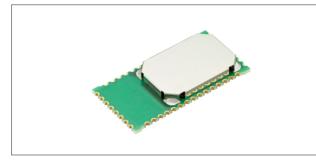


Bluetooth[™] HCI Module with Antenna for Automobiles



UGXZD-G Series

Module with built-in antenna for automotive equipment meets high demand



Features

- Meets growing demand for built-in antennas for automobiles
- Compact size allows installation in front panels of equipment
- Module enables optimization of antenna characteristics affected by equipment design, including mounting position and mechanism layout

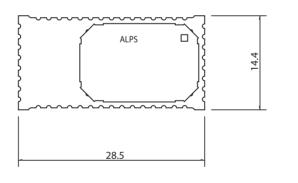
Applications

Automotive applications including navigation systems and audio head units

Typical Specifications

| Dimensions (W x D x H) | 28.5 x 14.4 x 2.8 mm |
|------------------------|-----------------------|
| Specification | Ver. 2.1+EDR (3.0+HS) |
| Interface | UART |
| Frequency | 2402 to 2480 MHz |
| Supply voltage | 3.3 V |
| Transfer speed | 1 to 3Mbps |

Dimensions







Precautions when handling our products

- For the export of products which are controlled items subject to foreign and domestic export laws and regulations, you must obtain approval and/or follow the formalities of such laws and regulations.
 Products must not be used for military and/or antisocial purposes such as terrorism, and shall not be supplied to any party intending to use the products for such purposes.
 Unless provided for otherwise, the products have been designed and manufactured for application in equipment and devices which are sold to end users in the market, including audio-visual (AV) equipment, electrical home appliances, office machines, information and communication equipment, and amusement equipment. The products are not intended for use in, and must not be used for, any application for nuclear equipment, driving enuipment for aerospace or any other unauthorized use.

and antidement equipment, the products are not mended for use in, and must not be used to, any application for induced equipment, driving
equipment for aerospace or any other unauthorized use.
With the exception of the abovementioned prohibited applications, please contact an Alps sales representative and/or evaluate the total system
regarding applicability for applications involving high levels of safety and liability such as medical equipment, burglar alarm eperformations devices and on the complete system to ensure safety and reliability of the total system.

4. Before using products which were not specifically designed for use in automotive applications, please contact an Alps sales representative.

Cautions for using this catalog

 The specifications herein are an overview of the specifications. Obtain official specifications before use.
 The colors of the products in the catalog may slightly differ from those of the actual products.
 Products herein, or the external appearance, functions, or other specifications of products herein, may be discontinued without prior notice. 4. All product names, company names and names of standards described in this catalog are trademarks or registered trademarks of their respective owners

- The contents of this catalog are according to Alps Electric as of April 2012.
 This catalog is valid until December 31, 2012.

ALPS ELECTRIC CO., LTD. 1-7,Yukigaya-otsukamachi,Ota-ku,Tokyo, 145-8501,Japan

http://www.alps.com/products/e/

Inquiries about this product

Product Information Center +81 (3) 5499-8154 Product Information URL

Unit: mm