

AS7805AT-E1



Part Number: [AS7805AT-E1](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG LINEAR 5V 1A TO220-3

Data sheet:  [AS78xxA Series](#)

RoHs Status: Lead free / RoHS Compliant

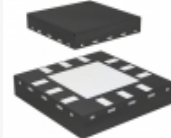
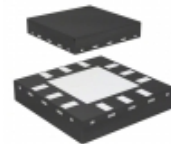
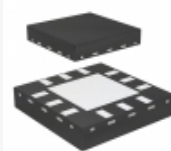
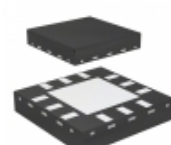
Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                  |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | AS7805AT-E1                                                        | Manufacturer                     | <a href="#">Diodes Incorporated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG LINEAR 5V 1A TO220-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 258816 pcs                                                         | Data sheet                       | <a href="#">AS78xxA Series</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage Dropout (Max)            | 2V @ 1A (Typ)                       |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                      | 5V                                                                 | Voltage - Output (Max)           | -                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                             | 25V                                                                | Supplier Device Package          | TO-220-3                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                  | Protection Features              | Over Temperature, Short Circuit     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tube                                                               | Package / Case                   | TO-220-3                            |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                              | 70dB (120Hz)                                                       | Output Type                      | Fixed                               |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                           | Other Names                      | AS7805AT-E1DI                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 125°C                                                      | Number of Regulators             | 1                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                     | Through Hole                                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                       |
| 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 TO-220-3 | Current - Quiescent (Iq)         | 6mA                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                  | 1A                                                                 | Control Features                 | -                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                  | AS7805                                                             |                                  |                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 258816 pieces of Diodes Incorporated AS7805AT-E1 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="#">AS7809ATF-E1</a><br>Description: IC REG LINEAR 9V 1A TO220-3             | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS732X-DK SMA-LIGHT</a><br>Description: AS732X-DK SMA-LIGHT GUIDE INTERF | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7806AT-E1</a><br>Description: IC REG LINEAR 6V 1A TO220-3              | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7620B-BQFT-500</a><br>Description: IC REG BUCK 3.3V 0.5A 12MLPQ        | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7620A-BQFT</a><br>Description: IC REG BUCK ADJ 0.5A 12MLPQ             | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7805ADTR-E1</a><br>Description: IC REG LINEAR 5V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7805ATF-E1</a><br>Description: IC REG LINEAR 5V 1A TO220F-3            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7620QF_EK_ST</a><br>Description: AS7620 EVALUATION KIT                 | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS732X-DK TRIPOD-ADA</a><br>Description: AS732X-DK TRIPOD-ADAPTER        | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7806ADTR-E1</a><br>Description: IC REG LINEAR 6V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7808AT-E1</a><br>Description: IC REG LINEAR 8V 1A TO220-3              | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7620EB</a><br>Description: BOARD EVALUATION FOR AS7620                 | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7805AT-G1</a><br>Description: IC REG LINEAR 5V 1A TO220-3              | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7620B-BQFT</a><br>Description: IC REG BUCK 3.3V 0.5A 12MLPQ            | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7812ADTR-E1</a><br>Description: IC REG LINEAR 12V 1A TO252-2           | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7809ADTR-E1</a><br>Description: IC REG LINEAR 9V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7620A-BQFT-500</a><br>Description: IC REG BUCK ADJ 0.5A 12MLPQ         | Manufacturers: <a href="#">ams</a>                 | RFQ |
|  | Part#: <a href="#">AS7805ADTR-G1</a><br>Description: IC REG LINEAR 5V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7808ADTR-G1</a><br>Description: IC REG LINEAR 8V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AS7809ADTR-G1</a><br>Description: IC REG LINEAR 9V 1A TO252-2            | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |

Related keywords for **AS7805AT-E1**

|                                 |                         |                                   |                                            |
|---------------------------------|-------------------------|-----------------------------------|--------------------------------------------|
| Diodes Incorporated AS7805AT-E1 | AS7805AT-E1 distributor | AS7805AT-E1 supplier              | AS7805AT-E1 price                          |
| AS7805AT-E1 download datasheet  | AS7805AT-E1 datasheet   | AS7805AT-E1 stock                 | buy AS7805AT-E1                            |
| Diodes Incorporated AS7805AT-E1 | Diodes Inc AS7805AT-E1  | Pericom Semiconductor AS7805AT-E1 | Zetex Semiconductors (Diodes Incorporated) |
| AS7805AT-E1                     |                         |                                   |                                            |