

NSI45025AZT1G



**ON Semiconductor®**

**Part Number:** [NSI45025AZT1G](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** IC LED DRIVER LINEAR SOT-223

**Data sheet:**  [NSI45025AZT1G](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

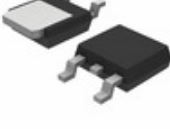
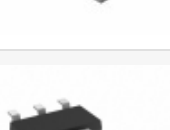
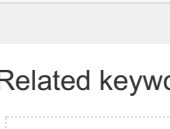
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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

| PRODUCT PARAMETER                |                                                        |                                 |                                                      |
|----------------------------------|--------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Part Number                      | NSI45025AZT1G                                          | Manufacturer                    | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                      | IC LED DRIVER LINEAR SOT-223                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available               | 322779 pcs                                             | Data sheet                      | <a href="#">NSI45025AZT1G</a>                        |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>              | Voltage - Input                 | 45V                                                  |
| Supplier Device Package          | SOT-223                                                | Series                          | -                                                    |
| Sensing Method                   | High/Low-Side                                          | Packaging                       | Tape & Reel (TR)                                     |
| Package / Case                   | TO-261-4, TO-261AA                                     | Other Names                     | NSI45025AZT1GOSTR                                    |
| Operating Temperature            | -55°C ~ 150°C                                          | Mounting Type                   | Surface Mount                                        |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                          | Manufacturer Standard Lead Time | 43 Weeks                                             |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                             | Function                        | Current Regulator                                    |
| Detailed Description             | Current Regulator Regulator High/Low-Side 25mA SOT-223 | Current - Output                | 25mA                                                 |
| Base Part Number                 | NSI45025A                                              | Accuracy                        | ±10%                                                 |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NSI45015WT1G</a><br>Description: IC LED DRIVER LINEAR SOD-123      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45020T1G</a><br>Description: IC CCR/LED DVR 45V 20MA SOD-123    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45035JZT1G</a><br>Description: IC CCR/LED DVR 35MA SOT223       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45060JDT4G</a><br>Description: IC LED DRVR SBT CCR DPAK         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI50350AST3G</a><br>Description: IC REG/LED DRIVER 350MA SMC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45025T1G</a><br>Description: IC CCR/LED DVR 45V 25MA SOD-123    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45030AZT1G</a><br>Description: IC LED DRIVER LINEAR SOT-223     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45020AT1G</a><br>Description: IC LED DRIVER LINEAR SOD-123      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45090JDT4G</a><br>Description: IC LED DRIVER/REG CCR DPAK       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45020JZT1G</a><br>Description: IC LED DRVR CONST CURRENT SOT223 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45030ZT1G</a><br>Description: IC CCR/LED DVR 45V 30MA SOT223-4  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45090DDT4G</a><br>Description: IC LED DRIVER/REG CCR TP-FA      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45025AT1G</a><br>Description: IC LED DRIVER LINEAR SOD-123      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI50010YT1G</a><br>Description: IC REG CCR 50V 10MA SOD123-2      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI50350ADT4G</a><br>Description: IC REG/LED DRIVER 350MA DPAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45025ZT1G</a><br>Description: IC CCR/LED DVR 45V 25MA SOT223-4  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45060DDT4G</a><br>Description: IC LED DRIVER/REG CCR DPAK       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI50150ADT4G</a><br>Description: IC REG CCR LED DVR 350MA DPAK-3  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45030T1G</a><br>Description: IC CCR/LED DVR 45V 30MA SOD-123    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NSI45030AT1G</a><br>Description: IC LED DRIVER LINEAR SOD-123      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

|                                                         |                                                       |                                                            |                                                             |
|---------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|
| Related keywords for <b>NSI45025AZT1G</b>               |                                                       |                                                            |                                                             |
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