



Allegro MicroSystems, LLC.

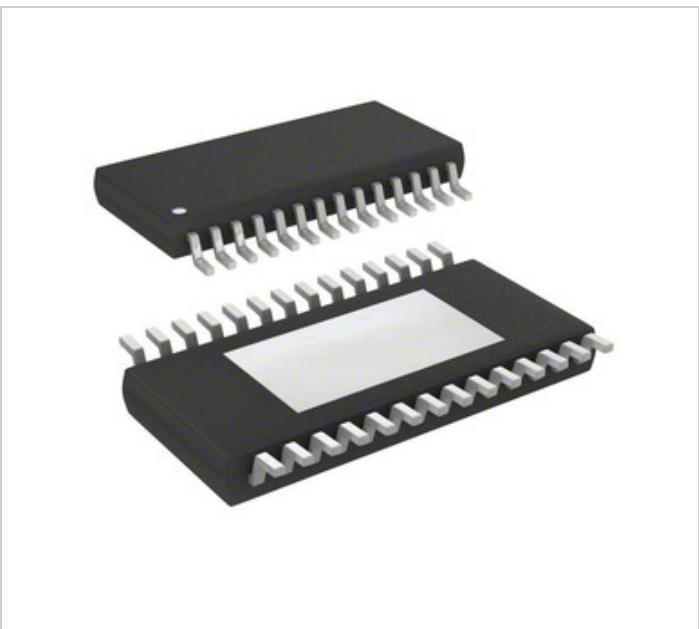


Image may be representation. See specifications for product details.

A8517KLPT-R-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | A8517KLPT-R-T                                                                                                |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | IC LED DRIVER RGLTR DIM 28TSSOP                                                                              |
| Datasheets:         |  A8517KLPT-R-T.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of A8517KLPT-R-T

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A8517KLPT-R-T                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                            |
| DESCRIPTION                      | IC LED DRIVER RGLTR DIM 28TSSOP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  A8517KLPT-R-T.pdf |
| VOLTAGE - SUPPLY (MIN)           | 4.5V                                                                                                  |
| VOLTAGE - SUPPLY (MAX)           | 36V                                                                                                   |
| VOLTAGE - OUTPUT                 | -                                                                                                     |
| TYPE                             | DC DC Regulator                                                                                       |
| TOPOLOGY                         | Step-Up (Boost)                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-TSSOP-EP                                                                                           |
| SERIES                           | Automotive, AEC-Q100                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                           |
| OTHER NAMES                      | 620-1515-2                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                    |
| NUMBER OF OUTPUTS                | 10                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INTERNAL SWITCH(S)               | Yes                                                                                                   |
| FREQUENCY                        | 400kHz ~ 2.3MHz                                                                                       |
| DIMMING                          | PWM                                                                                                   |
| DETAILED DESCRIPTION             | LED Driver IC 10 Output DC DC Regulator Step-Up (Boost) PWM Dimming 60mA 28-TSSOP-EP                  |
| CURRENT - OUTPUT / CHANNEL       | 60mA                                                                                                  |
| BASE PART NUMBER                 | A8517                                                                                                 |
| APPLICATIONS                     | Automotive                                                                                            |

Related Tags

|                                          |                                        |                                              |
|------------------------------------------|----------------------------------------|----------------------------------------------|
| Allegro MicroSystems, LLC. A8517KLPT-R-T | A8517KLPT-R-T Distributor              | A8517KLPT-R-T Supplier                       |
| A8517KLPT-R-T Price                      | A8517KLPT-R-T Pictures                 | A8517KLPT-R-T Image                          |
| A8517KLPT-R-T PDF Datasheet              | A8517KLPT-R-T Download Datasheet       | A8517KLPT-R-T Datasheet                      |
| A8517KLPT-R-T Stock                      | Buy A8517KLPT-R-T                      | Buy Allegro MicroSystems, LLC. A8517KLPT-R-T |
| Allegro MicroSystems, LLC. A8517KLPT-R-T | Allegro MicroSystems, LLC. Supplier    | Allegro MicroSystems, LLC. Distributor       |
| Allegro MicroSystems, LLC. A8517KLPT-R-T | Allegro Microsystems Inc A8517KLPT-R-T | Allegro MicroSystems, LLC A8517KLPT-R-T      |

Related Products

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| <div></div> <div><b>A8513KLYTR-3-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER REG PWM 10MSOP<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>A8513KLYTR-2-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER REG PWM 10MSOP<br/>In stock: Out stock</div> <div>RFQ</div>      |
| <div></div> <div><b>A8516ELPT-R-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DVR BACKLIGHT MON 24TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>A8519KETTR-R-1</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: QUAD STRING BOOST LED DRIVER FOR<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>A8518KLPT-R-T-1</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: AUTOMOTIVE TWO STRING BOOST LED<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>A8513KLYTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 10MSOP<br/>In stock: Out stock</div> <div>RFQ</div>      |
| <div></div> <div><b>A8514KLPT-R-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>A8519KETTR-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: LED DRIVER QUAD BOOST<br/>In stock: Out stock</div> <div>RFQ</div>               |
| <div></div> <div><b>A8518KLPT-R-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>A8519KLPT-R-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>A8515GLPT-R-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>A8519KLPT-R-T-1</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: QUAD STRING BOOST LED DRIVER FOR<br/>In stock: Out stock</div> <div>RFQ</div> |