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Avago Technologies (Broadcom Limited)

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### MGA-31816-TR1G

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MGA-31816-TR1G                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | IC RF AMP GP 1.5GHZ-4GHZ 16QFN                                                                                       |
| Datasheets:         |  <a href="#">MGA-31816-TR1G.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 6134 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.

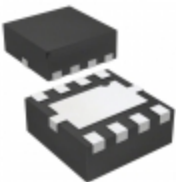
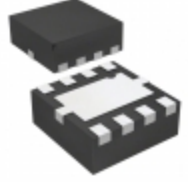
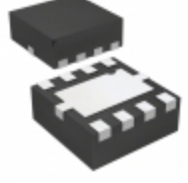
#### Specifications of MGA-31816-TR1G

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MGA-31816-TR1G                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                      | IC RF AMP GP 1.5GHZ-4GHZ 16QFN                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 6134 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">MGA-31816-TR1G.pdf</a> |
| VOLTAGE - SUPPLY                 | 5V                                                                                                                     |
| TEST FREQUENCY                   | 1.9GHz                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (3x3)                                                                                                           |
| SERIES                           | -                                                                                                                      |
| RF TYPE                          | General Purpose                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad                                                                                                   |
| P1DB                             | 20.5dBm                                                                                                                |
| NOISE FIGURE                     | 1.6dB                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| GAIN                             | 19.5dB                                                                                                                 |
| FREQUENCY                        | 1.5GHz ~ 4GHz                                                                                                          |
| DETAILED DESCRIPTION             | RF Amplifier IC General Purpose 1.5GHz ~ 4GHz 16-QFN (3x3)                                                             |
| CURRENT - SUPPLY                 | 61mA                                                                                                                   |

#### Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) MGA-31816-TR1G | MGA-31816-TR1G Distributor                           | MGA-31816-TR1G Supplier                                  |
| MGA-31816-TR1G Price                                 | MGA-31816-TR1G Pictures                              | MGA-31816-TR1G Image                                     |
| MGA-31816-TR1G PDF Datasheet                         | MGA-31816-TR1G Download Datasheet                    | MGA-31816-TR1G Datasheet                                 |
| MGA-31816-TR1G Stock                                 | Buy MGA-31816-TR1G                                   | Buy Avago Technologies (Broadcom Limited) MGA-31816-TR1G |
| Avago Technologies (Broadcom Limited) MGA-31816-TR1G | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) MGA-31816-TR1G | Avago Technologies Limited MGA-31816-TR1G            | Avago Technologies US Inc. MGA-31816-TR1G                |
| Avago Technologies MGA-31816-TR1G                    | Avago Technologies (Broadcom Limited) MGA-31816-TR1G | Broadcom Limited MGA-31816-TR1G                          |

#### Related Products

|                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                         |
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| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-31816-BLKG</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP GP 1.5GHZ-4GHZ 16QFN<br/>In stock: 6121 pcs</div> <div>RFQ</div> | <div></div> <div><b>MGA-425P8-BLK</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP ISM 2GHZ-10GHZ 8LPCC<br/>In stock: 5796 pcs</div> <div>RFQ</div>                                                           |
| <div></div> <div><b>MGA-31689-TR1G</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP GP 1.5GHZ-3GHZ SOT89-3<br/>In stock: 6125 pcs</div> <div>RFQ</div>                                                       | <div></div> <div><b>MGA-31589-TR1G</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC AMP GP 450MHZ-1.5GHZ SOT89-3<br/>In stock: 4961 pcs</div> <div>RFQ</div>                                                         |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-425P8-TR1</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP ISM 2GHZ-10GHZ 8LPCC<br/>In stock: 2757 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-425P8-TR2</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP ISM 2GHZ-10GHZ 8LPCC<br/>In stock: 3455 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MGA-412P8-BLKG</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC AMP 802.15 1.7GHZ-3GHZ 8LPCC<br/>In stock: 6314 pcs</div> <div>RFQ</div>                                                        | <div></div> <div><b>MGA-31689-BLKG</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP GP 1.5GHZ-3GHZ SOT89-3<br/>In stock: 18480 pcs</div> <div>RFQ</div>                                                       |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-31716-TR1G</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP GP 0HZ-2GHZ 16QFN<br/>In stock: 6914 pcs</div> <div>RFQ</div>    | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-412P8-TR2G</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC AMP 802.15 1.7GHZ-3GHZ 8LPCC<br/>In stock: 3939 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MGA-412P8-TR1G</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP IEEE 1.7GHZ-3GHZ 8LPCC<br/>In stock: 62470 pcs</div> <div>RFQ</div>                                                      | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>MGA-31716-BLKG</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC RF AMP GP 0HZ-2GHZ 16QFN<br/>In stock: 5649 pcs</div> <div>RFQ</div>     |