

AP1084KL-U



Part Number:

AP1084KL-U

Manufacturer:

Diodes Incorporated

Description:

IC REG LINEAR POS ADJ 5A TO263-2

Data sheet:

 [AP1084](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

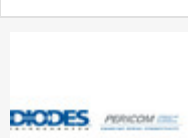
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |                                |                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AP1084KL-U                                                                          | Manufacturer                   | <a href="#">Diodes Incorporated</a>       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG LINEAR POS ADJ 5A TO263-2                                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4365 pcs                                                                            | Data sheet                     | <a href="#">AP1084</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                           | Voltage Dropout (Max)          | 1.4V @ 5A                                 |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.25V                                                                               | Voltage - Output (Max)         | 10.6V                                     |
| 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                    | Adjustable                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                          | Positive                                                                            | Operating Temperature          | 0°C ~ 125°C                               |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                   | Mounting Type                  | Surface Mount                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V ~ 3.3 V 5A TO-263-2 | Current - Quiescent (Iq)       | 10mA                                      |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5A                                                                                  | Control Features               | -                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | AP1084                                                                              |                                |                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 4365 pieces of Diodes Incorporated AP1084KL-U in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                     |                                |                                           |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">AP1084T33L-U</a><br>Description: IC REG LINEAR 3.3V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K33L-13</a><br>Description: IC REG LINEAR 3.3V 5A TO263-2  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T18L-U</a><br>Description: IC REG LINEAR 1.8V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084KL-13</a><br>Description: IC REG LINEAR POS ADJ 5A TO263-2 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T18G-U</a><br>Description: IC REG LINEAR 1.8V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K50L-13</a><br>Description: IC REG LINEAR 5V 5A TO263-2    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K50L-U</a><br>Description: IC REG LINEAR 5V 5A TO263-2     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T15G-U</a><br>Description: IC REG LINEAR 1.5V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T50L-U</a><br>Description: IC REG LINEAR 5V 5A TO220-3     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K33L-U</a><br>Description: IC REG LINEAR 3.3V 5A TO263-2   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AP1084K25L-U</a><br>Description: IC REG LINEAR 2.5V 5A TO263-2   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T50G-U</a><br>Description: IC REG LINEAR 5V 5A TO220-3     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T33G-U</a><br>Description: IC REG LINEAR 3.3V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084TG-U</a><br>Description: IC REG LINEAR POS ADJ 5A TO220-3  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K33G-13</a><br>Description: IC REG LINEAR 3.3V 5A TO263-2  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084KG-13</a><br>Description: IC REG LINEAR POS ADJ 5A TO263-2 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084T25G-U</a><br>Description: IC REG LINEAR 2.5V 5A TO220-3   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP1084K25L-13</a><br>Description: IC REG LINEAR 2.5V 5A TO263-2  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

| Related keywords for AP1084KL-U |                        |                                  |                                            |
|---------------------------------|------------------------|----------------------------------|--------------------------------------------|
| Diodes Incorporated AP1084KL-U  | AP1084KL-U distributor | AP1084KL-U supplier              | AP1084KL-U price                           |
| AP1084KL-U download datasheet   | AP1084KL-U datasheet   | AP1084KL-U stock                 | buy AP1084KL-U                             |
| Diodes Incorporated AP1084KL-U  | Diodes Inc AP1084KL-U  | Pericom Semiconductor AP1084KL-U | Zetex Semiconductors (Diodes Incorporated) |
| AP1084KL-U                      |                        |                                  |                                            |

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