

BQ27742YZFR-G1



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Part Number: [BQ27742YZFR-G1](#)

Manufacturer: [N/A](#)

Description: [IC BATT FUEL GAUGE LI-ION 15-DSB](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                | BQ27742YZFR-G1                                            | Manufacturer                    | N/A                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC BATT FUEL GAUGE LI-ION 15-DSB                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 62329 pcs                                                 | Data sheet                      |                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                 | Supplier Device Package         | 15-DSBGA                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                         | Packaging                       | Original-Reel®                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 15-UFBGA, DSBGA                                           | Other Names                     | 296-37912-6                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                         | Number of Cells                 | 1                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                             | Manufacturer Standard Lead Time | 8 Weeks                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                | Interface                       | HDQ, I²C                                        |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                   | Multi-Function Controller                                 | Fault Protection                | Over Current, Over/Under Voltage, Short Circuit |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | Battery Multi-Function Controller IC Lithium Ion 15-DSBGA | Battery Chemistry               | Lithium Ion                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | BQ27742                                                   |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">BQ27620YZFR-G1</a><br>Description: <a href="#">IC BATT FUEL GAUGE LIION 15DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27741YZFT-G1</a><br>Description: <a href="#">IC BATT FUEL GAUGE LICO2 15DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27621YZFT-G1A</a><br>Description: <a href="#">IC BATT FUEL GAUGE LIION 9DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27X00-TESTER</a><br>Description: <a href="#">TEST SYSTEM FOR BQ27X00</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27621EVM-G1</a><br>Description: <a href="#">EVAL BOARD BATT FUEL GAUGE LIION</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27750DRZR</a><br>Description: <a href="#">BQ27750DRZR</a>                         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27742EVM</a><br>Description: <a href="#">EVAL BOARD BATT FUEL GAUGE</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27620YZFT-G1</a><br>Description: <a href="#">IC BATT FUEL GAUGE LIION 15DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27621YZFR-G1A</a><br>Description: <a href="#">IC BATT FUEL GAUGE LIION 9DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27750DRZT</a><br>Description: <a href="#">IC BATT MFUNC LI-ION 12VSON</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27741YZFR-G1</a><br>Description: <a href="#">IC BATT FUEL GAUGE LICO2 15DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ28400EVM</a><br>Description: <a href="#">EVAL MODULE FOR BQ28400</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27620EVM</a><br>Description: <a href="#">MODULE EVAL FOR BQ27620</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27741EVM</a><br>Description: <a href="#">EVAL MODULE FOR BQ27741</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ28400PW</a><br>Description: <a href="#">IC BATT GAS GAUGE LIION 20TSSOP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27Z561YPHT</a><br>Description: <a href="#">IMPEDANCE TRACKGAS GAUGE SOLUTIO</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27Z561YPHR</a><br>Description: <a href="#">BQ27Z561YPH</a>                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27750EVM-837</a><br>Description: <a href="#">EVALUATION MODULE</a>                | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27742YZFT-G1</a><br>Description: <a href="#">IC BATT FUEL GAUGE LI-ION 15-DSB</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BQ27GDK000EVM</a><br>Description: <a href="#">EVAL MODULE FOR BQ27421-G1A</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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|--------------------------------------------|----------------------------|-------------------------|----------------------|
| Related keywords for <b>BQ27742YZFR-G1</b> |                            |                         |                      |
| BQ27742YZFR-G1                             | BQ27742YZFR-G1 distributor | BQ27742YZFR-G1 supplier | BQ27742YZFR-G1 price |
| BQ27742YZFR-G1 download datasheet          | BQ27742YZFR-G1 datasheet   | BQ27742YZFR-G1 stock    | buy BQ27742YZFR-G1   |