

AS1364-BTDT-45



**Part Number:** [AS1364-BTDT-45](#)

**Manufacturer:** [ams](#)

**Description:** IC REG LINEAR 4.5V 1A 8TDFN

**Data sheet:**  [AS1364](#)

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

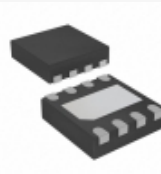
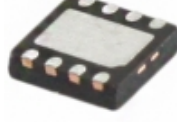
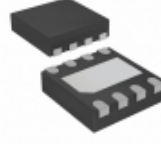
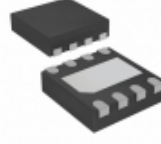
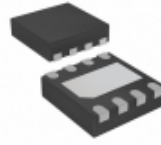
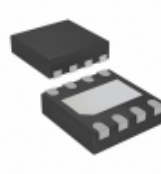
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                          |                                  |                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | AS1364-BTDT-45                                                           | Manufacturer                     | <a href="#">ams</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG LINEAR 4.5V 1A 8TDFN                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 67058 pcs                                                                | Data sheet                       | <a href="#">AS1364</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage Dropout (Max)            | -                                                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                          | 4.5V                                                                     | Voltage - Output (Max)           | -                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                                                     | Supplier Device Package          | 8-TDFN (3x3)                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                        | Protection Features              | Over Current, Over Temperature                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                                         | Package / Case                   | 8-WDFN Exposed Pad                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                  | 78dB ~ 46dB (1kHz ~ 100kHz)                                              | Output Type                      | Fixed                                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                                                 | Other Names                      | 176820043<br>AS1364-BTDT-45-ND<br>AS1364-BTDT-45TR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                                                             | Number of Regulators             | 1                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                       | 16 Weeks                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Linear Voltage Regulator IC Positive Fixed 1 Output 4.5V 1A 8-TDFN (3x3) | Current - Supply (Max)           | 200µA                                              |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                              | 150µA                                                                    | Current - Output                 | 1A                                                 |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                      | Enable, Power Good                                                       |                                  |                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ams series electronic components. We have 67058 pieces of ams AS1364-BTDT-45 in stock available now.<br>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="#">AS1369-BWLT-12</a><br>Description: IC REG LINEAR 1.2V 200MA 4WLCSP | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-18-1K</a><br>Description: IC REG LINEAR 1.8V 1A 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1363B-BSTT-AD</a><br>Description: IC REG LINEAR 500MA SOT23-6    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1367-BTDT-45</a><br>Description: IC REG LINEAR 4.5V 150MA 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-AD</a><br>Description: IC REG LINEAR POS ADJ 1A 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1367-BTDT-30</a><br>Description: IC REG LINEAR 3V 150MA 8TDFN    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|   | Part#: <a href="#">AS1364-BTDT-15</a><br>Description: IC REG LINEAR 1.5V 1A 8TDFN     | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-18</a><br>Description: IC REG LINEAR 1.8V 1A 8TDFN     | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-33</a><br>Description: IC REG LINEAR 3.3V 1A 8TDFN     | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1363-ST-AD_EK_ST</a><br>Description: BOARD EVAL FOR AS1363-AD    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-TD-AD_EK_ST</a><br>Description: BOARD EVAL FOR AS1364-AD    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-30-1K</a><br>Description: IC REG LINEAR 3V 1A 8TDFN    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-15-1K</a><br>Description: IC REG LINEAR 1.5V 1A 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-BTDT-30</a><br>Description: IC REG LINEAR 3V 1A 8TDFN       | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1367-BTDT-12</a><br>Description: IC REG LINEAR 1.2V 150MA 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-TD-18_EK_ST</a><br>Description: BOARD EVAL FOR AS1364-18    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1367-BTDT-18</a><br>Description: IC REG LINEAR 1.8V 150MA 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1364-TD-45_EK_ST</a><br>Description: BOARD EVAL FOR AS1364-45    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1363-ST-45_EK_ST</a><br>Description: BOARD EVAL FOR AS1363-45    | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1367-BTDT-33</a><br>Description: IC REG LINEAR 3.3V 150MA 8TDFN  | Manufacturers: <a href="#">ams</a> | <a href="#">RFQ</a> |

| Related keywords for AS1364-BTDT-45 |                            |                           |                      |
|-------------------------------------|----------------------------|---------------------------|----------------------|
| ams AS1364-BTDT-45                  | AS1364-BTDT-45 distributor | AS1364-BTDT-45 supplier   | AS1364-BTDT-45 price |
| AS1364-BTDT-45 download datasheet   | AS1364-BTDT-45 datasheet   | AS1364-BTDT-45 stock      | buy AS1364-BTDT-45   |
| ams AS1364-BTDT-45                  | ams AG AS1364-BTDT-45      | TAOS / ams AS1364-BTDT-45 |                      |