



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

AMW004

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AMW004                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | RF TXRX MODULE WIFI TRACE + U.FL                                                                             |
| Datasheets:         |  AMW004.pdf                 |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of AMW004

|                                |                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                    | AMW004                                                                                         |
| MANUFACTURER                   | Energy Micro (Silicon Labs)                                                                    |
| DESCRIPTION                    | RF TXRX MODULE WIFI TRACE + U.FL                                                               |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                     |  AMW004.pdf |
| 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                 | 18.5dBm                                                                                        |
| PACKAGING                      | Bulk                                                                                           |
| PACKAGE / CASE                 | 54-SMD Module                                                                                  |
| OTHER NAMES                    | 1586-1012<br>AMW004 /S<br>AMW004/S<br>AMW004/T                                                 |
| OPERATING TEMPERATURE          | -30°C ~ 85°C                                                                                   |
| MOUNTING TYPE                  | Surface Mount                                                                                  |
| MODULATION                     | CCK, DSSS, OFDM                                                                                |
| MEMORY SIZE                    | 2MB ROM, 128kB RAM                                                                             |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                     |
| FREQUENCY                      | 2.4GHz                                                                                         |
| DATA RATE                      | 65Mbps                                                                                         |
| CURRENT - TRANSMITTING         | 348.8mA                                                                                        |
| CURRENT - RECEIVING            | 87.8mA                                                                                         |
| ANTENNA TYPE                   | Integrated, Trace + U.FL                                                                       |

Related Tags

|                                    |                                      |                                         |
|------------------------------------|--------------------------------------|-----------------------------------------|
| Energy Micro (Silicon Labs) AMW004 | AMW004 Distributor                   | AMW004 Supplier                         |
| AMW004 Price                       | AMW004 Pictures                      | AMW004 Image                            |
| AMW004 PDF Datasheet               | AMW004 Download Datasheet            | AMW004 Datasheet                        |
| AMW004 Stock                       | Buy AMW004                           | Buy Energy Micro (Silicon Labs) AMW004  |
| Energy Micro (Silicon Labs) AMW004 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) AMW004 | Energy Micro AMW004                  | Energy Micro (Silicon Labs) AMW004      |
| Silicon Laboratories AMW004        | Silicon Labs AMW004                  |                                         |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
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| <div><div><b>AMW004-3.3.2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: B/G/N WI-FI MODULE, 120MHZ CORE<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>AMW004-A01/S</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD WIFI CHIP + U.FL ANT<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>AMW004-E01</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SNAPPER BRD FOR AMW004 WALLABY<br/>In stock: Out stock</div><div>RFQ</div></div>    | <div><div><b>AMW004-E02</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MARLIN BRD W/ AMW004-A01 HORNET<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div><b>AMW006-3.3.2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: B/G/N WI-FI MODULE, 84MHZ CORE<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>AMW006</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE WIFI TRACE ANT<br/>In stock: Out stock</div><div>RFQ</div></div>          |
| <div><div><b>AMW006-A02</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MANTIS BRD FOR AMW006 NUMBAT<br/>In stock: 120 pcs</div><div>RFQ</div></div>        | <div><div><b>AMW006-3.2.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF MODULE WIFI 96K 1MB 84MHZ<br/>In stock: 900 pcs</div><div>RFQ</div></div>      |
| <div><div><b>AMW006-A1U</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE WIFI U.FL ANT<br/>In stock: 137 pcs</div><div>RFQ</div></div>        | <div><div><b>AMW004/T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE WIFI TRACE + U.FL<br/>In stock: Out stock</div><div>RFQ</div></div>     |
| <div><div><b>AMW004-E03</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MACKEREL BRD FOR AMW004 WALLABY<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div><b>AMW006-3.4.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MOD 802.11 B/G/N NUMBAT<br/>In stock: Out stock</div><div>RFQ</div></div>         |