



LM3642TLX/NOPB

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | LM3642TLX/NOPB                  |
| Manufacturer/Brand: | N/A                             |
| Product description | IC LED DRVR RGLTR DIM 1.5A 9BGA |
| Datasheets:         |                                 |
| RoHs Status         | Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of LM3642TLX/NOPB

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3642TLX/NOPB                                                                                                 |
| MANUFACTURER                     | N/A                                                                                                            |
| DESCRIPTION                      | IC LED DRVR RGLTR DIM 1.5A 9BGA                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| DATA SHEET                       |                                                                                                                |
| 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                      | 296-39017-2<br>LM3642TLX/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  | 35 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                                                                                                   |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| LM3642TLX/NOPB               | LM3642TLX/NOPB Distributor        | LM3642TLX/NOPB Supplier  |
| LM3642TLX/NOPB Price         | LM3642TLX/NOPB Pictures           | LM3642TLX/NOPB Image     |
| LM3642TLX/NOPB PDF Datasheet | LM3642TLX/NOPB Download Datasheet | LM3642TLX/NOPB Datasheet |
| LM3642TLX/NOPB Stock         | Buy LM3642TLX/NOPB                | Buy LM3642TLX/NOPB       |
| LM3642TLX/NOPB               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                                |                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LM3643EVM</b><br/>Manufacturers: N/A<br/>Description: EVAL BOARD FOR LM3643<br/>In stock: 568 pcs</div> <div>RFQ</div>                     | <div></div> <div><b>LM3642TLE-LT/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 9DSBGA<br/>In stock: 63835 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LM3642TLEVM</b><br/>Manufacturers: N/A<br/>Description: EVALUATION BOARD FOR LM3642<br/>In stock: 1994 pcs</div> <div>RFQ</div>            | <div></div> <div><b>LM3644TTYFFR</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 12DSBGA<br/>In stock: 118271 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LM3642TLE/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 9DSBGA<br/>In stock: 89131 pcs</div> <div>RFQ</div>     | <div></div> <div><b>LM3644EVM</b><br/>Manufacturers: N/A<br/>Description: EVAL BOARD FOR LM3644<br/>In stock: 725 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>LM3639AYFQT</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 20DSBGA<br/>In stock: 72645 pcs</div> <div>RFQ</div>       | <div></div> <div><b>LM3642TL-LTEVM</b><br/>Manufacturers: N/A<br/>Description: EVALUATION BOARD FOR LM3642<br/>In stock: 2039 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>LM3642TLX-LT/NOPB</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 9DSBGA<br/>In stock: 120941 pcs</div> <div>RFQ</div> | <div></div> <div><b>LM3643AYFFR</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 12DSBGA<br/>In stock: 124539 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>LM3643AEVM</b><br/>Manufacturers: N/A<br/>Description: EVALUATION MODULE LM3643<br/>In stock: 554 pcs</div> <div>RFQ</div>                 | <div></div> <div><b>LM3643YFFR</b><br/>Manufacturers: N/A<br/>Description: IC LED DRIVER RGLTR DIM 12DSBGA<br/>In stock: 110479 pcs</div> <div>RFQ</div>      |