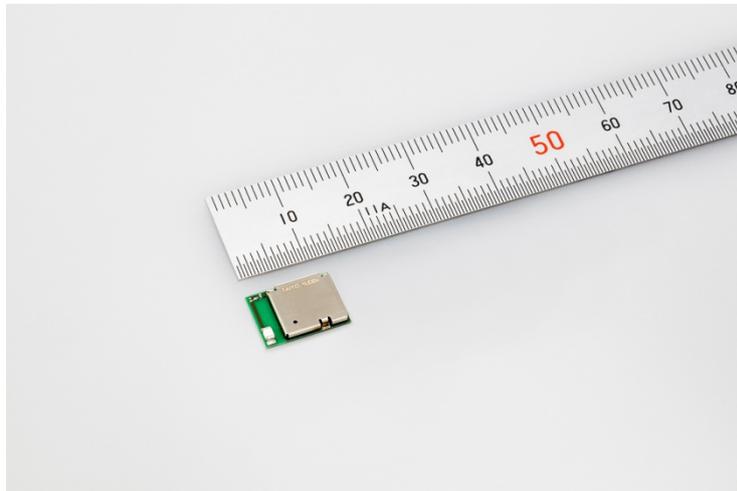


For Immediate Release

TAIYO YUDEN adds a *Bluetooth*® 5 module to its product lineup
Realizing the world's smallest volume for modules equipped with Nordic's latest chip



TOKYO, December 21, 2017—TAIYO YUDEN CO., LTD. has announced the launch of a *Bluetooth*®^{*1} 5 compatible wireless communication module, EYSLCNZWW (9.6×12.9×2.0 mm). This product is ideal for various devices, including PC peripherals, wearable devices, and healthcare equipment.

The EYSLCNZWW module that we have commercialized on this occasion realizes the world's smallest volume for modules equipped with the latest IC chip nRF52810 from Nordic Semiconductor (CEO Sverre-Tore Larsen; head office located in Oslo, Norway; hereinafter referred to as Nordic) on the basis of a combination of the technological capabilities we have nurtured in antenna development and other fields. (As of December 15, 2017, based on our own research.)

TAIYO YUDEN TECHNO SOLUTIONS CO., LTD. (Takasaki City, Gunma Prefecture, Japan) will commence mass production of this product in January 2018. A sample of each model will cost 3,000 yen^{*2}.

Technology Background

Most devices that require short-range wireless communication (e.g. PC peripherals, wearable devices, healthcare equipment) are compatible with the *Bluetooth*® wireless communication standard. Notably, *Bluetooth*® 5 has drawn public attention due to its communication speed, which is twice as fast as *Bluetooth*® V4.2.

TAIYO YUDEN has commercialized the EYSLCNZWW module, which has realized the world's smallest volume for modules equipped with the latest IC chip nRF52810 released from Nordic, as well as a 32.768-kHz crystal oscillator that is effective for reducing power consumption, and capacitors and inductors for the DC-DC convertor.

TAIYO YUDEN will continue to meet market needs and enhance its product lineup by increasing functionality and reliability.

*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 our direct sales price. When considering purchasing via a sales agency, please contact the agency for the sample price.

■ Applications

Wireless communication modules for PC peripherals, wearable devices, and healthcare equipment

■ The characteristics of the new *Bluetooth*® 5 module are as shown below.

Part number	Size (L×W×H)	Specification	I/F	RAM (kB)	Certification	Temperature
EYSLCNZWW	9.6×12.9×2.0 mm	V5.0 BLE Single Slave/ Master	UART SPI I ² C	24	Japan FCC IC CE※	-40~ +85°C

* The CE test report can be provided.