

BQ24166RGER



COMPONENTS-WORLD.COM

Part Number: **BQ24166RGER**

Manufacturer: N/A

Description: IC BATT CHRG MGMT LI-ION 24VQFN

Data sheet:

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                                                                                                                                                                                                                                                                                                                                                              | BQ24166RGER                               | Manufacturer                    | N/A                                  |
| Description                                                                                                                                                                                                                                                                                                                                                              | IC BATT CHRG MGMT LI-ION 24VQFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                       | 38970 pcs                                 | Data sheet                      |                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Max)          | 10V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                  | 24-VQFN (4x4)                             | Series                          | -                                    |
| Programmable Features                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                       | Tape & Reel (TR)                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                           | 24-VFQFN Exposed Pad                      | Other Names                     | 296-48490-2<br>BQ24166RGER-ND        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of Cells                 | 1                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                         | 2 (1 Year)                                | Manufacturer Standard Lead Time | 16 Weeks                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Interface                       | USB                                  |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                         | Over Temperature, Short Circuit           | Detailed Description            | Charger IC Lithium Ion 24-VQFN (4x4) |
| Current - Charging                                                                                                                                                                                                                                                                                                                                                       | Constant - Programmable                   | Charge Current - Max            | 2.5A                                 |
| Battery Pack Voltage                                                                                                                                                                                                                                                                                                                                                     | 3.7V                                      | Battery Chemistry               | Lithium Ion                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                         | BQ24166                                   |                                 |                                      |
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|  | Part#: <a href="#">BQ24167RGET</a><br>Description: IC BATT CHRG MGMT LI-ION 24VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24165EVM-741</a><br>Description: EVAL MODULE FOR BQ24165-741   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24167YFFR</a><br>Description: IC BATT CHRG MGMT LI-ION 49DSBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24163YFFT</a><br>Description: IC BATT CHRG MGMT LI-ION 49DSBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24163RGER</a><br>Description: IC BATT CHRG MGMT LI-ION 24VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24166EVM-741</a><br>Description: EVAL MODULE FOR BQ24166-741   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">BQ24165RGER</a><br>Description: IC BATT CHRG MGMT LI-ION 24VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">BQ24165RGET</a><br>Description: IC BATT CHRG MGMT LI-ION 24VQFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">BQ24167EVM-720</a><br>Description: EVAL MODULE FOR BQ24167-720   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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