

AT42QT1110-MZ





Part Number: [AT42QT1110-MZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC TOUCH SENSOR 11KEY 32QFN

Data sheet:  [Application Specific QTouch Solutions](#)  
 [AT42QT1110-AZ/MZ](#)

RoHs Status: Lead free / RoHS Compliant

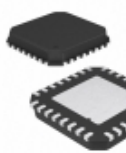
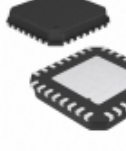
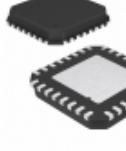
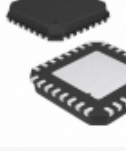
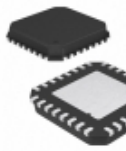
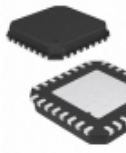
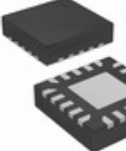
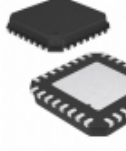
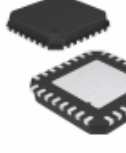
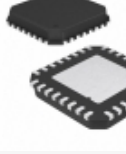
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AT42QT1110-MZ                             | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC TOUCH SENSOR 11KEY 32QFN               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 179111 pcs                                | Data sheet                      | <a href="#">Application Specific QTouch Solutions</a><br><a href="#">AT42QT1110-AZ/MZ</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 3 V ~ 5.5 V                                                                               |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buttons                                   | Supplier Device Package         | 32-QFN (5x5)                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QTouch™                                   | Resolution                      | -                                                                                         |
| Proximity Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                        | Packaging                       | Cut Tape (CT)                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-VFQFN Exposed Pad                      | Other Names                     | 1611-AT42QT1110-MZCT                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C                              | Number of Inputs                | Up to 11                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 8 Weeks                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                | LED Driver Channels             | Up to 7                                                                                   |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SPI                                       | Detailed Description            | Capacitive Touch Buttons 32-QFN (5x5)                                                     |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12mA                                      |                                 |                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT42QT1244-MU</a><br>Description: IC TOUCH SENSOR 24KEY 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1110-AUR</a><br>Description: IC TOUCH SENSOR 11KEY 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1244-MUR</a><br>Description: IC TOUCH SENSOR 24KEY 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1085-MU</a><br>Description: IC TOUCH SENSOR 8KEY 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1085-AUR</a><br>Description: IC TOUCH SENSOR 8KEY 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1110-MUR</a><br>Description: QTOUCH 11 KEY TOUCH SENSOR IC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT42QT1111-MU</a><br>Description: IC TOUCH SENSOR 11KEY 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1245-MUR</a><br>Description: IC TOUCH SENSOR 24KEY 32QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1244-AU</a><br>Description: IC TOUCH SENSOR 24KEY 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</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="#">AT42QT1085-AU</a><br>Description: IC TOUCH SENSOR 8KEY 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1085-MUR</a><br>Description: IC TOUCH SENSOR 8KEY 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1110-AZ</a><br>Description: IC TOUCH SENSOR 11KEY 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1245-MU</a><br>Description: IC TOUCH SENSOR 24KEY 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1244-AUR</a><br>Description: IC TOUCH SENSOR 24KEY 32TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT42QT1110-MU</a><br>Description: IC TOUCH SENSOR 11KEY 32QFN    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1245-AU</a><br>Description: IC TOUCH SENSOR 24KEY 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1111-AU</a><br>Description: IC TOUCH SENSOR 11KEY 32TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                             |                                    |                                        |                     |
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| Related keywords for <b>AT42QT1110-MZ</b>   |                                    |                                        |                     |
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