



Allegro MicroSystems, LLC.



Image may be representation. See specifications for product details.

A8507ELPTR-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | A8507ELPTR-T                                                                                                 |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | IC LED DRIVER CTRLR DIM 24TSSOP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3279 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

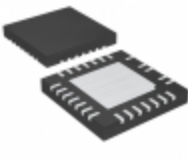
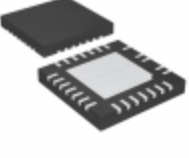
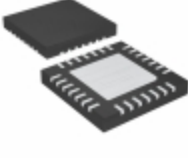
Specifications of A8507ELPTR-T

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | A8507ELPTR-T                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                           |
| DESCRIPTION                      | IC LED DRIVER CTRLR DIM 24TSSOP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 3279 pcs                                                                             |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (MIN)           | 4.3V                                                                                 |
| VOLTAGE - SUPPLY (MAX)           | 5.5V                                                                                 |
| VOLTAGE - OUTPUT                 | -                                                                                    |
| TYPE                             | DC DC Controller                                                                     |
| TOPOLOGY                         | Step-Up (Boost)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 24-TSSOP-EP                                                                          |
| SERIES                           | -                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 24-TSSOP (0.173", 4.40mm Width) Exposed Pad                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF OUTPUTS                | 6                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| INTERNAL SWITCH(S)               | No                                                                                   |
| FREQUENCY                        | 1MHz                                                                                 |
| DIMMING                          | PWM                                                                                  |
| DETAILED DESCRIPTION             | LED Driver IC 6 Output DC DC Controller Step-Up (Boost) PWM Dimming 80mA 24-TSSOP-EP |
| CURRENT - OUTPUT / CHANNEL       | 80mA                                                                                 |
| BASE PART NUMBER                 | A8507                                                                                |
| APPLICATIONS                     | Backlight                                                                            |

Related Tags

|                                         |                                       |                                             |
|-----------------------------------------|---------------------------------------|---------------------------------------------|
| Allegro MicroSystems, LLC. A8507ELPTR-T | A8507ELPTR-T Distributor              | A8507ELPTR-T Supplier                       |
| A8507ELPTR-T Price                      | A8507ELPTR-T Pictures                 | A8507ELPTR-T Image                          |
| A8507ELPTR-T PDF Datasheet              | A8507ELPTR-T Download Datasheet       | A8507ELPTR-T Datasheet                      |
| A8507ELPTR-T Stock                      | Buy A8507ELPTR-T                      | Buy Allegro MicroSystems, LLC. A8507ELPTR-T |
| Allegro MicroSystems, LLC. A8507ELPTR-T | Allegro MicroSystems, LLC. Supplier   | Allegro MicroSystems, LLC. Distributor      |
| Allegro MicroSystems, LLC. A8507ELPTR-T | Allegro Microsystems Inc A8507ELPTR-T | Allegro MicroSystems, LLC A8507ELPTR-T      |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>A8504952S8W</b><br/>Manufacturers: Amphenol Pcd<br/>Description: CONN CABLE CLAMP SZ 8 OLIVE<br/>In stock: 8389 pcs<br/>RFQ</div>                     |  <div><b>A8508GLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 24TSSOP<br/>In stock: 38553 pcs<br/>RFQ</div> |
|  <div><b>A8504952S48W</b><br/>Manufacturers: Amphenol Pcd<br/>Description: CONN CABLE CLAMP SZ 48 OLIVE<br/>In stock: 1015 pcs<br/>RFQ</div>                   |  <div><b>A8510GECTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRVR RGLTR DIM 40MA 26QFN<br/>In stock: 6986 pcs<br/>RFQ</div> |
|  <div><b>A8507ELBTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 24SOIC<br/>In stock: 4180 pcs<br/>RFQ</div>   |  <div><b>A8511KLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 28TSSOP<br/>In stock: 20527 pcs<br/>RFQ</div> |
|  <div><b>A8512ELBTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 24SOIC<br/>In stock: 5503 pcs<br/>RFQ</div>   |  <div><b>A8509GLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 24TSSOP<br/>In stock: 81403 pcs<br/>RFQ</div> |
|  <div><b>A8504952S8N</b><br/>Manufacturers: Amphenol Pcd<br/>Description: CONN CABLE CLAMP SZ 8 SILVER<br/>In stock: 7298 pcs<br/>RFQ</div>                    |  <div><b>A8504952S8A</b><br/>Manufacturers: Amphenol Pcd<br/>Description: CONN CABLE CLAMP SZ 8 BLACK<br/>In stock: 7251 pcs<br/>RFQ</div>                     |
|  <div><b>A8504EECTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRVR RGLTR DIM 45MA 26QFN<br/>In stock: 3811 pcs<br/>RFQ</div> |  <div><b>A8512EETTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 28QFN<br/>In stock: 81129 pcs<br/>RFQ</div>   |