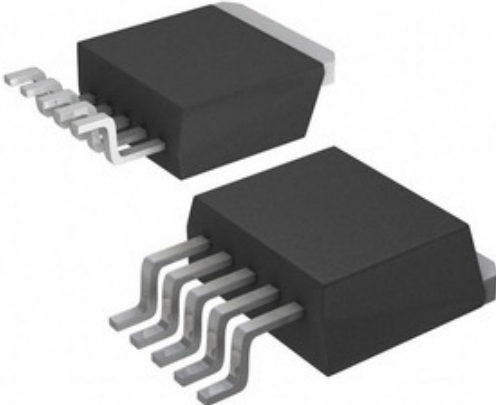


DIODES

PERICOM

Diodes Incorporated



AP1512-12K5L-13

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AP1512-12K5L-13                                                                                                       |
| Manufacturer/Brand: | Diodes Incorporated                                                                                                   |
| Product description | IC REG BUCK 12V 2A TO263-5L                                                                                           |
| Datasheets:         |  <a href="#">AP1512-12K5L-13.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 19211 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

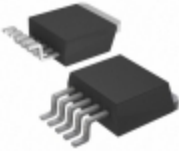
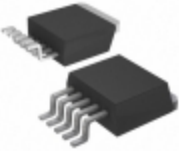
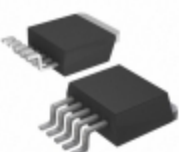
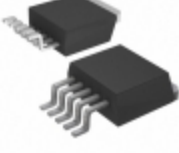
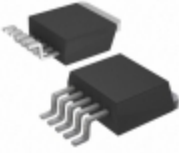
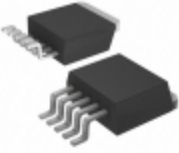
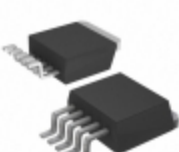
Specifications of AP1512-12K5L-13

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP1512-12K5L-13                                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                                     |
| DESCRIPTION                      | IC REG BUCK 12V 2A TO263-5L                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 19211 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">AP1512-12K5L-13.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 12V                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                       |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                                    |
| VOLTAGE - INPUT (MAX)            | 60V                                                                                                                     |
| TOPOLOGY                         | Buck                                                                                                                    |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | TO-263-5                                                                                                                |
| SERIES                           | -                                                                                                                       |
| PACKAGING                        | Original-Reel®                                                                                                          |
| PACKAGE / CASE                   | TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                                |
| OTHER NAMES                      | AP1512-12K5LDIDKR                                                                                                       |
| OPERATING TEMPERATURE            | -20°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                                                                                              |
| FUNCTION                         | Step-Down                                                                                                               |
| FREQUENCY - SWITCHING            | 50kHz                                                                                                                   |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 12V 1 Output 2A TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                    |
| CURRENT - OUTPUT                 | 2A                                                                                                                      |
| BASE PART NUMBER                 | AP1512                                                                                                                  |

Related Tags

|                                                            |                                    |                                         |
|------------------------------------------------------------|------------------------------------|-----------------------------------------|
| Diodes Incorporated AP1512-12K5L-13                        | AP1512-12K5L-13 Distributor        | AP1512-12K5L-13 Supplier                |
| AP1512-12K5L-13 Price                                      | AP1512-12K5L-13 Pictures           | AP1512-12K5L-13 Image                   |
| AP1512-12K5L-13 PDF Datasheet                              | AP1512-12K5L-13 Download Datasheet | AP1512-12K5L-13 Datasheet               |
| AP1512-12K5L-13 Stock                                      | Buy AP1512-12K5L-13                | Buy Diodes Incorporated AP1512-12K5L-13 |
| Diodes Incorporated AP1512-12K5L-13                        | Diodes Incorporated Supplier       | Diodes Incorporated Distributor         |
| Diodes Incorporated AP1512-12K5L-13                        | Diodes Inc AP1512-12K5L-13         | Pericom Semiconductor AP1512-12K5L-13   |
| Zetex Semiconductors (Diodes Incorporated) AP1512-12K5L-13 |                                    |                                         |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AP1512-12K5L-U</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 12V 2A TO263-5<br/>In stock: 5657 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>AP1512-50K5G-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 2A TO263-5<br/>In stock: 4121 pcs<br/><b>RFQ</b></div>       |
| <div></div> <div><b>AP1509-SL-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 3946 pcs<br/><b>RFQ</b></div>      | <div></div> <div><b>AP1512-50K5L-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 5V 2A TO263-5L<br/>In stock: 24277 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>AP1512-33K5L-U</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 3.3V 2A TO263-5<br/>In stock: 5061 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>AP1509-SG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 131372 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>AP1512-33K5G-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 2A TO263-5<br/>In stock: 4391 pcs<br/><b>RFQ</b></div>     | <div></div> <div><b>AP1512-33K5L-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 3.3V 2A TO263-5L<br/>In stock: 4544 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>AP1510SL-U</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK ADJ 3A 8SOIC<br/>In stock: 5918 pcs<br/><b>RFQ</b></div>        | <div></div> <div><b>AP1510SL-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK ADJ 3A 8SOIC<br/>In stock: 55626 pcs<br/><b>RFQ</b></div>        |
| <div></div> <div><b>AP1512-12K5G-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK 2A TO263-5<br/>In stock: 5590 pcs<br/><b>RFQ</b></div>     | <div></div> <div><b>AP1510SG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG BUCK ADJ 3A 8SO<br/>In stock: 51074 pcs<br/><b>RFQ</b></div>          |