Murata is a world leader in the design and manufacture of wireless connectivity modules. With the industry's broadest wireless connectivity portfolio, Murata offers cost-effective, high volume wireless modules that are easily integrated into your end products. Murata's connectivity modules are embedded in Internet of Things (IoT) applications, including handheld, wearable, and industrial machine-to-machine (M2M) systems where size, performance, and power consumption are critical.

### Bluetooth® Smart
- **Model**: Type ZY
- **Part Number**: LBCA2HNZY-711
- **Dimensions (mm)**: 7.4x7.0x1.0

### Wi-Fi® 802.11 b/g/n
- **Model**: SN8000
- **Part Number**: 88-00153-02
- **Dimensions (mm)**: 24.0x11.4x1.9

### Embedded Wi-Fi® 802.11 b/g/n
- **Model**: SN8205
- **Part Number**: 88-00158-02
- **Dimensions (mm)**: 30.5x19.4x2.8

### Embedded Wi-Fi® 802.11 b/g/n
- **Model**: Type YD-Certified
- **Part Number**: LBWB1ZZYDZ-740
- **Dimensions (mm)**: 33x18x2.5

### 900MHz FHSS
- **Model**: DNT900
- **Part Number**: DNT900XTND
- **Dimensions (mm)**: 61x37x4.4

Product images not to scale.
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<table>
<thead>
<tr>
<th>Model</th>
<th>Type ZY</th>
<th>SN8000</th>
<th>SN8205</th>
<th>Type YD-Certified</th>
<th>DNT900</th>
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</thead>
<tbody>
<tr>
<td><strong>Wireless Technology</strong></td>
<td>Bluetooth® Smart v4.1</td>
<td>Wi-Fi® 802.11 b/g/n</td>
<td>Wi-Fi® 802.11 b/g/n</td>
<td>Wi-Fi® 802.11 b/g/n</td>
<td>900MHz Frequency Hopping (FHSS)</td>
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<tr>
<td><strong>Part Number</strong></td>
<td>LBCA2HNZYZ-711</td>
<td>88-00153-00, 88-00153-02</td>
<td>88-00158-00, 88-00158-02</td>
<td>LBWB1ZZYDZ-740</td>
<td>DNT900XTND</td>
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<tr>
<td><strong>EVK Part Number</strong></td>
<td>LBCA2HNZYZ-TEMP-DK</td>
<td>88-00153-85, 88-00153-87</td>
<td>88-00158-95, 88-00158-97</td>
<td>LBWB1ZZYDZ-DTEMP-SNIC-A</td>
<td>DNT900XTNDDK</td>
</tr>
<tr>
<td><strong>Wireless Stack</strong></td>
<td>On module</td>
<td>On host</td>
<td>On module</td>
<td>On module</td>
<td>On module</td>
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<tr>
<td><strong>Processor</strong></td>
<td>On module Cortex M0</td>
<td>Customer selected MCU/MPU</td>
<td>On module Cortex M3</td>
<td>On module Cortex M3</td>
<td>Customer selected or stand-alone</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-40 to +85°C</td>
<td>-40 to +85°C</td>
<td>-40 to +85°C</td>
<td>-40 to +85°C</td>
<td>-40 to +85°C</td>
</tr>
<tr>
<td><strong>Certification</strong></td>
<td>FCC/IC/CE</td>
<td>FCC/IC/CE</td>
<td>FCC/IC/CE</td>
<td>FCC/IC</td>
<td>FCC/IC</td>
</tr>
<tr>
<td><strong>Other Software Feature</strong></td>
<td>Programmable application and profiles</td>
<td>AP/STA dual mode, serial to Wi-Fi</td>
<td>AP/STA dual mode, serial to Wi-Fi</td>
<td>AP/STA dual mode, serial to Wi-Fi, Cloud agent*</td>
<td>Pt-Pt/Mpt., Long Range Mesh</td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Sensing nodes, Health &amp; Fitness, Wearables, Smart energy, Proximity tags</td>
<td>Home appliances, Smart energy, Industrial monitoring &amp; control</td>
<td>Home appliances, Smart energy, Industrial monitoring &amp; control</td>
<td>Wearables, Smart energy, Home automation, Cloud services</td>
<td>Industrial Data Communication, Control &amp; monitoring</td>
</tr>
</tbody>
</table>

Please use part number when placing orders.

*LBWB1ZZYDZ-683 for Ayla Cloud Agent

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