



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

AMS002

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AMS002                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | RF TXRX MOD BLUETOOTH TRACE ANT                                                                              |
| Datasheets:         |  <a href="#">AMS002.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12499 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of AMS002

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AMS002                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                    |
| DESCRIPTION                      | RF TXRX MOD BLUETOOTH TRACE ANT                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 12499 pcs                                                                                                      |
| DATA SHEET                       |  <a href="#">AMS002.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                  |
| UTILIZED IC / PART               | -                                                                                                              |
| SERIES                           | WICED                                                                                                          |
| SERIAL INTERFACES                | I²C, SPI, USART                                                                                                |
| SENSITIVITY                      | -94dBm                                                                                                         |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                      |
| PROTOCOL                         | Bluetooth v4.1                                                                                                 |
| POWER - OUTPUT                   | 4dBm                                                                                                           |
| PACKAGING                        | Bulk                                                                                                           |
| PACKAGE / CASE                   | 27-SMD Module                                                                                                  |
| OTHER NAMES                      | 1586-1014<br>AMS002 /S<br>AMS002.5-1.0.0<br>AMS002/S                                                           |
| OPERATING TEMPERATURE            | -30°C ~ 85°C                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                  |
| MODULATION                       | DSSS, GFSK                                                                                                     |
| MEMORY SIZE                      | 8MB Flash                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| FREQUENCY                        | 2.4GHz                                                                                                         |
| DATA RATE                        | 1Mbps                                                                                                          |
| CURRENT - TRANSMITTING           | 22mA                                                                                                           |
| CURRENT - RECEIVING              | 26.6mA                                                                                                         |
| ANTENNA TYPE                     | Integrated, Trace                                                                                              |

Related Tags

|                                    |                                      |                                         |
|------------------------------------|--------------------------------------|-----------------------------------------|
| Energy Micro (Silicon Labs) AMS002 | AMS002 Distributor                   | AMS002 Supplier                         |
| AMS002 Price                       | AMS002 Pictures                      | AMS002 Image                            |
| AMS002 PDF Datasheet               | AMS002 Download Datasheet            | AMS002 Datasheet                        |
| AMS002 Stock                       | Buy AMS002                           | Buy Energy Micro (Silicon Labs) AMS002  |
| Energy Micro (Silicon Labs) AMS002 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) AMS002 | Energy Micro AMS002                  | Energy Micro (Silicon Labs) AMS002      |
| Silicon Laboratories AMS002        | Silicon Labs AMS002                  |                                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>AMS104W</b><br/>Manufacturers: Panasonic<br/>Description: SENSOR LIGHT NAPICA 6V SMD<br/>In stock: 6789 pcs<br/><div>RFQ</div></div>                          | <div></div> <div><b>AMS001-3.0.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ZENTRI MODULE, BLUETOOTH LOW ENE<br/>In stock: 12552 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AMS001/T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 4513 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AMS001-E01</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: WAHOO BRD FOR AMS00X BOBCAT<br/>In stock: 1157 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>AMS001R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 11301 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AMS002-E03</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BREAM BRD FOR AMS001 BOBCATLP<br/>In stock: 1680 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>AMS002R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 13117 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AMS002-3.0.0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ZENTRI MODULE, BLUETOOTH LOW ENE<br/>In stock: 14160 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AMS001-E03</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BREAM BRD FOR AMS001 BOBCATLP<br/>In stock: 1545 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AMS002-3.0.0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ZENTRI MODULE, BLUETOOTH LOW ENE<br/>In stock: 15727 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>AMS002/T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 3898 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AMS001</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: 11729 pcs<br/><div>RFQ</div></div>         |