ME3616 is a ultra-packet NB-IoT module, The dimensions of ME3616 is 16*18mm, it is fully compatible with 3GPP R14 standard, it can support eSIM, that means it can support mobility and lower power consumption, these three advantages make it more popular in Smart meter, Smart city, wearable devices and tracker industries.

ME3616 is designed for low-power, wide-area, massive IoT connection, multiple protocols including CoAP, TCP/UDP, MQTT, OMA-LWM2M, oneNET are embedded in it. ME3616 can support PSM and eDRX low-power working mode.
ME3616

**General Features**
- LCC Form Factor (40 pins)
- Dimensions: 16mm × 18mm × 2.3mm
- Frequency Band : NB-IoT
- Pin to pin with MG2608-G

**Electrical & Sensitivity**
- Transmit Power:
  - NB-IoT: 23 ± 2.7dBm (Power Class 3)
- Power Supply:
  - 2.85V ~ 3.6V (3.0V is recommended)

**Data Features**
- NB-IoT
  - Max Uplink 66 Kbps / Downlink 34 Kbps

**Interfaces**
- UART1
- UART2 (For debug, 2-wires)
- SIM interface (1.8/3.0V)
- eSIM (2*2mm&5*6mm)
- RF PAD for Primary Antenna
- Reset & Power-on
- ADC
- GPIO
- WAKEUP_IN/WAKEUP_OUT

**Applications**
- Embedded CoAP/OMA-LWM2M/oneNET/MQTT
- TCP/UDP
- HTTP/HTTPS
- PSM&eDRX
- GOSUNCN extended AT commands

**ME3616 Series**

<table>
<thead>
<tr>
<th>PID</th>
<th>Band</th>
</tr>
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<tbody>
<tr>
<td>E1A</td>
<td>B1, B3, B5, B8, B20, B28</td>
</tr>
</tbody>
</table>

**Environmental**
- Operation temperature: -30° C to +75° C
  - Extreme Operating temperature: -40° C to +85° C
- Storage temperature: -40° C to +85° C
- Humidity: 5%~95%

Notes: The pictures are just for reference, please in kind prevail.
Gosuncn Data Protection Notification

Dear Customer:

By continuing to use this device, you indicate that you have read and agree to the following content: In order to provide better service, Gosuncn Technology Group Co., Ltd (Gosuncn) software requires access to your device’s unique identifier (IMEI/SN), system and application versions. Gosuncn may use these data to inform you about software updates and install them and improve user experience as our legitimate interest. Note that Gosuncn will not use these data for the purposes of personally identifying you.

To understand better about our privacy policy, please read: http://www.gosuncnwelink.com/en/privacy_policy/. And you may send an email to privacy@gosuncn.com to contact us.

Gosuncn Technology Group Co., Ltd