

LM3642TLE/NOPB



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Part Number: [LM3642TLE/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC LED DRIVER RGLTR DIM 9DSBGA](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                 | LM3642TLE/NOPB                                                                                                 | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC LED DRIVER RGLTR DIM 9DSBGA                                                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 110322 pcs                                                                                                     | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Supply (Min)          | 2.5V                       |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                                                                                           | Voltage - Output                | 5V                         |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                        | DC DC Regulator                                                                                                | Topology                        | Step-Up (Boost)            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 9-DSBGA (1.6x1.6)                                                                                              | Series                          | -                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                                                               | Package / Case                  | 9-WFBGA, DSBGA             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                 | 296-39609-2<br>LM3642TLE/NOPB-ND                                                                               | Operating Temperature           | -40°C ~ 85°C (TA)          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                              | Mounting Type                   | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                                                                                  | Manufacturer Standard Lead Time | 20 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                                                     | Internal Switch(s)              | Yes                        |
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                   | 4MHz                                                                                                           | Dimming                         | I <sup>2</sup> C           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                        | LED Driver IC 1 Output DC DC Regulator Step-Up (Boost) I <sup>2</sup> C Dimming 1.5A (Flash) 9-DSBGA (1.6x1.6) | Current - Output / Channel      | 1.5A (Flash)               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                            | LM3642                                                                                                         | Applications                    | Camera Flash               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 110322 pieces of LM3642TLE/NOPB in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                |                                 |                            |

| RELATED PRODUCTS                                                                   |                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM3642TL-LTEVM</a><br>Description: EVALUATION BOARD FOR LM3642       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3633YFQR</a><br>Description: IC LED DRVR 3-STRING 20DSBGA          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3639AYFQT</a><br>Description: IC LED DRIVER RGLTR DIM 20DSBGA      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643AYFFR</a><br>Description: IC LED DRIVER RGLTR DIM 12DSBGA      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3639AYFQEV</a><br>Description: EVALUATION BOARD FOR LM3639         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643AEVM</a><br>Description: EVALUATION MODULE LM3643              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLE-LT/NOPB</a><br>Description: IC LED DRIVER RGLTR DIM 9DSBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3633EVM</a><br>Description: EVAL MODULE FOR LM3633                 | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3639AYFQR</a><br>Description: IC LED BACKLIGHT/DVR 20-DSBGA        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3632EVM</a><br>Description: EVALUATION MODULE LM3632               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3644YFFR</a><br>Description: IC LED DRIVER RGLTR DIM 12DSBGA       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3644TTYFFR</a><br>Description: IC LED DRIVER RGLTR DIM 12DSBGA     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3632AYFFR</a><br>Description: IC LED FLASH DVR 1.5A 30DSBGA        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLEVM</a><br>Description: EVALUATION BOARD FOR LM3642          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3644EVM</a><br>Description: EVAL BOARD FOR LM3644                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643EVM</a><br>Description: EVAL BOARD FOR LM3643                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3631YFFR</a><br>Description: IC LED DRIVER RGLTR DIM 24DSBGA       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLX-LT/NOPB</a><br>Description: IC LED DRIVER RGLTR DIM 9DSBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3642TLX/NOPB</a><br>Description: IC LED DRVR RGLTR DIM 1.5A 9BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3643YFFR</a><br>Description: IC LED DRIVER RGLTR DIM 12DSBGA       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

Related keywords for **LM3642TLE/NOPB**

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