

ATAES132A-SHEQ-B



Part Number: [ATAES132A-SHEQ-B](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC EEPROM 32K SPI 10MHZ 8SOIC

Data sheet:  [ATAES132A Datasheet](#)  
 [ATAES132A Summary](#)

RoHs Status: Lead free / RoHS Compliant

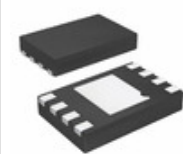
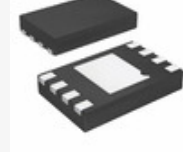
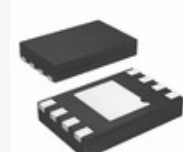
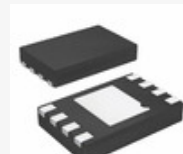
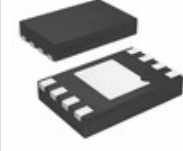
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATAES132A-SHEQ-B                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC EEPROM 32K SPI 10MHZ 8SOIC             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 85303 pcs                                 | Data sheet                      | <a href="#">ATAES132A Datasheet</a><br><a href="#">ATAES132A Summary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page   | 9ms                                                                      |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.5 V ~ 5.5 V                             | Technology                      | EEPROM                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-SOIC                                    | Series                          | CryptoAuthentication™                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bulk                                      | Package / Case                  | 8-SOIC (0.154", 3.90mm Width)                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Mounting Type                   | Surface Mount                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Memory Type                     | Non-Volatile                                                             |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32Kb (2K x 16)                            | Memory Interface                | SPI                                                                      |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EEPROM                                    | Manufacturer Standard Lead Time | 6 Weeks                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description            | EEPROM Memory IC 32Kb (2K x 16) SPI 10MHz 8-SOIC                         |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10MHz                                     | Base Part Number                | ATAES132                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATAES132-SH-ER-T</a><br>Description: IC EEPROM 32K I2C 1MHZ 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAK4015744U</a><br>Description: KIT DEMO WIRELES CTRL EVAL315MHZ   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAK4015744E</a><br>Description: KIT DEMO WIRELES CTRL EVA 433MHZ   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132-SH-EQ-T</a><br>Description: IC EEPROM 32K SPI 10MHZ 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132A-MAHER-S</a><br>Description: IC EEPROM 32K I2C 1MHZ 8UDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132A-SHEQ-T</a><br>Description: IC EEPROM 32K SPI 10MHZ 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAK42001-V1</a><br>Description: ATAK664151 EVAL KIT                | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132A-MAHER-T</a><br>Description: IC EEPROM 32K I2C 1MHZ 8UDFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132-SH-ER</a><br>Description: IC EEPROM 32K I2C 1MHZ 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132-MAH-EQ-T</a><br>Description: IC EEPROM 32K SPI 10MHZ 8UDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132-SH-EQ</a><br>Description: IC EEPROM 32K SPI 10MHZ 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132A-MAHEQ-S</a><br>Description: IC EEPROM 32K SPI 10MHZ 8UDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132A-MAHEQ-T</a><br>Description: IC EEPROM 32K SPI 10MHZ 8UDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAFERO-MOD2-XPRO</a><br>Description: AFERO-MOD2-XPRO               | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATAES132A-SHER-T</a><br>Description: IC EEPROM 32K I2C 1MHZ 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAK2270UG</a><br>Description: KIT IDIC UPGRADE TMEB8704-ATAK22     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATAES132XPLAINED</a><br>Description: EVAL KIT CRYPTO                | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for ATAES132A-SHEQ-B

|                                                |                                       |                                        |                        |
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