

AZ1085D-1.8TRE1



Part Number: [AZ1085D-1.8TRE1](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG LINEAR 1.8V 3A TO252-2

Data sheet:  [AZ1085](#)

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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Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                 |                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AZ1085D-1.8TRE1                           | Manufacturer                    | <a href="#">Diodes Incorporated</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG LINEAR 1.8V 3A TO252-2             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 61964 pcs                                 | Data sheet                      | <a href="#">AZ1085</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 1.5V @ 3A                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.8V                                      | Voltage - Output (Max)          | -                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12V                                       | Supplier Device Package         | TO-252-2                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Protection Features             | Over Current, Over Temperature                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                          | Package / Case                  | TO-252-3, DPak (2 Leads + Tab), SC-63                                |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 72dB (120Hz)                              | 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)                             | Manufacturer Standard Lead Time | 22 Weeks                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 3A TO-252-2 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10mA                                      | Current - Output                | 3A                                                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         |                                 |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 61964 pieces of Diodes Incorporated AZ1085D-1.8TRE1 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="#">AZ1085D-3.3TRE1</a><br>Description: IC REG LINEAR 3.3V 3A TO252-2      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1085CS2-2.5TRG1</a><br>Description: IC REG LINEAR 2.5V 3A TO263-2    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1085D-3.3TRG1</a><br>Description: IC REG LINEAR 3.3V 3A TO252-2      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1085D-ADJTRG1</a><br>Description: IC REG LINEAR POS ADJ 3A TO252-2   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1085S-ADJTRG1</a><br>Description: IC REG LINEAR POS ADJ 3A TO263     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1085CS2-1.8TRE1</a><br>Description: IC REG LINEAR 1.8V 3A TO263-2    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
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Related keywords for AZ1085D-1.8TRE1

|                                     |                             |                                       |                                            |
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