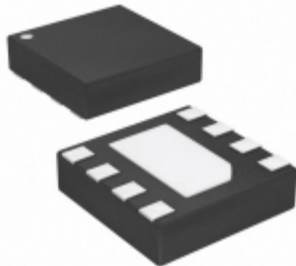


AT42QT1011-MAHR





Part Number: [AT42QT1011-MAHR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC SENSR TOUCH/PROX 1CH 8-UDFN

Data sheet:  [Application Specific QTouch Solutions](#)  
 [AT42QT1011](#)  
 [AT42QT1010-12 Brief](#)

RoHs Status: Lead free / RoHS Compliant

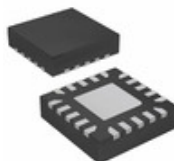
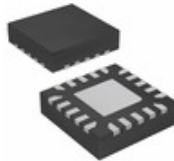
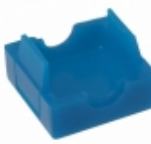
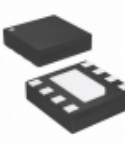
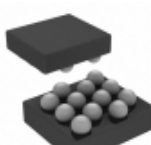
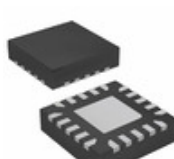
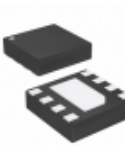
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AT42QT1011-MAHR                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC SENSR TOUCH/PROX 1CH 8-UDFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 129820 pcs                                | Data sheet                      | <a href="#">Application Specific QTouch Solutions</a><br><a href="#">AT42QT1011</a><br><a href="#">AT42QT1010-12 Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.8 V ~ 5.5 V                                                                                                              |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Buttons                                   | Supplier Device Package         | 8-UDFN, USON                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QTouch™                                   | Resolution                      | 14 b                                                                                                                       |
| Proximity Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Packaging                       | Cut Tape (CT)                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-UDFN Exposed Pad                        | Other Names                     | AT42QT1011-MAHCT<br>AT42QT1011-MAHCT-ND<br>AT42QT1011-MAHRCT                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                              | Number of Inputs                | 1                                                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | LED Driver Channels             | -                                                                                                                          |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description            | Capacitive Touch Buttons 8-UDFN, USON                                                                                      |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 378.5µA                                   |                                 |                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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="#">AT42QT1060-MMUR</a><br>Description: SENSOR IC MTRX TOUCH6KEY 28-QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</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> |
|  | Part#: <a href="#">AT42QT1010-TSHR</a><br>Description: IC TOUCH SENSOR 1KEY SOT23-6     | Manufacturers: <a href="#">Micrel / Microchip Technology</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="#">AT429B</a><br>Description: CAP SQUARE INDICATOR WHITE                | Manufacturers: <a href="#">NKK Switches</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="#">AT429G</a><br>Description: CAP SQUARE INDICATOR BLUE                 | 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="#">AT42QT1012-MAHR</a><br>Description: ONE-CHANNEL TOUCH SENSOR IC      | Manufacturers: <a href="#">Micrel / 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="#">AT429E</a><br>Description: CAP IND YELLOW POLY FOR P01 SER           | 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="#">AT428H</a><br>Description: TOGGLE FULL BOOT BLACK                    | Manufacturers: <a href="#">NKK Switches</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="#">AT429F</a><br>Description: CAP IND GREEN POLY FOR P01 SER            | Manufacturers: <a href="#">NKK Switches</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1070-MMHR</a><br>Description: IC TOUCH SENSOR 7KEY 20VQFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</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="#">AT42QT1012-MAH</a><br>Description: IC SENSR TOUCH/PROX 1CH 8-UDFN    | Manufacturers: <a href="#">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> |

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