

**Energy Micro (Silicon Labs)**

**SILICON LABS**

## AMW037

Part Number:	AMW037
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	WORLD'S SMALLEST CERTIFIED B/G/N
Datasheets:	
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 AMW037

PART NUMBER	AMW037
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	WORLD'S SMALLEST CERTIFIED B/G/N
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	3.3V
UTILIZED IC / PART	-
SERIES	-
SERIAL INTERFACES	SPI, UART
SENSITIVITY	-93dBm
RF FAMILY/STANDARD	WiFi
PROTOCOL	802.11b/g/n
POWER - OUTPUT	18dBm
PACKAGING	Bulk
PACKAGE / CASE	Module
OTHER NAMES	1586-1035 AMW037-ND AMW037/S
OPERATING TEMPERATURE	-30°C ~ 85°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MODULATION	-
MEMORY SIZE	2MB Flash
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	2.4GHz
DATA RATE	54Mbps
CURRENT - TRANSMITTING	100mA ~ 200mA
CURRENT - RECEIVING	50mA
ANTENNA TYPE	-

### Related Tags

Energy Micro (Silicon Labs) AMW037	AMW037 Distributor	AMW037 Supplier
AMW037 Price	AMW037 Pictures	AMW037 Image
AMW037 PDF Datasheet	AMW037 Download Datasheet	AMW037 Datasheet
AMW037 Stock	Buy AMW037	Buy Energy Micro (Silicon Labs) AMW037
Energy Micro (Silicon Labs) AMW037	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) AMW037	Energy Micro AMW037	Energy Micro (Silicon Labs) AMW037
Silicon Laboratories AMW037	Silicon Labs AMW037	

### Related Products

<div style="display: flex; align-items: center;"> <div> <p><b>AMW036-E03</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: AMW036 DEVELOPER BOARD</p> <p>In stock: 48 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW037-1.0.2R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: RF MODULE WIFI B/G/N 2MB 80MHZ</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>AMW036R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: WIFI MODULE B/G/N 1MB FLASH</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW036-3.3.2R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: B/G/N WI-FI MODULE, 84MHZ CORE</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>AMW037-1.2.0R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: WORLD'S SMALLEST CERTIFIED B/G/N</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW106</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: RF TXRX MODULE WIFI TRACE ANT</p> <p>In stock: 100 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>AMW037-E01</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: AMW037 DEVELOPER BOARD</p> <p>In stock: 30 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW037R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: WIFI MODULE B/G/N 2MB FLASH</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>AMW036</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: B/G/N WI-FI MODULE, 84MHZ CORE,</p> <p>In stock: 215 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW007-1.2.0R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: RF TXRX MOD 2.4GHZ 802.11B/G/N</p> <p>In stock: Out stock</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>AMW106-3.2.0R</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: RF TXRX MODULE WIFI TRACE ANT</p> <p>In stock: 991 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>AMW007-E03</b></p> <p>Manufacturers: Energy Micro (Silicon Labs)</p> <p>Description: AMW007 DEVELOPER BOARD</p> <p>In stock: 64 pcs</p> <p style="background-color: #ccc; padding: 2px; text-align: center; border-radius: 5px;">RFQ</p> </div> </div>