

AS1506-BTDT-50



Part Number: [AS1506-BTDT-50](#)

Manufacturer [ams](#)

Description [IC POT DGTL 50K SERIAL 8-TDFN](#)

Data sheet:  [AS1506](#)

RoHs Status: [Lead free / RoHS Compliant](#)

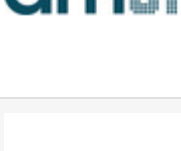
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                 |                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | AS1506-BTDT-50                             | Manufacturer                    | <a href="#">ams</a>                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC POT DGTL 50K SERIAL 8-TDFN              | Lead Free Status / RoHS Status  | <a href="#">Lead free / RoHS Compliant</a>                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 5816 pcs                                   | Data sheet                      | <a href="#">AS1506</a>                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply                | 2.7 V ~ 5.5 V                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                         | ±25%                                       | Temperature Coefficient (Typ)   | 90 ppm/°C                                                                   |
| Taper                                                                                                                                                                                                                                                                                                                                                                                                                             | Linear                                     | Supplier Device Package         | 8-TDFN (3x3)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                          | Resistance - Wiper (Ohms) (Typ) | 200                                                                         |
| Resistance (Ohms)                                                                                                                                                                                                                                                                                                                                                                                                                 | 50k                                        | Packaging                       | Tape & Reel (TR)                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-WDFN Exposed Pad                         | Operating Temperature           | -40°C ~ 85°C                                                                |
| Number of Taps                                                                                                                                                                                                                                                                                                                                                                                                                    | 256                                        | Number of Circuits              | 1                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                              | Memory Type                     | Non-Volatile                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Lead free / RoHS Compliant</a> | Interface                       | SPI                                                                         |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                          | Detailed Description            | Digital Potentiometer 50k Ohm 1 Circuit 256 Taps SPI Interface 8-TDFN (3x3) |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                     | Potentiometer                              |                                 |                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                                          |                                         |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">AS1521-T</a><br>Description: <a href="#">IC ADC 10BIT 8CH 300K 20-TSSOP</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1507-BTDT-100</a><br>Description: <a href="#">IC POT DGTL 100K SERIAL 16TQFN</a>    | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1504-T</a><br>Description: <a href="#">IC DAC 8-BIT OCTAL LP 16-SOIC</a>            | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|   | Part#: <a href="#">AS1507-BTDT-50</a><br>Description: <a href="#">IC POT DGTL 50K SERIAL 16TQFN</a>      | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1506-BTDT-100-1K</a><br>Description: <a href="#">IC POT DGTL 100K SERIAL 8TDFN</a>  | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1505-T</a><br>Description: <a href="#">IC DAC 8-BIT OCTAL LP 16-SOIC</a>            | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1507-BTDT-100-1K</a><br>Description: <a href="#">IC POT DGTL 100K SERIAL 16TQFN</a> | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1520-T</a><br>Description: <a href="#">IC ADC 10BIT 8CH 400K 20-TSSOP</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|   | Part#: <a href="#">AS1507-BTDT-10</a><br>Description: <a href="#">IC POT DGTL 10K SERIAL 16TQFN</a>      | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1506-BTDT-100</a><br>Description: <a href="#">IC POT DGTL 100K SERIAL 8-TDFN</a>    | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1506-BTDT-10</a><br>Description: <a href="#">IC POT DGTL 10K SERIAL 8TDFN</a>       | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1502</a><br>Description: <a href="#">IC DIGITAL POT 50K SERIAL 8-SOIC</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1522-T</a><br>Description: <a href="#">IC ADC 10BIT 4CH 400K 16-TSSOP</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1502-T</a><br>Description: <a href="#">IC POT DGTL 50K SERIAL 8-SOIC</a>            | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1503</a><br>Description: <a href="#">IC DGTL POT 100K SERIAL 8-SOIC</a>             | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1501-T</a><br>Description: <a href="#">IC POT DGTL 20K SERIAL 8-SOIC</a>            | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS150SS</a><br>Description: <a href="#">HOLE SEAL FOR 1 1/2-IN CONDUIT</a>            | Manufacturers: <a href="#">Hoffmann</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1523-T</a><br>Description: <a href="#">IC ADC 10BIT 4CH 300K 16-TSSOP</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1503-T</a><br>Description: <a href="#">IC POT DGTL 100K SERIAL 8-SOIC</a>           | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AS1506-BTDT-50-1K</a><br>Description: <a href="#">IC POT DGTL 50K SERIAL 8TDFN</a>    | Manufacturers: <a href="#">ams</a>      | <a href="#">RFQ</a> |

| Related keywords for AS1506-BTDT-50 |                            |                           |                      |
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