



Diodes Incorporated

## AP1512A-12K5L-U

Part Number:	AP1512A-12K5L-U
Manufacturer/Brand:	Diodes Incorporated
Product description:	IC REG BUCK 12V 3A TO263-5
Datasheets:	<a href="#">AP1512A-12K5L-U.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4773 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 AP1512A-12K5L-U

PART NUMBER	AP1512A-12K5L-U
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC REG BUCK 12V 3A TO263-5
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4773 pcs
DATA SHEET	<a href="#">AP1512A-12K5L-U.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	Tube
PACKAGE / CASE	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 3A TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
CURRENT - OUTPUT	3A
BASE PART NUMBER	AP1512A

### Related Tags

Diodes Incorporated AP1512A-12K5L-U	AP1512A-12K5L-U Distributor	AP1512A-12K5L-U Supplier
AP1512A-12K5L-U Price	AP1512A-12K5L-U Pictures	AP1512A-12K5L-U Image
AP1512A-12K5L-U PDF Datasheet	AP1512A-12K5L-U Download Datasheet	AP1512A-12K5L-U Datasheet
AP1512A-12K5L-U Stock	Buy AP1512A-12K5L-U	Buy Diodes Incorporated AP1512A-12K5L-U
Diodes Incorporated AP1512A-12K5L-U	Diodes Incorporated Supplier	Diodes Incorporated Distributor
Diodes Incorporated AP1512A-12K5L-U	Diodes Inc AP1512A-12K5L-U	Pericom Semiconductor AP1512A-12K5L-U
Zetex Semiconductors (Diodes Incorporated) AP1512A-12K5L-U		

### Related Products

<p><b>AP1512A-12K5G-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 2A TO263-5 In stock: 5926 pcs <b>RFQ</b></p>	<p><b>AP1512A-33K5G-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 2A TO263-5 In stock: 6774 pcs <b>RFQ</b></p>
<p><b>AP1512A-50K5L-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 5V 3A TO263-5L In stock: 18605 pcs <b>RFQ</b></p>	<p><b>AP1512-K5L-U</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK ADJ 2A TO263-5 In stock: 6994 pcs <b>RFQ</b></p>
<p><b>AP1512-K5L-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK ADJ 2A TO263-5L In stock: 2813 pcs <b>RFQ</b></p>	<p><b>AP1512-50K5L-U</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 5V 2A TO263-5 In stock: 4592 pcs <b>RFQ</b></p>
<p><b>AP1512A-50K5G-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 2A TO263-5 In stock: 6861 pcs <b>RFQ</b></p>	<p><b>AP1512A-12K5L-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 12V 3A TO263-5L In stock: 18698 pcs <b>RFQ</b></p>
<p><b>AP1512A-33K5L-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 3.3V 3A TO263-5L In stock: 32048 pcs <b>RFQ</b></p>	<p><b>AP1512A-50K5L-U</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 5V 3A TO263-5 In stock: 6668 pcs <b>RFQ</b></p>
<p><b>AP1512A-33K5L-U</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 3.3V 3A TO263-5 In stock: 3199 pcs <b>RFQ</b></p>	<p><b>AP1512-K5G-13</b> Manufacturers: Diodes Incorporated Description: IC REG BUCK 2A TO263-5 In stock: 3895 pcs <b>RFQ</b></p>