



Energy Micro (Silicon Labs)



AMW106-3.4.0R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AMW106-3.4.0R                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | RF TXRX MODULE WIFI TRACE ANT                                                                                |
| Datasheets:         | <a href="#">1.AMW106-3.4.0R.pdf</a><br><a href="#">2.AMW106-3.4.0R.pdf</a>                                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| 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 AMW106-3.4.0R

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | AMW106-3.4.0R                                                              |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                |
| DESCRIPTION                      | RF TXRX MODULE WIFI TRACE ANT                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| DATA SHEET                       | <a href="#">1.AMW106-3.4.0R.pdf</a><br><a href="#">2.AMW106-3.4.0R.pdf</a> |
| VOLTAGE - SUPPLY                 | 3.3V                                                                       |
| UTILIZED IC / PART               | BCM43362                                                                   |
| SERIES                           | -                                                                          |
| SERIAL INTERFACES                | SPI, UART                                                                  |
| SENSITIVITY                      | -94dBm                                                                     |
| RF FAMILY/STANDARD               | WIFI                                                                       |
| PROTOCOL                         | 802.11b/g/n                                                                |
| POWER - OUTPUT                   | 18dBm                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                           |
| PACKAGE / CASE                   | 52-SMD Module                                                              |
| OTHER NAMES                      | 1586-1020-2<br>AMW106/R                                                    |
| OPERATING TEMPERATURE            | -30°C ~ 85°C                                                               |
| MOUNTING TYPE                    | Surface Mount                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                              |
| MODULATION                       | CCK, DSSS, OFDM                                                            |
| MEMORY SIZE                      | 1.5MB Flash, 128kB RAM                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| FREQUENCY                        | 2.4GHz                                                                     |
| DATA RATE                        | 65Mbps                                                                     |
| CURRENT - TRANSMITTING           | 11.4mA                                                                     |
| CURRENT - RECEIVING              | 5.7mA                                                                      |
| ANTENNA TYPE                     | Integrated, Trace                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) AMW106-3.4.0R | AMW106-3.4.0R Distributor            | AMW106-3.4.0R Supplier                        |
| AMW106-3.4.0R Price                       | AMW106-3.4.0R Pictures               | AMW106-3.4.0R Image                           |
| AMW106-3.4.0R PDF Datasheet               | AMW106-3.4.0R Download Datasheet     | AMW106-3.4.0R Datasheet                       |
| AMW106-3.4.0R Stock                       | Buy AMW106-3.4.0R                    | Buy Energy Micro (Silicon Labs) AMW106-3.4.0R |
| Energy Micro (Silicon Labs) AMW106-3.4.0R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) AMW106-3.4.0R | Energy Micro AMW106-3.4.0R           | Energy Micro (Silicon Labs) AMW106-3.4.0R     |
| Silicon Laboratories AMW106-3.4.0R        | Silicon Labs AMW106-3.4.0R           |                                               |

Related Products

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|  <div><b>AMW106-E03</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MORAY BRD FOR AMW106 NUMBAT<br/>In stock: 1 pcs<br/><a href="#">RFQ</a></div>             |  <div><b>AMW136-3.3.2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: B/G/N WI-FI MODULE, 100MHZ CORE<br/>In stock: 500 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>AMW037-1.2.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: WORLD'S SMALLEST CERTIFIED B/G/N<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>AMW136</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: B/G/N WI-FI MODULE, 100MHZ CORE,<br/>In stock: 65 pcs<br/><a href="#">RFQ</a></div>          |
|  <div><b>AMW136-3.2.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF MODULE WIFI 128K 1MB 100MHZ<br/>In stock: 505 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>AMW106-3.2.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE WIFI TRACE ANT<br/>In stock: 991 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>AMW037R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: WIFI MODULE B/G/N 2MB FLASH<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>            |  <div><b>AMW106-3.3.2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: B/G/N WI-FI MODULE, 100MHZ CORE<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>AMW136-E03</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: AMW136 DEVELOPER BOARD<br/>In stock: 37 pcs<br/><a href="#">RFQ</a></div>                 |  <div><b>AMW037-E01</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: AMW037 DEVELOPER BOARD<br/>In stock: 30 pcs<br/><a href="#">RFQ</a></div>                |
|  <div><b>AMW106</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE WIFI TRACE ANT<br/>In stock: 100 pcs<br/><a href="#">RFQ</a></div>             |  <div><b>AMW106-A02</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MANTIS 106 WIFI SHIELD<br/>In stock: 17 pcs<br/><a href="#">RFQ</a></div>                |