

The image features the Diodes Incorporated logo at the top left, which includes the word "DIODES" in a large, bold, blue font, "INCORPORATED" in a smaller blue font below it, and "PERICOM" in a blue font to the right, with "POWER MOSFET DESIGN" in a very small font underneath. To the right of the logo, the text "Diodes Incorporated" is displayed in a large, bold, black font. Below this header, there are two 3D perspective renderings of electronic components. The component in the foreground is a black, square-shaped package with four silver-colored leads extending from its bottom. The component in the background is a similar black square package with two silver-colored leads extending from its side.

Image may be representation. See specifications for product details.

AP1084K50L-U

Part Number:	AP1084K50L-U
Manufacturer/Brand:	Diodes Incorporated
Product description	IC REG LINEAR 5V 5A TO263-2
Datasheets:	 AP1084K50L-U.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	68684 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of AP1084K50I -U

PART NUMBER	AP1084K50L-U
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC REG LINEAR 5V 5A TO263-2
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	68684 pcs
DATA SHEET	 AP1084K50L-U.pdf
VOLTAGE DROPOUT (MAX)	1.4V @ 5A
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	12V
SUPPLIER DEVICE PACKAGE	TO-263-2
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tube
PACKAGE / CASE	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
PSRR	-
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	0°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 5A TO-263-2
CURRENT - QUIESCENT (IQ)	10mA
CURRENT - OUTPUT	5A
CONTROL FEATURES	-
BASE PART NUMBER	AP1084

Related Tags

Diodes Incorporated AP1084K50L-U	AP1084K50L-U Distributor	AP1084K50L-U Supplier
AP1084K50L-U Price	AP1084K50L-U Pictures	AP1084K50L-U Image
AP1084K50L-U PDF Datasheet	AP1084K50L-U Download Datasheet	AP1084K50L-U Datasheet
AP1084K50L-U Stock	Buy AP1084K50L-U	Buy Diodes Incorporated AP1084K50L-U
Diodes Incorporated AP1084K50L-U	Diodes Incorporated Supplier	Diodes Incorporated Distributor
Diodes Incorporated AP1084K50L-U	Diodes Inc AP1084K50L-U	Pericom Semiconductor AP1084K50L-U
Zetex Semiconductors (Diodes Incorporated) AP1084K50L-U		

Related Products

 AP1084K33L-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR 3.3V 5A TO263-2 In stock: 3545 pcs RFQ	 AP1084K25L-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR 2.5V 5A TO263-2 In stock: 5489 pcs RFQ
 AP1084T18G-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR 1.8V 5A TO220-3 In stock: 6847 pcs RFQ	 AP1084K33L-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR 3.3V 5A TO263-2 In stock: 5342 pcs RFQ
 AP1084K50G-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR 5V 5A TO263-2 In stock: 6425 pcs RFQ	 AP1084T15G-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR 1.5V 5A TO220-3 In stock: 4209 pcs RFQ
 AP1084KL-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR POS ADJ 5A TO263-2 In stock: 5062 pcs RFQ	 AP1084T15L-U Manufacturers: Diodes Incorporated Description: IC REG LINEAR 1.5V 5A TO220-3 In stock: 70151 pcs RFQ
 AP1084K50L-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR 5V 5A TO263-2 In stock: 61199 pcs RFQ	 AP1084KL-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR POS ADJ 5A TO263-2 In stock: 3851 pcs RFQ
 AP1084KG-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR POS ADJ 5A TO263-2 In stock: 167131 pcs RFQ	 AP1084K33G-13 Manufacturers: Diodes Incorporated Description: IC REG LINEAR 3.3V 5A TO263-2 In stock: 162976 pcs RFQ