

AT42QT1010-TSHR



Part Number: [AT42QT1010-TSHR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC TOUCH SENSOR 1KEY SOT23-6

Data sheet:  [Application Specific QTouch Solutions](#)  
 [AT42QT1010-12 Brief](#)  
 [AT42QT1010 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

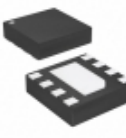
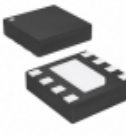
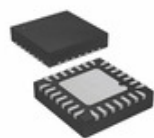
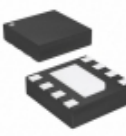
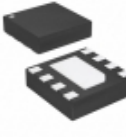
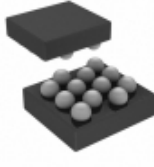
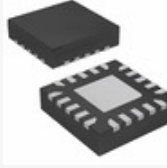
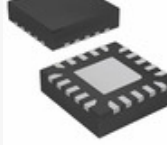
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AT42QT1010-TSHR                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC TOUCH SENSOR 1KEY SOT23-6              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 132775 pcs                                | Data sheet                      | <a href="#">Application Specific QTouch Solutions</a><br><a href="#">AT42QT1010-12 Brief</a><br><a href="#">AT42QT1010 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.8 V ~ 5.5 V                                                                                                                        |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Buttons                                   | Supplier Device Package         | SOT-23-6                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QTouch™                                   | Resolution                      | 14 b                                                                                                                                 |
| Proximity Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Packaging                       | Tape & Reel (TR)                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SOT-23-6                                  | Other Names                     | AT42QT1010-TSHR QS446<br>AT42QT1010-TSHR QS446TR<br>AT42QT1010-TSHR QS446TR-ND<br>AT42QT1010-TSHRTR<br>AT42QT1010TSHRQS446           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                              | Number of Inputs                | 1                                                                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | LED Driver Channels             | -                                                                                                                                    |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description            | Capacitive Touch Buttons SOT-23-6                                                                                                    |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 378.5µA                                   |                                 |                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT428H</a><br>Description: TOGGLE FULL BOOT BLACK                    | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT429C</a><br>Description: CAP SQUARE INDICATOR RED                  | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1011-MAHR</a><br>Description: IC SENSR TOUCH/PROX 1CH 8-UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1012-MAHR</a><br>Description: ONE-CHANNEL TOUCH SENSOR IC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1060-MMUR</a><br>Description: SENSOR IC MTRX TOUCH6KEY 28-QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1012-TSHR</a><br>Description: IC TOUCH SENSOR 1KEY SOT23-6     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT427H</a><br>Description: CAP TOGGLE ROUND GRAY                     | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1050-MMH</a><br>Description: IC TOUCH SENSOR 5KEY 20VQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1011-TSHR</a><br>Description: IC TOUCH SENSOR 1KEY SOT23-6     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1010-MAHR</a><br>Description: IC SENSR TOUCH/PROX 1CH 8-UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1012-MAH</a><br>Description: IC SENSR TOUCH/PROX 1CH 8-UDFN    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1050-UUR</a><br>Description: 5 CHANNEL QTOUCH ADC I2C SNSR IC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT429B</a><br>Description: CAP SQUARE INDICATOR WHITE                | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT429D</a><br>Description: CAP SQUARE INDICATOR AMBER                | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT429E</a><br>Description: CAP IND YELLOW POLY FOR P01 SER           | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT429G</a><br>Description: CAP SQUARE INDICATOR BLUE                 | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT429F</a><br>Description: CAP IND GREEN POLY FOR P01 SER            | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1050-MMHR</a><br>Description: 5 CHANNEL QTCH ADC I2C T-SNSR IC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT428M</a><br>Description: TOGGLE FULL BOOT BLACK                    | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1040-MMHR</a><br>Description: IC TOUCH SENSOR 4KEY 20VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for AT42QT1010-TSHR

|                                               |                                      |                                                           |                       |
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