



ams



AS1331-BTDT-25

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AS1331-BTDT-25                                                                                               |
| Manufacturer/Brand: | ams                                                                                                          |
| Product description | IC REG BCK BST 2.5V 0.45A 10TDFN                                                                             |
| Datasheets:         |  AS1331-BTDT-25.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5287 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of AS1331-BTDT-25

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AS1331-BTDT-25                                                                                         |
| MANUFACTURER                     | ams                                                                                                    |
| DESCRIPTION                      | IC REG BCK BST 2.5V 0.45A 10TDFN                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 5287 pcs                                                                                               |
| DATA SHEET                       |  AS1331-BTDT-25.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                   |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                      |
| VOLTAGE - INPUT (MIN)            | 1.8V                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                   |
| TOPOLOGY                         | Buck-Boost                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 10-TDFN (3x3)                                                                                          |
| SERIES                           | -                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 10-WFDFN Exposed Pad                                                                                   |
| OUTPUT TYPE                      | Fixed                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                               |
| OTHER NAMES                      | 178820015                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF OUTPUTS                | 1                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| FUNCTION                         | Step-Up/Step-Down                                                                                      |
| FREQUENCY - SWITCHING            | -                                                                                                      |
| DETAILED DESCRIPTION             | Buck-Boost Switching Regulator IC Positive Fixed 2.5V 1 Output 450mA (Switch) 10-WFDFN Exposed Pad     |
| CURRENT - OUTPUT                 | 450mA (Switch)                                                                                         |

Related Tags

|                              |                                   |                           |
|------------------------------|-----------------------------------|---------------------------|
| ams AS1331-BTDT-25           | AS1331-BTDT-25 Distributor        | AS1331-BTDT-25 Supplier   |
| AS1331-BTDT-25 Price         | AS1331-BTDT-25 Pictures           | AS1331-BTDT-25 Image      |
| AS1331-BTDT-25 PDF Datasheet | AS1331-BTDT-25 Download Datasheet | AS1331-BTDT-25 Datasheet  |
| AS1331-BTDT-25 Stock         | Buy AS1331-BTDT-25                | Buy ams AS1331-BTDT-25    |
| ams AS1331-BTDT-25           | ams Supplier                      | ams Distributor           |
| ams AS1331-BTDT-25           | ams AG AS1331-BTDT-25             | TAOS / ams AS1331-BTDT-25 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>AS1331-BTDT-A25</div> <div>Manufacturers: ams</div> <div>Description: IC REG BCK BST 2.5V 0.45A 10TDFN</div> <div>In stock: 6708 pcs</div> <div>RFQ</div> | <div></div> <div>AS1330-BTDT-AD</div> <div>Manufacturers: ams</div> <div>Description: IC REG BST ADJ 0.65A SYNC 8TDFN</div> <div>In stock: 6339 pcs</div> <div>RFQ</div>      |
| <div></div> <div>AS1331-BTDT</div> <div>Manufacturers: ams</div> <div>Description: IC REG BUCK BST ADJ 0.45A 10TDFN</div> <div>In stock: 5938 pcs</div> <div>RFQ</div>     | <div></div> <div>AS1331-BTDT-33-6K</div> <div>Manufacturers: ams</div> <div>Description: IC REG BCK BST 3.3V 0.45A 10TDFN</div> <div>In stock: 88778 pcs</div> <div>RFQ</div> |
| <div></div> <div>AS1329C-BTTT</div> <div>Manufacturers: ams</div> <div>Description: IC REG BST ADJ 0.85A SYNC TSOT23</div> <div>In stock: 2930 pcs</div> <div>RFQ</div>    | <div></div> <div>AS1331-BTDT-33</div> <div>Manufacturers: ams</div> <div>Description: IC REG BCK BST 3.3V 0.45A 10TDFN</div> <div>In stock: 6902 pcs</div> <div>RFQ</div>     |
| <div></div> <div>AS1331-BTDT-30</div> <div>Manufacturers: ams</div> <div>Description: IC REG BUCK BST 3V 0.45A 10TDFN</div> <div>In stock: 6061 pcs</div> <div>RFQ</div>   | <div></div> <div>AS1330-BTDT-30</div> <div>Manufacturers: ams</div> <div>Description: IC REG BOOST 3V 0.65A SYNC 8TDFN</div> <div>In stock: 6927 pcs</div> <div>RFQ</div>     |
| <div></div> <div>AS1331-TD-AD_EK_ST</div> <div>Manufacturers: ams</div> <div>Description: BOARD EVAL FOR AS1331</div> <div>In stock: 2085 pcs</div> <div>RFQ</div>         | <div></div> <div>AS1331-BTDT-AD</div> <div>Manufacturers: ams</div> <div>Description: IC REG BUCK BST ADJ 0.45A 10TDFN</div> <div>In stock: 6378 pcs</div> <div>RFQ</div>     |
| <div></div> <div>AS1329C-TT_EK_ST</div> <div>Manufacturers: ams</div> <div>Description: BOARD EVAL AS1329C</div> <div>In stock: 2717 pcs</div> <div>RFQ</div>              | <div></div> <div>AS1330-BTDT-18</div> <div>Manufacturers: ams</div> <div>Description: IC REG BST 1.8V 0.65A SYNC 8TDFN</div> <div>In stock: 6317 pcs</div> <div>RFQ</div>     |