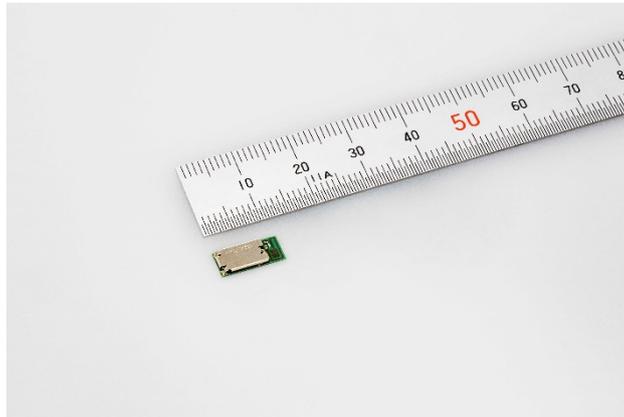


For immediate release

TAIYO YUDEN Miniaturizes *Bluetooth*[®] 5 Compatible Module with Embedded Software
Approximately 75% smaller in volume than before, realizing wireless communications with simple commands



TOKYO, June 23, 2020—TAIYO YUDEN CO., LTD. announced today the launch of a new *Bluetooth*[®]*1 5 compatible wireless communications module with its proprietary embedded software, EYSKJNAWB-WX (5.1x11.3x1.3 mm). This product is ideal for IoT-related devices, including sensor networks containing various sensors used in combination, healthcare equipment, and home automation equipment.

The product, which is approximately 75% smaller in volume than TAIYO YUDEN’s existing product, EYSKBNUWB-WX (10.0x15.4x2.0 mm), includes the company’s proprietary embedded software, allowing for the realization of wireless communications simply by inputting simple commands from the outside.

Commercial production of the product will commence in June 2020, with a sample price of 3,000 yen per unit*2.

Technology Background

Small IoT-related devices, which use coin-type batteries for operation, are required to be operable in sensor networks everywhere and to have an extremely low power consumption. Software for wireless communications must be created when developing such devices, which involves various problems, including a lengthy development period.

In response to this situation, TAIYO YUDEN commercialized EYSKJNAWB-WX, which consists of a *Bluetooth*[®] 5 compatible wireless communications module and its proprietary embedded software. *Bluetooth*[®] 5 is widely used as a low power consumption wireless communications standard. The product allows for the realization of wireless communications simply by inputting simple commands from the outside, thereby contributing to reducing the development period.

TAIYO YUDEN will continue to meet market needs and enhance its product lineup by developing products with a wide-temperature range.

*1. The *Bluetooth*[®] word mark and logos are owned by Bluetooth SIG, Inc., and the use of such marks by TAIYO YUDEN CO., LTD. is under license.

*2. The sample price mentioned in this release is TAIYO YUDEN’s direct sales price. When considering purchasing via a sales agency, please contact the agency for the sample price.

■Applications

Wireless communications modules for small IoT-related devices, including sensor networks in which various sensors are used in combination, healthcare equipment, and home automation equipment

■Characteristics

Part Number	Size (L×W×H) [mm]	Specifications	I/F	Certifications	Temperature Range
EYSKJNAWB-WX	5.1x11.3x1.3	V5.0 BLE Single Central/ Peripheral 2Mbps/ Long range	UART	Japan U.S.A. Canada CE *3	-40~ +85°C

*3. The ETSI EN 300 328 v2.2.2 test report can be provided.