

AS3644-ZWLT



Part Number: [AS3644-ZWLT](#)

Manufacturer [ams](#)

Description IC LED DRIVER RGLTR DIM 13WLCSP

Data sheet:  [AS3644](#)

RoHs Status: Lead free / RoHS Compliant

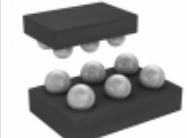
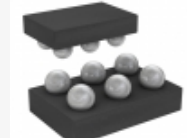
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |                                 |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | AS3644-ZWLT                                                                                                     | Manufacturer                    | <a href="#">ams</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC LED DRIVER RGLTR DIM 13WLCSP                                                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 100906 pcs                                                                                                      | Data sheet                      | <a href="#">AS3644</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                                       | Voltage - Supply (Min)          | 2.5V                       |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                                                                                              | Voltage - Output                | -                          |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                             | DC DC Regulator                                                                                                 | Topology                        | Step-Up (Boost)            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 6-WLCSP (1.5x1.1)                                                                                               | Series                          | -                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                                                                                | Package / Case                  | 6-UFBGA, WLCSP             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                      | 183550006<br>183550016<br>183550019<br>183550025                                                                | Operating Temperature           | -30°C ~ 85°C (TA)          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                               | Mounting Type                   | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                                                                                                   | Manufacturer Standard Lead Time | 16 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 320mA (Flash) 6-WLCSP (1.5x1.1) | Current - Output / Channel      | 320mA (Flash)              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                     | Camera Flash                                                                                                    |                                 |                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                       |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------|----------------|
|  | Part#: <a href="#">AS3615E</a><br>Description: POT 5M OHM 1/2W CARBON LINEAR            | Manufacturers: <a href="#">Ohmite</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AS3643-ZWLT</a><br>Description: IC LED DRIVER RGLTR DIM 13WLCSP      | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3636-ZWLT-500</a><br>Description: IC LED DRIVER RGLTR DIM 16WLCSP  | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3648-ZWLT-500</a><br>Description: IC LED DRVR RGLTR DIM 1A 13WLCSP | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3648B-ZWLM</a><br>Description: IC LED DRIVER REGULATOR 12WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3647-ZWLT</a><br>Description: IC LED DRIVER RGLTR DIM 13WLCSP      | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3630-ZWLT</a><br>Description: IC LED DRVR RGLTR DIM 8A 25WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3646-ZWLT</a><br>Description: IC LED DRIVER REGULATOR 12WLCSP      | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3642-ZWLT-500</a><br>Description: IC LED DRIVER RGLTR DIM 6WLCSP   | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3647B-ZWLT-500</a><br>Description: IC LED DRIVER REGULATOR 12WLCSP | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3636-ZWLT</a><br>Description: IC LED DRIVER RGLTR DIM 16WLCSP      | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3647-ZWLT-500</a><br>Description: IC LED DRIVER RGLTR DIM 13WLCSP  | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3647-ZWLM</a><br>Description: IC LED DRIVER REGULATOR 13WLCSP      | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3648-ZWLT</a><br>Description: IC LED DRVR RGLTR DIM 1A 13WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3645A-ZWLT</a><br>Description: IC LED DRIVER REGULATOR 12WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3635-ZWLT</a><br>Description: IC LED DRIVER RGLTR 1.05A 9WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3643-ZWLT-500</a><br>Description: IC LED DRIVER RGLTR DIM 13WLCSP  | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3642-ZWLT</a><br>Description: IC LED DRIVER RGLTR DIM 6WLCSP       | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3647B-ZWLT</a><br>Description: IC LED DRIVER REGULATOR 12WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AS3630-ZWLM</a><br>Description: IC LED DRVR RGLTR DIM 8A 25WLCSP     | Manufacturers: <a href="#">ams</a>    | <div>RFQ</div> |

Related keywords for **AS3644-ZWLT**

|                                |                         |                        |                   |
|--------------------------------|-------------------------|------------------------|-------------------|
| ams AS3644-ZWLT                | AS3644-ZWLT distributor | AS3644-ZWLT supplier   | AS3644-ZWLT price |
| AS3644-ZWLT download datasheet | AS3644-ZWLT datasheet   | AS3644-ZWLT stock      | buy AS3644-ZWLT   |
| ams AS3644-ZWLT                | ams AG AS3644-ZWLT      | TAOS / ams AS3644-ZWLT |                   |