



ams



AS1312-BTDT-50

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AS1312-BTDT-50                                                                                               |
| Manufacturer/Brand: | ams                                                                                                          |
| Product description | IC REG BOOST 5V 0.4A 8TDFN                                                                                   |
| Datasheets:         |  AS1312-BTDT-50.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 138242 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

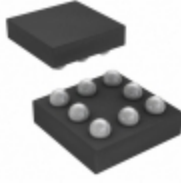
Specifications of AS1312-BTDT-50

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AS1312-BTDT-50                                                                                         |
| MANUFACTURER                     | ams                                                                                                    |
| DESCRIPTION                      | IC REG BOOST 5V 0.4A 8TDFN                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 138242 pcs                                                                                             |
| DATA SHEET                       |  AS1312-BTDT-50.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                      |
| VOLTAGE - INPUT (MIN)            | 0.7V                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 5V                                                                                                     |
| TOPOLOGY                         | Boost                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 8-TDFN (2x2)                                                                                           |
| SERIES                           | -                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 8-UFDFN Exposed Pad                                                                                    |
| OUTPUT TYPE                      | Fixed                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                               |
| 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                                                                                                |
| FREQUENCY - SWITCHING            | -                                                                                                      |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Fixed 5V 1 Output 400mA (Switch) 8-UFDFN Exposed Pad             |
| CURRENT - OUTPUT                 | 400mA (Switch)                                                                                         |

Related Tags

|                              |                                   |                           |
|------------------------------|-----------------------------------|---------------------------|
| ams AS1312-BTDT-50           | AS1312-BTDT-50 Distributor        | AS1312-BTDT-50 Supplier   |
| AS1312-BTDT-50 Price         | AS1312-BTDT-50 Pictures           | AS1312-BTDT-50 Image      |
| AS1312-BTDT-50 PDF Datasheet | AS1312-BTDT-50 Download Datasheet | AS1312-BTDT-50 Datasheet  |
| AS1312-BTDT-50 Stock         | Buy AS1312-BTDT-50                | Buy ams AS1312-BTDT-50    |
| ams AS1312-BTDT-50           | ams Supplier                      | ams Distributor           |
| ams AS1312-BTDT-50           | ams AG AS1312-BTDT-50             | TAOS / ams AS1312-BTDT-50 |

Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AS1312-BWLT-33</b><br/>Manufacturers: ams<br/>Description: DC DC CONVERTER 3.3V<br/>In stock: 228409 pcs<br/><div>RFQ</div></div>           |  <div><b>AS1312-BTDM-30</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 3V 0.4A 8MLPD<br/>In stock: 4586 pcs<br/><div>RFQ</div></div>      |
|  <div><b>AS1313-BTDM-18</b><br/>Manufacturers: ams<br/>Description: IC REG BCK 1.8V 0.15A SYNC 8MLPD<br/>In stock: 5429 pcs<br/><div>RFQ</div></div> |  <div><b>AS1312-BTDM-33</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 3.3V 0.4A MLPD8<br/>In stock: 5205 pcs<br/><div>RFQ</div></div>    |
|  <div><b>AS1310-TD-33_EK_ST</b><br/>Manufacturers: ams<br/>Description: BOARD EVAL FOR AS1310-33<br/>In stock: 1550 pcs<br/><div>RFQ</div></div>     |  <div><b>AS1312-BWLM-45</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 4.5V 0.4A 8WLCSP<br/>In stock: 202558 pcs<br/><div>RFQ</div></div> |
|  <div><b>AS1312-BTDM-27</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 3V 0.4A 8MLPD<br/>In stock: 4797 pcs<br/><div>RFQ</div></div>       |  <div><b>AS1312-TD-50_EK_ST</b><br/>Manufacturers: ams<br/>Description: EVAL BOARD FOR AS1312<br/>In stock: 3543 pcs<br/><div>RFQ</div></div>       |
|  <div><b>AS1312-BWLT-45</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 4.5V 0.4A 8WLCSP<br/>In stock: 247623 pcs<br/><div>RFQ</div></div>  |  <div><b>AS1312-BTDM-50</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 5V 0.4A 8TDFN<br/>In stock: 6380 pcs<br/><div>RFQ</div></div>      |
|  <div><b>AS1312-BWLM-50</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 5V 0.4A 8WLCSP<br/>In stock: 235431 pcs<br/><div>RFQ</div></div>    |  <div><b>AS1311-BTDT</b><br/>Manufacturers: ams<br/>Description: IC REG BOOST 1.8V 0.32A 8TDFN<br/>In stock: 5034 pcs<br/><div>RFQ</div></div>      |