



Micrel / Microchip Technology

ATTINY102-M8R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY102-M8R                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1KB FLASH 8UDFN                                                                                  |
| Datasheets:         | <a href="#">1.ATTINY102-M8R.pdf</a><br><a href="#">2.ATTINY102-M8R.pdf</a>                                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

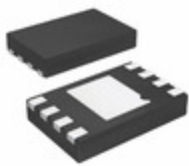
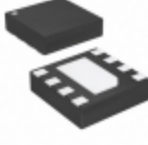
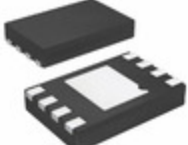
Specifications of ATTINY102-M8R

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY102-M8R                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                  |
| DESCRIPTION                      | IC MCU 8BIT 1KB FLASH 8UDFN                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">1.ATTINY102-M8R.pdf</a><br><a href="#">2.ATTINY102-M8R.pdf</a>     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-UDFN (2x3)                                                                   |
| SPEED                            | 12MHz                                                                          |
| SERIES                           | AVR® ATTiny                                                                    |
| RAM SIZE                         | 32 x 8                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                          |
| PROGRAM MEMORY SIZE              | 1KB (1K x 8)                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                               |
| PACKAGE / CASE                   | 8-UDFN Exposed Pad                                                             |
| OSCILLATOR TYPE                  | Internal                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                             |
| NUMBER OF I/O                    | 6                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| EEPROM SIZE                      | -                                                                              |
| DETAILED DESCRIPTION             | AVR AVR® ATTiny Microcontroller IC 8-Bit 12MHz 1KB (1K x 8) FLASH 8-UDFN (2x3) |
| DATA CONVERTERS                  | A/D 5x10b                                                                      |
| CORE SIZE                        | 8-Bit                                                                          |
| CORE PROCESSOR                   | AVR                                                                            |
| CONNECTIVITY                     | UART/USART                                                                     |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATTINY102-M8R | ATTINY102-M8R Distributor              | ATTINY102-M8R Supplier                               |
| ATTINY102-M8R Price                         | ATTINY102-M8R Pictures                 | ATTINY102-M8R Image                                  |
| ATTINY102-M8R PDF Datasheet                 | ATTINY102-M8R Download Datasheet       | ATTINY102-M8R Datasheet                              |
| ATTINY102-M8R Stock                         | Buy ATTINY102-M8R                      | Buy Micrel / Microchip Technology ATTINY102-M8R      |
| Micrel / Microchip Technology ATTINY102-M8R | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATTINY102-M8R | Microchip Technology ATTINY102-M8R     | Roving Networks / Microchip Technology ATTINY102-M8R |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATTINY102-M7R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8UDFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>ATTINY102-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>ATTINY10-MAHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8UDFN<br/>In stock: 872 pcs<br/><b>RFQ</b></div>    |  <div><b>ATTINY102F-M7R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8UDFN<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>ATTINY102-SSFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>          |  <div><b>ATTINY10-TS8R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH SOT23<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>ATTINY102-SSNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>ATTINY10-TSHRA0</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH SOT23-6<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>ATTINY102-SSFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>ATTINY102-MFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>ATTB 2100</b><br/>Manufacturers: Astro Tool Corp.<br/>Description: TWEEZER REMOVAL 16 GA<br/>In stock: Out stock<br/><b>RFQ</b></div>                         |  <div><b>ATTINY10-TSHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH SOT23<br/>In stock: Out stock<br/><b>RFQ</b></div>     |