

AZ1117H-5.0TRG1





Part Number: [AZ1117H-5.0TRG1](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG LINEAR 5V 1A SOT223

Data sheet:  [AZ1117](#)

RoHs Status: Lead free / RoHS Compliant

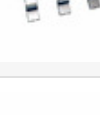
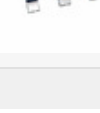
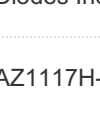
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                 |                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AZ1117H-5.0TRG1                           | Manufacturer                    | <a href="#">Diodes Incorporated</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 5V 1A SOT223                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 137682 pcs                                | Data sheet                      | <a href="#">AZ1117</a>                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 1.25V @ 1A                                                        |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5V                                        | Voltage - Output (Max)          | -                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15V                                       | Supplier Device Package         | SOT-223                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AZ1117                                    | Protection Features             | Thermal Shutdown                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | TO-261-4, TO-261AA                                                |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 75dB (120Hz)                              | Output Type                     | Fixed                                                             |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                  | Operating Temperature           | -40°C ~ 125°C (TJ)                                                |
| 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 5V 1A SOT-223 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10mA                                      | Current - Output                | 1A                                                                |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         |                                 |                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 137682 pieces of Diodes Incorporated AZ1117H-5.0TRG1 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="#">AZ1117H-1.8TRG1</a><br>Description: IC REG LINEAR 1.8V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-3.3TRE1</a><br>Description: IC REG LINEAR 3.3V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117ID-5.0TRG1</a><br>Description: IC REG LINEAR 5V 800MA TO252-2   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-2.5TRG1</a><br>Description: IC REG LINEAR 2.5V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-3.3TRG1</a><br>Description: IC REG LINEAR 3.3V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-1.2TRG1</a><br>Description: IC REG LINEAR 1.2V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-ADJTRE1</a><br>Description: IC REG LINEAR POS ADJ 1A SOT223   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117ID-1.5TRG1</a><br>Description: IC REG LINEAR 1.5V 800MA TO252-2 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AZ1117H-5.0TRE1</a><br>Description: IC REG LINEAR 5V 1A SOT223        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117H-1.8TRE1</a><br>Description: IC REG LINEAR 1.8V 1A SOT223      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117ID-3.3TRG1</a><br>Description: IC REG LINEAR 3.3V 800MA TO252-2 | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AZ1117IH-1.2TRG1</a><br>Description: IC REG LINEAR 1.2V 800MA SOT223  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

| Related keywords for AZ1117H-5.0TRG1 |                             |                                       |                                                               |
|--------------------------------------|-----------------------------|---------------------------------------|---------------------------------------------------------------|
| Diodes Incorporated AZ1117H-5.0TRG1  | AZ1117H-5.0TRG1 distributor | AZ1117H-5.0TRG1 supplier              | AZ1117H-5.0TRG1 price                                         |
| AZ1117H-5.0TRG1 download datasheet   | AZ1117H-5.0TRG1 datasheet   | AZ1117H-5.0TRG1 stock                 | buy AZ1117H-5.0TRG1                                           |
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