

AZ7500CUMTR-GA



Part Number: [AZ7500CUMTR-GA](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

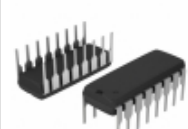
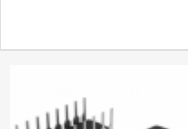
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy AZ7500CUMTR-GA with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                      |                                 |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | AZ7500CUMTR-GA                                                       | Manufacturer                    | <a href="#">Diodes Incorporated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG CTRLR BUCK 16SOIC                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                   | 323511 pcs                                                           | Data sheet                      |                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 7 V ~ 36 V                          |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                             | Buck                                                                 | Synchronous Rectifier           | No                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                              | 16-SOIC                                                              | Series                          | -                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                    | Packaging                       | Tape & Reel (TR)                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                       | 16-SOIC (0.154", 3.90mm Width)                                       | Output Type                     | Transistor Driver                   |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                    | Output Configuration            | Positive                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C (TA)                                                    | Number of Outputs               | 1                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                                                        | Manufacturer Standard Lead Time | 22 Weeks                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                                           | Function                        | Step-Down                           |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                | 1kHz ~ 200kHz                                                        | Duty Cycle (Max)                | 45%                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                 | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC | Control Features                | Enable                              |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                           | No                                                                   |                                 |                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 323511 pieces of Diodes Incorporated AZ7500CUMTR-GA 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: info@Components-World.com |                                                                      |                                 |                                     |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                    |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">AZ7500CMTR-EA</a><br>Description: IC REG CTRLR BUCK 16SOIC      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ78L05HTR-G1</a><br>Description: IC REG LINEAR 5V 100MA SOT223 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ75232GSTR-G1</a><br>Description: IC BUS/BUFF SSOP20           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500BMTR-E1</a><br>Description: IC REG CTRLR BUCK 16SOIC      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500EUP-E1</a><br>Description: IC REG CTRLR BUCK 16DIP        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ78L05MTR-E1</a><br>Description: IC REG LINEAR 5V 100MA 8SOIC  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500FMTR-G1</a><br>Description: IC REG CTRLR BUCK 16SOIC      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500CUMTR-EA</a><br>Description: IC REG CTRLR BUCK 16SOIC     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ78L05MTR-G1</a><br>Description: IC REG LINEAR 5V 100MA 8SOIC  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7045ZTR-G1</a><br>Description: IC RESET GENERATOR             | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500BUP-E1</a><br>Description: IC REG CTRLR BUCK 16DIP        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500CP-E1</a><br>Description: IC REG CTRLR BUCK 16DIP         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ75232GTR-E1</a><br>Description: IC BUS/BUFF TSSOP20           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500EP-E1</a><br>Description: IC REG CTRLR BUCK 16DIP         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ75232GTR-G1</a><br>Description: IC BUS/BUFF TSSOP20           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AZ7500BMTR-AE1</a><br>Description: IC REG CTRLR BUCK 16SOIC     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500CMTR-GA</a><br>Description: IC REG CTRLR BUCK 16SOIC      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500BUMTR-E1</a><br>Description: IC REG CTRLR BUCK 16SOIC     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ7500BP-E1</a><br>Description: IC REG CTRLR BUCK 16DIP         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

|                                            |                            |                                      |                                            |
|--------------------------------------------|----------------------------|--------------------------------------|--------------------------------------------|
| Related keywords for <b>AZ7500CUMTR-GA</b> |                            |                                      |                                            |
| Diodes Incorporated AZ7500CUMTR-GA         | AZ7500CUMTR-GA distributor | AZ7500CUMTR-GA supplier              | AZ7500CUMTR-GA price                       |
| AZ7500CUMTR-GA download datasheet          | AZ7500CUMTR-GA datasheet   | AZ7500CUMTR-GA stock                 | buy AZ7500CUMTR-GA                         |
| Diodes Incorporated AZ7500CUMTR-GA         | Diodes Inc AZ7500CUMTR-GA  | Pericom Semiconductor AZ7500CUMTR-GA | Zetex Semiconductors (Diodes Incorporated) |
| AZ7500CUMTR-GA                             |                            |                                      |                                            |