



ATMEGA165-16MI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA165-16MI                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 16KB FLASH 64QFN                                                                                         |
| Datasheets:         | <a href="#">1.ATMEGA165-16MI.pdf</a><br><a href="#">2.ATMEGA165-16MI.pdf</a>                                         |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

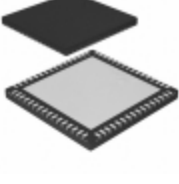
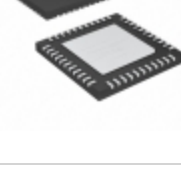
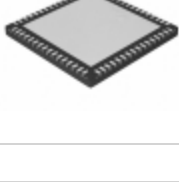
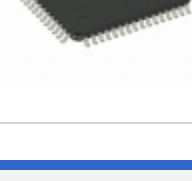
Specifications of ATMEGA165-16MI

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA165-16MI                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                    |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64QFN                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| DATA SHEET                       | <a href="#">1.ATMEGA165-16MI.pdf</a><br><a href="#">2.ATMEGA165-16MI.pdf</a>     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                     |
| SPEED                            | 16MHz                                                                            |
| 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                        | Tray                                                                             |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                             |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| NUMBER OF I/O                    | 54                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| EEPROM SIZE                      | 512 x 8                                                                          |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 64-QFN (9x9) |
| DATA CONVERTERS                  | A/D 8x10b                                                                        |
| CORE SIZE                        | 8-Bit                                                                            |
| CORE PROCESSOR                   | AVR                                                                              |
| CONNECTIVITY                     | SPI, UART/USART, USI                                                             |
| BASE PART NUMBER                 | ATMEGA165                                                                        |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA165-16MI | ATMEGA165-16MI Distributor             | ATMEGA165-16MI Supplier                               |
| ATMEGA165-16MI Price                         | ATMEGA165-16MI Pictures                | ATMEGA165-16MI Image                                  |
| ATMEGA165-16MI PDF Datasheet                 | ATMEGA165-16MI Download Datasheet      | ATMEGA165-16MI Datasheet                              |
| ATMEGA165-16MI Stock                         | Buy ATMEGA165-16MI                     | Buy Micrel / Microchip Technology ATMEGA165-16MI      |
| Micrel / Microchip Technology ATMEGA165-16MI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA165-16MI | Microchip Technology ATMEGA165-16MI    | Roving Networks / Microchip Technology ATMEGA165-16MI |

Related Products

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| <div></div> <div><b>ATMEGA164PV-10PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATMEGA165A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 365 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>ATMEGA165A-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 734 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>ATMEGA165A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 368 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ATMEGA165A-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA164PV-10PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 90 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATMEGA164PV-10MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATMEGA164PV-10MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>ATMEGA165-16AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATMEGA165-16MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATMEGA165A-MU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 578 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>ATMEGA165-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |