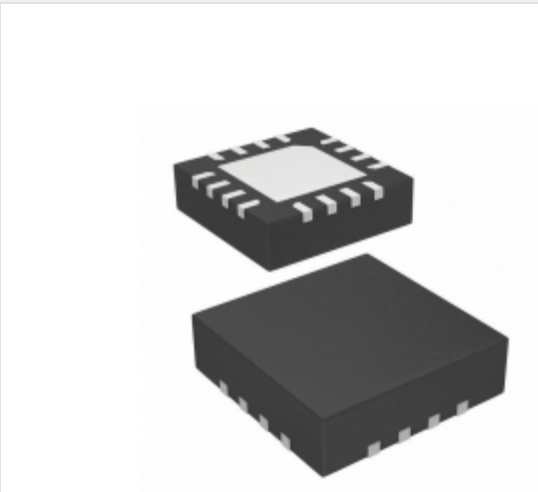


LDS8681008-T2





**Part Number:** [LDS8681008-T2](#)

**Manufacturer:** [IXYS Corporation](#)

**Description:** IC LED DRIVER RGLTR DIM 16TQFN

**Data sheet:**  [LDS8681](#)

**RoHs Status:** Lead free / RoHS Compliant

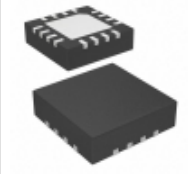
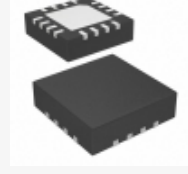
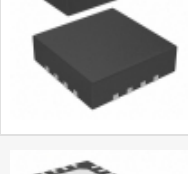
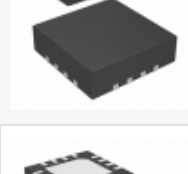
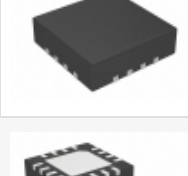
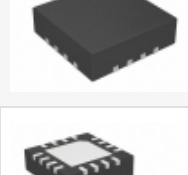
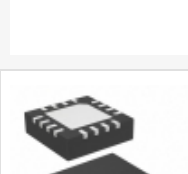
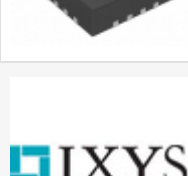
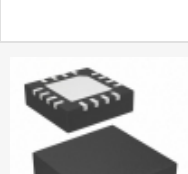
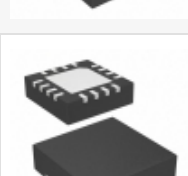
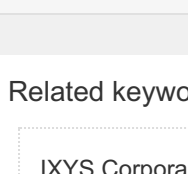
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                              |                                |                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LDS8681008-T2                                                                | Manufacturer                   | <a href="#">IXYS Corporation</a>                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC LED DRIVER RGLTR DIM 16TQFN                                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 162328 pcs                                                                   | Data sheet                     | <a href="#">LDS8681</a>                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Min)         | 2.7V                                                                                                            |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.5V                                                                         | Voltage - Output               | 6V                                                                                                              |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DC DC Regulator                                                              | Topology                       | Switched Capacitor (Charge Pump)                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-TQFN (3x3)                                                                | Series                         | PowerLite™                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                                             | Package / Case                 | 16-WFQFN Exposed Pad                                                                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LDS8681-002-T6<br>LDS8681-002-T6-2<br>LDS8681-002-T6-2-ND<br>LDS8681008-T2-2 | Operating Temperature          | -40°C ~ 85°C (TA)                                                                                               |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                                            | Mounting Type                  | Surface Mount                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                      |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                          | Frequency                      | 1MHz                                                                                                            |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PWM                                                                          | Detailed Description           | LED Driver IC 2 Output DC DC Regulator Switched Capacitor (Charge Pump) PWM Dimming 400mA (Flash) 16-TQFN (3x3) |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                   | 400mA (Flash)                                                                | Base Part Number               | LDS8681                                                                                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Camera Flash                                                                 |                                |                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IXYS Corporation series electronic components. We have 162328 pieces of IXYS Corporation LDS8681008-T2 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="#">LDS886002-T2-300</a><br>Description: IC LED DRIVER RGLTR DIM 16TQFN  | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8621002-T2-960</a><br>Description: IC LED DRIVER RGLTR DIM 16TQFN | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8160-002-T2</a><br>Description: IC LED DRVR LIN DIM 25MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS7001NTGI8</a><br>Description: IC SCREEN CNTRL 10BIT 48VFQFN       | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8711</a><br>Description: IC LED DRIVER RGLTR DIM 8TDFN            | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS7001NTGI</a><br>Description: IC SCREEN CNTRL 10BIT 48VFQFN        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8846-002-T2</a><br>Description: IC LED DRVR LIN DIM 30MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8141-002-T2</a><br>Description: IC LED DRVR LIN DIM 32MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8845-002-T2</a><br>Description: IC LED DRVR LIN DIM 30MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8640-008-T2</a><br>Description: IC LED DRIVER RGLTR 200MA 16TQFN  | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8868-002-T2</a><br>Description: IC LED DRIVER RGLTR 32MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8720</a><br>Description: IC LED DRVR RGLTR DIM 1.9A 8TDFN         | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8641-008-T2</a><br>Description: IC LED DRIVER RGLTR DIM 16TQFN    | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8726</a><br>Description: IC LED DRVR RGLTR DIM 1.9A 8TDFN         | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8620-002-T2</a><br>Description: IC LED DRIVER RGLTR DIM 16TQFN    | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8724</a><br>Description: IC LED DRVR RGLTR DIM 1.9A 8TDFN         | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8680008-T2</a><br>Description: IC LED DRIVER RGLTR 400MA 8TDFN    | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8865002-T2-250</a><br>Description: IC LED DRIVER RGLTR DIM 16TQFN | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8161-002-T2</a><br>Description: IC LED DRVR LIN DIM 32MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LDS8869-002-T2</a><br>Description: IC LED DRIVER RGLTR 32MA 16TQFN   | Manufacturers: <a href="#">IXYS Corporation</a>                   | <a href="#">RFQ</a> |

Related keywords for LDS8681008-T2

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| LDS8681008-T2 download datasheet | LDS8681008-T2 datasheet   | LDS8681008-T2 stock    | buy LDS8681008-T2   |
| IXYS Corporation LDS8681008-T2   | IXYS LDS8681008-T2        |                        |                     |