



Allegro MicroSystems, LLC.



A8431EEHTR-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | A8431EEHTR-T                                                                                                 |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | IC LED DRVR RGLTR DIM 20MA 6MLP                                                                              |
| Datasheets:         | <a href="#">PDF A8431EEHTR-T.pdf</a>                                                                         |
| 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.

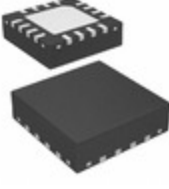
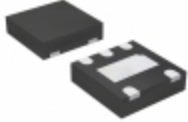
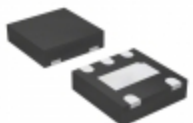
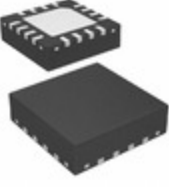
Specifications of A8431EEHTR-T

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | A8431EEHTR-T                                                                            |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                              |
| DESCRIPTION                      | IC LED DRVR RGLTR DIM 20MA 6MLP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| DATA SHEET                       | <a href="#">PDF A8431EEHTR-T.pdf</a>                                                    |
| VOLTAGE - SUPPLY (MIN)           | 2.5V                                                                                    |
| VOLTAGE - SUPPLY (MAX)           | 10V                                                                                     |
| VOLTAGE - OUTPUT                 | 32V                                                                                     |
| TYPE                             | DC DC Regulator                                                                         |
| TOPOLOGY                         | Step-Up (Boost)                                                                         |
| SUPPLIER DEVICE PACKAGE          | 6-MLP/DFN (2x3)                                                                         |
| SERIES                           | -                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                        |
| PACKAGE / CASE                   | 6-PowerWDFN                                                                             |
| OTHER NAMES                      | 620-1195-2<br>A8431EEHTR-T-ND                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                       |
| 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                        | 1.2MHz                                                                                  |
| DIMMING                          | PWM                                                                                     |
| DETAILED DESCRIPTION             | LED Driver IC 1 Output DC DC Regulator Step-Up (Boost) PWM Dimming 20mA 6-MLP/DFN (2x3) |
| CURRENT - OUTPUT / CHANNEL       | 20mA                                                                                    |
| BASE PART NUMBER                 | A8431                                                                                   |
| APPLICATIONS                     | Backlight                                                                               |

Related Tags

|                                         |                                       |                                             |
|-----------------------------------------|---------------------------------------|---------------------------------------------|
| Allegro MicroSystems, LLC. A8431EEHTR-T | A8431EEHTR-T Distributor              | A8431EEHTR-T Supplier                       |
| A8431EEHTR-T Price                      | A8431EEHTR-T Pictures                 | A8431EEHTR-T Image                          |
| A8431EEHTR-T PDF Datasheet              | A8431EEHTR-T Download Datasheet       | A8431EEHTR-T Datasheet                      |
| A8431EEHTR-T Stock                      | Buy A8431EEHTR-T                      | Buy Allegro MicroSystems, LLC. A8431EEHTR-T |
| Allegro MicroSystems, LLC. A8431EEHTR-T | Allegro MicroSystems, LLC. Supplier   | Allegro MicroSystems, LLC. Distributor      |
| Allegro MicroSystems, LLC. A8431EEHTR-T | Allegro Microsystems Inc A8431EEHTR-T | Allegro MicroSystems, LLC A8431EEHTR-T      |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>A8434EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRVR RGLTR DIM 30MA 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>A8427EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CAP CHARGER 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>A8438EEJTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CHARGER 10TDFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>A8437EEJTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CAP CHARGER 10TDFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>A8435EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>A8430EEK</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRVR RGLTR DIM 20MA 5MLPD<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>A8436EEJTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CHARGER 10TDFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>A8437ECGLT</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CHARGER 12WLCSP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |
|  <div><b>A8430EEKTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRVR RGLTR DIM 20MA 5MLPD<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>A8426EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CAP CHARGER 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>A8424EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CAP CHARGER 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>A8425EESTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC PHOTOFLASH CAP CHARGER 16QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |