735 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>ATMEGA168-15MD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 4924 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA168-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 4880 pcs</div> <div>RFQ</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</div> <div>RFQ</div>         |