

ATTINY10-TSHRA0



Part Number: [ATTINY10-TSHRA0](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1KB FLASH SOT23-6

Data sheet:  [ATTINY4,5,9,10 Datasheet](#)  
 [ATTINY4,5,9,10 Summary](#)

RoHs Status: Lead free / RoHS Compliant

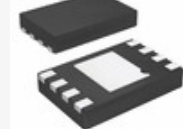
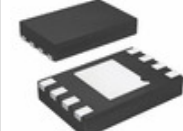
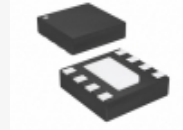
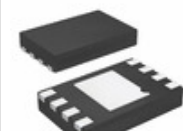
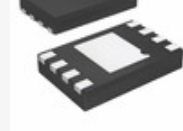
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
Buy ATTINY10-TSHRA0 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              |                                  |                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATTINY10-TSHRA0                                                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 1KB FLASH SOT23-6                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5286 pcs                                                                     | Data sheet                       | <a href="#">ATTINY4,5,9,10 Datasheet</a><br><a href="#">ATTINY4,5,9,10 Summary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SOT-23-6                                                                     | Speed                            | 12MHz                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AVR® ATtiny                                                                  | RAM Size                         | 32 x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                        | Program Memory Size              | 1KB (512 x 16)                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | POR, PWM, WDT                                                                | Packaging                        | Tape & Reel (TR)                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SOT-23-6                                                                     | Other Names                      | Q8736051                                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                                     | Operating Temperature            | -40°C ~ 85°C (TA)                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4                                                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                   | EEPROM Size                      | -                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AVR AVR® ATtiny Microcontroller IC 8-Bit 12MHz 1KB (512 x 16) FLASH SOT-23-6 | Data Converters                  | A/D 4x8b                                                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                        | Core Processor                   | AVR                                                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                            | Base Part Number                 | ATTINY10                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATTINY102-MFR</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTAL2</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG     | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTAL2R</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG    | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTAL2BK</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG   | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTAL2Y</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG    | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102F-M7R</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102F-MFR</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY10-MAHR</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102-M8R</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102-SSFR</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTB 2100</a><br>Description: TWEEZER REMOVAL 16 GA             | Manufacturers: <a href="#">Astro Tool Corp.</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY10-TSHR</a><br>Description: IC MCU 8BIT 1KB FLASH SOT23   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102F-M8R</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102-M7R</a><br>Description: IC MCU 8BIT 1KB FLASH 8UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTAL2BU</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG   | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102-SSNR</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTA2Y</a><br>Description: CONN TERM BLK FEED THRU 12-24AWG     | Manufacturers: <a href="#">Amphenol Pcd</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102F-SSFR</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY10-TS8R</a><br>Description: IC MCU 8BIT 1KB FLASH SOT23   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY102-MNR</a><br>Description: IC MCU 8BIT 1KB FLASH 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for ATTINY10-TSHRA0          |                                      |                                                        |                       |
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