

## Product Brief

### Type 1DX Module

# Wireless connectivity module

## Shielded ultra-small WiFi

## 11b/g/n+Bluetooth 5.1 module

### Features

- 2.4GHz WiFi+Bluetooth module
- Network topology: AP and STA dual mode
- Chipset: Infineon (CYW4343W)
- Processor: No
- Modulation: DSSS / CCK / OFDM
- FCC/IC "reference" certified

### High performance capabilities for IoT

- For Industrial IoT, smart home, sensor network, gateway
- 802.11 b/g/n 65Mbps
- NXP i.MX Linux and FreeRTOS, Infineon Modus

### Description

Type 1DX is a small and high performance module based on Infineon CYW4343W combo chipset which supports WiFi 802.11b/g/n + Bluetooth 5.1 BR/EDR/LE up to 65Mbps PHY data rate on Wifi and 3Mbps PHY data rate on Bluetooth. The WLAN section supports SDIO v2.0 interface and the Bluetooth section supports high-speed 4-wire UART interface and PCM for audio data.

The CYW4343W implements highly sophisticated enhanced collaborative coexistence hardware mechanisms and algorithms, which ensure that WLAN and Bluetooth collaboration is optimized for maximum performance.

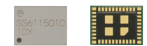
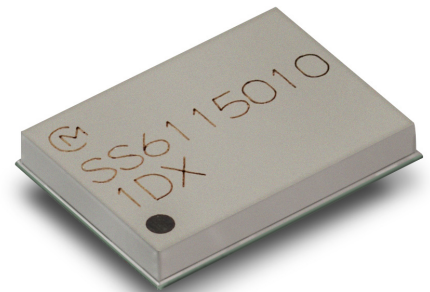
Type 1DX module is packaged in an impressively small shielded form factor that facilitates integration into size- and power-sensitive applications such as IoT applications, handheld wireless system, gateway and more. RF matching, antenna design and regulatory certification are already taken care of and tested.

For more details see: <https://wireless.murata.com/type-1dx.html>

Contents are subject to change without notice.



Part number: LBEE5KL1DX



Actual size  
(6.95 x 5.15 x 1.1 mm)

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