

BQ24253YFFT



COMPONENTS-WORLD.COM

Part Number: [BQ24253YFFT](#)

Manufacturer: [N/A](#)

Description: [IC BATT CHARGER LI-ION 30DSBGA](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |                                 |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------|---------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | BQ24253YFFT                                  | Manufacturer                    | N/A                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC BATT CHARGER LI-ION 30DSBGA               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 40486 pcs                                    | Data sheet                      |                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply (Max)          | 10.5V                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                 | 30-DSBGA                                     | Series                          | -                               |
| Programmable Features                                                                                                                                                                                                                                                                                                                                                                                                   | Current                                      | Packaging                       | Cut Tape (CT)                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                          | 30-UFBGA, DSBGA                              | Other Names                     | 296-41129-1                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                            | Number of Cells                 | 1                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                | Manufacturer Standard Lead Time | 26 Weeks                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                   | Interface                       | I <sup>2</sup> C                |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                        | Over Current, Over Temperature, Over Voltage | Detailed Description            | Charger IC Lithium Ion 30-DSBGA |
| Current - Charging                                                                                                                                                                                                                                                                                                                                                                                                      | Constant - Programmable                      | Charge Current - Max            | 2A                              |
| Battery Pack Voltage                                                                                                                                                                                                                                                                                                                                                                                                    | 4.2V                                         | Battery Chemistry               | Lithium Ion                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | BQ24253                                      |                                 |                                 |
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|  | Part#: <a href="#">BQ24257YFFT</a><br>Description: <a href="#">IC BATT CHARGER LI-ION 30DSBGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24251EVM-150</a><br>Description: <a href="#">EVALUATION BOARD FOR BQ24090</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ24259RGER</a><br>Description: <a href="#">IC CHARGER NVDC-1 USB I2C 24VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">BQ24250YFFR</a><br>Description: <a href="#">IC BATT CHRGR LI-ION 30DSBGA</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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