

DS21Q59L+



**Part Number:** [DS21Q59L+](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC TXRX E1 QUAD 3.3V 100LQFP

**Data sheet:**  [DS21Q59](#)

**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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| PRODUCT PARAMETER               |                                           |                                  |                                                                                                                 |
|---------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number                     | DS21Q59L+                                 | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                                                |
| Description                     | IC TXRX E1 QUAD 3.3V 100LQFP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                      |
| Quantity Available              | 2220 pcs                                  | Data sheet                       | <a href="#">DS21Q59</a>                                                                                         |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3.14 V ~ 3.47 V                                                                                                 |
| Supplier Device Package         | 100-LQFP (14x14)                          | Series                           | -                                                                                                               |
| Packaging                       | Tray                                      | Package / Case                   | 100-LQFP                                                                                                        |
| Operating Temperature           | 0°C ~ 70°C                                | Number of Circuits               | 4                                                                                                               |
| Mounting Type                   | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                   |
| Manufacturer Standard Lead Time | 16 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                      |
| Interface                       | E1                                        | Includes                         | AIS Alarms Detector and Generator, Loopback Functions, PRBS Generator / Detector, Remote Detector and Generator |
| Function                        | Transceiver                               | Detailed Description             | Telecom IC Transceiver 100-LQFP (14x14)                                                                         |
| Current - Supply                | 230mA                                     | Base Part Number                 | DS21Q59                                                                                                         |

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|  | Part#: <a href="#">DS21Q55DK</a><br>Description: KIT DESIGN FOR DS21Q55              | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS21Q59L</a><br>Description: IC TXRX E1 QUAD 3.3V 100-LQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS21Q58L+</a><br>Description: IC TXRX E1 QUAD 3.3V 100LQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DS21Q58LN+</a><br>Description: IC TXRX E1 QUAD 3.3V 100LQFP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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