



Allegro MicroSystems, LLC.



A4412KLVTR-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | A4412KLVTR-T                                                                                                 |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | IC REG BUCK                                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 28828 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

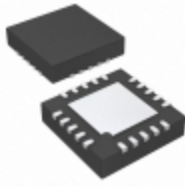
Specifications of A4412KLVTR-T

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A4412KLVTR-T                                                                                                                |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                  |
| DESCRIPTION                      | IC REG BUCK                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 28828 pcs                                                                                                                   |
| DATA SHEET                       |                                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.3V                                                                                                                        |
| VOLTAGE - OUTPUT (MAX)           | 3.3V                                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 3.8V                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 40V                                                                                                                         |
| TOPOLOGY                         | Buck, Buck-Boost                                                                                                            |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 38-eTSSOP                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100                                                                                                        |
| PACKAGE / CASE                   | 38-TFSOP (0.173", 4.40mm Width) Exposed Pad                                                                                 |
| OUTPUT TYPE                      | Adjustable                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 150°C                                                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| FUNCTION                         | Step-Down, Step-Up/Step-Down                                                                                                |
| FREQUENCY - SWITCHING            | 2.2MHz                                                                                                                      |
| DETAILED DESCRIPTION             | Buck, Buck-Boost Switching Regulator IC Positive Adjustable 1.3V 1 Output 400mA 38-TFSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 400mA                                                                                                                       |

Related Tags

|                                         |                                       |                                             |
|-----------------------------------------|---------------------------------------|---------------------------------------------|
| Allegro MicroSystems, LLC. A4412KLVTR-T | A4412KLVTR-T Distributor              | A4412KLVTR-T Supplier                       |
| A4412KLVTR-T Price                      | A4412KLVTR-T Pictures                 | A4412KLVTR-T Image                          |
| A4412KLVTR-T PDF Datasheet              | A4412KLVTR-T Download Datasheet       | A4412KLVTR-T Datasheet                      |
| A4412KLVTR-T Stock                      | Buy A4412KLVTR-T                      | Buy Allegro MicroSystems, LLC. A4412KLVTR-T |
| Allegro MicroSystems, LLC. A4412KLVTR-T | Allegro MicroSystems, LLC. Supplier   | Allegro MicroSystems, LLC. Distributor      |
| Allegro MicroSystems, LLC. A4412KLVTR-T | Allegro Microsystems Inc A4412KLVTR-T | Allegro MicroSystems, LLC A4412KLVTR-T      |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>A443DSC</b><br/>Manufacturers: Hoffmann<br/>Description: JUNCTION BOX STEEL 3.5"L X 4"W<br/>In stock: 1556 pcs<br/><div>RFQ</div></div>                           | <div></div> <div><b>A4407KLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG BUCK/LINEAR 16TSSOP<br/>In stock: 46274 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>A4410KLVTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG QD BCK/BST/LINEAR TSOT<br/>In stock: 18785 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>A4424RT</b><br/>Manufacturers: Hoffmann<br/>Description: WR TRGH TP 3R 4.00X4.00X24.00<br/>In stock: 906 pcs<br/><div>RFQ</div></div>                             |
| <div></div> <div><b>A4406KLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG BUCK/LINEAR 16TSSOP<br/>In stock: 58218 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>A4413KETTR-J</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: AUTOMOTIVE MULTI-OUTPOUT PMIC<br/>In stock: 48183 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>A4408KLVTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: MULT-OUTPUT PMIC WATCHDOG, NPOR,<br/>In stock: 37397 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>A4411KLVTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG QD BCK/BST/LINEAR TSOT<br/>In stock: 41182 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>A4450KESTR-J</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG CTRLR BUCK-BOOST 20QFN<br/>In stock: 62033 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>A4409KLPTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG TRPL BUCK/LINEAR 20ETSSOP<br/>In stock: 26171 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>A4447SLJTR-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 155645 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>A447</b><br/>Manufacturers: APEM Inc.<br/>Description: SWITCH HARDWARE<br/>In stock: 6669 pcs<br/><div>RFQ</div></div>                                            |