

AP2001SL-U



Part Number: [AP2001SL-U](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:  [AP2001](#)

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.  
Buy AP2001SL-U with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AP2001SL-U                                | Manufacturer                   | <a href="#">Diodes Incorporated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG CTRLR BUCK 16SOIC                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4018 pcs                                  | Data sheet                     | <a href="#">AP2001</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3.6 V ~ 40 V                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Buck                                      | Synchronous Rectifier          | No                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-SOP                                    | Series                         | -                                                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Packaging                      | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16-SOIC (0.154", 3.90mm Width)            | Output Type                    | Transistor Driver                                                   |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Output Configuration           | Positive                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -20°C ~ 85°C (TA)                         | Number of Outputs              | 2                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Step-Down                                 | Frequency - Switching          | 1kHz ~ 500kHz                                                       |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dead Time Control                         | Clock Sync                     | No                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | AP2001                                    |                                |                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 4018 pieces of Diodes Incorporated AP2001SL-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="#">AP2004SL-13</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2012SF4C-P22</a><br>Description: 2.0X1.2MM INFRARED SMD LED      | Manufacturers: <a href="#">Kingbright</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AP2011SL-13</a><br>Description: IC REG CTRLR BUCK 14SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2012SF4C</a><br>Description: EMITTER IR 880NM 50MA 2012          | Manufacturers: <a href="#">Kingbright</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AP2013</a><br>Description: CRIMP TOOL MINI PNEU NO LOCATOR         | Manufacturers: <a href="#">Astro Tool Corp.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AP2008SG-13</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2-0126D</a><br>Description: TRANSFORMER 110/120V AC              | Manufacturers: <a href="#">IDEC</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AP2012P3C-P22</a><br>Description: 2.0X1.2MM PHOTOTRANSISTOR SMD LE | Manufacturers: <a href="#">Kingbright</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AP2007SL-13</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2003</a><br>Description: CRIMP TOOL MINI PNEU W/LOCR             | Manufacturers: <a href="#">Astro Tool Corp.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">AP2008SL-13</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP20-4E</a><br>Description: CAP TRIMMER                            | Manufacturers: <a href="#">Knowles Voltronics</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">AP2014ASG-13</a><br>Description: IC REG CTRLR BUCK SOP-8L          | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2</a><br>Description: CONFIG SW BODY NON-ILLUM                   | Manufacturers: <a href="#">Altech Corporation</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">AP2004SG-13</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2006SL-13</a><br>Description: IC REG DL BUCK/LINEAR 8-SOIC       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2001SG-13</a><br>Description: IC CONVERTER DC/DC 16SOP           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2001SL-13</a><br>Description: IC REG CTRLR BUCK 16SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AP2012EC</a><br>Description: LED RED CLEAR SMD                     | Manufacturers: <a href="#">Kingbright</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AP20-4</a><br>Description: CAP TRIMMER 0.8-20PF 2000V TH           | Manufacturers: <a href="#">Knowles Voltronics</a>  | <div>RFQ</div> |

Related keywords for AP2001SL-U

|                                |                        |                                  |                                            |
|--------------------------------|------------------------|----------------------------------|--------------------------------------------|
| Diodes Incorporated AP2001SL-U | AP2001SL-U distributor | AP2001SL-U supplier              | AP2001SL-U price                           |
| AP2001SL-U download datasheet  | AP2001SL-U datasheet   | AP2001SL-U stock                 | buy AP2001SL-U                             |
| Diodes Incorporated AP2001SL-U | Diodes Inc AP2001SL-U  | Pericom Semiconductor AP2001SL-U | Zetex Semiconductors (Diodes Incorporated) |
| AP2001SL-U                     |                        |                                  |                                            |