



Allegro MicroSystems, LLC.

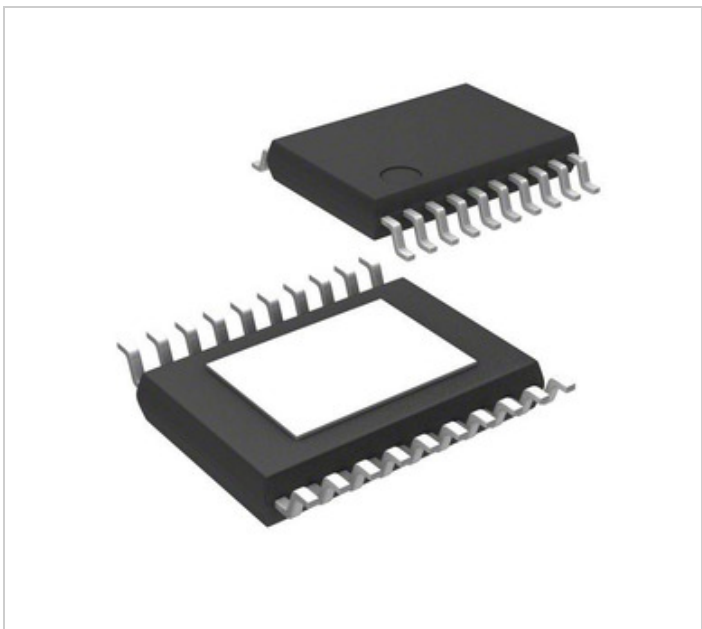


Image may be representation. See specifications for product details.

A8514KLPT-R

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A8514KLPT-R                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                        |
| Product description | IC LED DRIVER RGLTR DIM 20TSSOP                                                                                   |
| Datasheets:         |  <a href="#">A8514KLPT-R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 47796 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

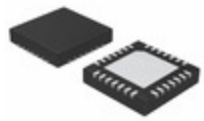
Specifications of A8514KLPT-R

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A8514KLPT-R                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                          |
| DESCRIPTION                      | IC LED DRIVER RGLTR DIM 20TSSOP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 47796 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">A8514KLPT-R.pdf</a> |
| VOLTAGE - SUPPLY (MIN)           | 5V                                                                                                                  |
| VOLTAGE - SUPPLY (MAX)           | 40V                                                                                                                 |
| VOLTAGE - OUTPUT                 | -                                                                                                                   |
| TYPE                             | DC DC Regulator                                                                                                     |
| TOPOLOGY                         | Step-Up (Boost)                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP-EP                                                                                                         |
| SERIES                           | Automotive, AEC-Q100                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                         |
| OTHER NAMES                      | 620-1514-2<br>A8514KLPT-R-ND                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                  |
| NUMBER OF OUTPUTS                | 4                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| INTERNAL SWITCH(S)               | Yes                                                                                                                 |
| FREQUENCY                        | 580kHz ~ 2.3MHz                                                                                                     |
| DIMMING                          | PWM                                                                                                                 |
| DETAILED DESCRIPTION             | LED Driver IC 4 Output DC DC Regulator Step-Up (Boost) PWM Dimming 80mA 20-TSSOP-EP                                 |
| CURRENT - OUTPUT / CHANNEL       | 80mA                                                                                                                |
| BASE PART NUMBER                 | A8514                                                                                                               |
| APPLICATIONS                     | Automotive, Backlight                                                                                               |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Allegro MicroSystems, LLC. A8514KLPT-R | A8514KLPT-R Distributor              | A8514KLPT-R Supplier                       |
| A8514KLPT-R Price                      | A8514KLPT-R Pictures                 | A8514KLPT-R Image                          |
| A8514KLPT-R PDF Datasheet              | A8514KLPT-R Download Datasheet       | A8514KLPT-R Datasheet                      |
| A8514KLPT-R Stock                      | Buy A8514KLPT-R                      | Buy Allegro MicroSystems, LLC. A8514KLPT-R |
| Allegro MicroSystems, LLC. A8514KLPT-R | Allegro MicroSystems, LLC. Supplier  | Allegro MicroSystems, LLC. Distributor     |
| Allegro MicroSystems, LLC. A8514KLPT-R | Allegro Microsystems Inc A8514KLPT-R | Allegro MicroSystems, LLC A8514KLPT-R      |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>A8519KETTR-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: LED DRIVER QUAD BOOST<br/>In stock: 39262 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>A8513KLPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16TSSOP<br/>In stock: 34480 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>A8512ELPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER CTRLR DIM 24TSSOP<br/>In stock: 61167 pcs<br/><div>RFQ</div></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: 49377 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>A8518KLPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16TSSOP<br/>In stock: 19903 pcs<br/><div>RFQ</div></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: 77929 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>A8513KLYTR-1-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER REG PWM 10MSOP<br/>In stock: 93051 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>A8516ELPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DVR BACKLIGHT MON 24TSSOP<br/>In stock: 70944 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>A8513KLYTR-3-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER REG PWM 10MSOP<br/>In stock: 94471 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>A8515GLPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 16TSSOP<br/>In stock: 67614 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>A8513KLYTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 10MSOP<br/>In stock: 89125 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>A8517KLPT-R</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC LED DRIVER RGLTR DIM 28TSSOP<br/>In stock: 32507 pcs<br/><div>RFQ</div></div>     |