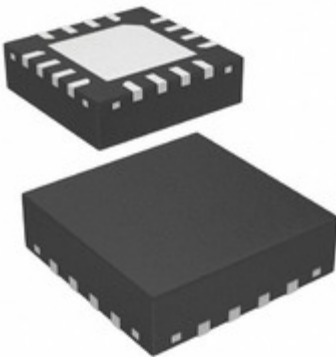


A8530EESTR-T



Part Number: [A8530EESTR-T](#)

Manufacturer: [Allegro MicroSystems, LLC.](#)

Description: IC LED DRIVER RGLTR DIM 16QFN

Data sheet:  [A8530](#)

RoHs Status: Lead free / RoHS Compliant

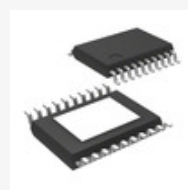
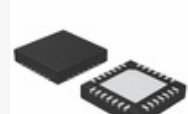
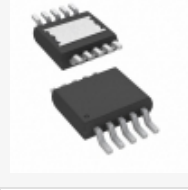
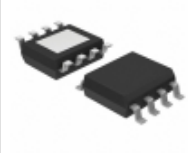
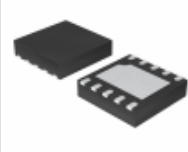
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy A8530EESTR-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A8530EESTR-T                              | Manufacturer                   | <a href="#">Allegro MicroSystems, LLC.</a>                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC LED DRIVER RGLTR DIM 16QFN             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5789 pcs                                  | Data sheet                     | <a href="#">A8530</a>                                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Min)         | 2.7V                                                                                                                            |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.5V                                      | Voltage - Output               | -                                                                                                                               |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DC DC Regulator                           | Topology                       | Switched Capacitor (Charge Pump)                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-QFN/MLP (3x3)                          | Series                         | -                                                                                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                          | Package / Case                 | 16-WFQFN Exposed Pad                                                                                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 620-1201-2                                | Operating Temperature          | -40°C ~ 85°C (TA)                                                                                                               |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                         | Mounting Type                  | Surface Mount                                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                      |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                       | Frequency                      | 1MHz                                                                                                                            |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Multi-Step                                | Detailed Description           | LED Driver IC 6 Output DC DC Regulator Switched Capacitor (Charge Pump) Multi-Step Dimming 30mA, 100mA (Flash) 16-QFN/MLP (3x3) |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30mA, 100mA (Flash)                       | Base Part Number               | A8530                                                                                                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Backlight, Camera Flash                   |                                |                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Allegro MicroSystems, LLC. series electronic components. We have 5789 pieces of Allegro MicroSystems, LLC. A8530EESTR-T 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="#">A8518KLPTR-T</a><br>Description: IC LED DRIVER RGLTR DIM 16TSSOP    | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8519KLPTR-T</a><br>Description: IC LED DRIVER RGLTR DIM 20TSSOP    | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8520E24A91GM</a><br>Description: RF TXRX MOD ISM>1GHZ TRACE ANT    | Manufacturers: <a href="#">Anaren</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">A8585KLKTR-T-1</a><br>Description: WIDE INPUT VOLTAGE 2A BUCK REGUL | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8583KLPTR-T</a><br>Description: IC REG BUCK ADJ 3.5A 16TSSOP       | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8522KLPTR-T</a><br>Description: IC LED DRIVER BOOST TSSOP          | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8580KLPTR-T</a><br>Description: IC REG BUCK ADJ 2.5A 16TSSOP       | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8519KETTR-R</a><br>Description: LED DRIVER QUAD BOOST              | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8585KLKTR-T-2</a><br>Description: WIDE INPUT VOLTAGE 2A BUCK REGUL | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8519KLPTR-T-1</a><br>Description: QUAD STRING BOOST LED DRIVER FOR | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8520E24A91GR</a><br>Description: RF TXRX MOD ISM>1GHZ TRACE ANT    | Manufacturers: <a href="#">Anaren</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">A8585KLKTR-T</a><br>Description: IC REG BUCK 5V 2A 10SOIC           | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8519KETTR-R-1</a><br>Description: QUAD STRING BOOST LED DRIVER FOR | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8518KLPTR-T-1</a><br>Description: AUTOMOTIVE TWO STRING BOOST LED  | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8586KLJTR-T</a><br>Description: IC REG BUCK ADJ 3.5A 8SOIC         | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8584KLPTR-T</a><br>Description: IC REG BUCK ADJ 2.5A TSSOP         | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8586KEJTR-T</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN         | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8582KLPTR-T</a><br>Description: IC REG BUCK ADJ 2A 16TSSOP         | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8585KLKTR-T-3</a><br>Description: WIDE INPUT VOLTAGE 2A BUCK REGUL | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A8520E24A91-EM2</a><br>Description: MODULE EVAL FOR A8520E24A91     | Manufacturers: <a href="#">Anaren</a>                     | <div>RFQ</div> |

Related keywords for **A8530EESTR-T**

|                                         |                                       |                                        |                    |
|-----------------------------------------|---------------------------------------|----------------------------------------|--------------------|
| Allegro MicroSystems, LLC. A8530EESTR-T | A8530EESTR-T distributor              | A8530EESTR-T supplier                  | A8530EESTR-T price |
| A8530EESTR-T download datasheet         | A8530EESTR-T datasheet                | A8530EESTR-T stock                     | buy A8530EESTR-T   |
| Allegro MicroSystems, LLC. A8530EESTR-T | Allegro Microsystems Inc A8530EESTR-T | Allegro MicroSystems, LLC A8530EESTR-T |                    |