

LM3644TTYFFR



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Part Number: [LM3644TTYFFR](#)

Manufacturer: [N/A](#)

Description: [IC LED DRIVER RGLTR DIM 12DSBGA](#)

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                                                                                                                                                                                                                                                                                                                                                                                                               | LM3644TTYFFR                                                                                           | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC LED DRIVER RGLTR DIM 12DSBGA                                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 102987 pcs                                                                                             | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                              | Voltage - Supply (Min)          | 2.5V                       |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                    | 5.5V                                                                                                   | Voltage - Output                | -                          |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                      | DC DC Regulator                                                                                        | Topology                        | Step-Up (Boost)            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                   | 12-DSBGA                                                                                               | Series                          | -                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                                                                       | Package / Case                  | 12-UFBGA, DSBGA            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                               | 296-49211-2<br>LM3644TTYFFR-ND                                                                         | Operating Temperature           | -40°C ~ 85°C (TA)          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                                                                      | Mounting Type                   | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                                                          | Manufacturer Standard Lead Time | 35 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                                             | Internal Switch(s)              | Yes                        |
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                 | 2MHz, 4MHz                                                                                             | Dimming                         | I <sup>2</sup> C           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | LED Driver IC 2 Output DC DC Regulator Step-Up (Boost) I <sup>2</sup> C Dimming 750mA (Flash) 12-DSBGA | Current - Output / Channel      | 750mA (Flash)              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                              | Camera Flash                                                                                           |                                 |                            |
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|  | Part#: <a href="#">LM3643EVM</a><br>Description: <a href="#">EVAL BOARD FOR LM3643</a>                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLX/NOPB</a><br>Description: <a href="#">IC LED DRVR RGLTR DIM 1.5A 9BGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLE/NOPB</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 9DSBGA</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643AEVM</a><br>Description: <a href="#">EVALUATION MODULE LM3643</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLE-LT/NOPB</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 9DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643YFFR</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 12DSBGA</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3646EVM</a><br>Description: <a href="#">EVAL BOARD LED DRIVER LM3646</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3648EVM</a><br>Description: <a href="#">EVALUATION MODULE LM3648</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3647IM</a><br>Description: <a href="#">IC BATT CHARGER UNIVERSAL 20SOIC</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3644YFFR</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 12DSBGA</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3646YFQR</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 20DSBGA</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643AYFFR</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 12DSBGA</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3648TTYFFR</a><br>Description: <a href="#">IC LED DRIVER 1.5A 12DSBGA</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3658SD</a><br>Description: <a href="#">IC USB/AC LI-ION CHARGER 10WSON</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3648YFFR</a><br>Description: <a href="#">IC LED DRIVER 1.5A 12DSBGA</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3658SD-A/NOPB</a><br>Description: <a href="#">IC CHARGER LI-ION USB/AC 10WSON</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3644EVM</a><br>Description: <a href="#">EVAL BOARD FOR LM3644</a>                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLX-LT/NOPB</a><br>Description: <a href="#">IC LED DRIVER RGLTR DIM 9DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3655TL/NOPB</a><br>Description: <a href="#">IC CTRL LI-ION CHARGE 25MICROSMD</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLEVM</a><br>Description: <a href="#">EVALUATOR BOARD FOR LM3642</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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