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INDUSTRIAL PRODUCT DATASHEET

Wio-WM1110 Wireless Module - Semtech LR1110 and Nordic nRF52840

The Wio-WM1110 is a fusion positioning module for developing low-power, long-range IoT applications.

SKU	UPDATED	PRICE
114992865	2026-11-11 08:57:26	$9.90(Excl. VAT)



Overview



The Wio-WM1110 is a fusion positioning module for developing low-power, long-range IoT applications. It's embedded with Semtech LR1110 and Nordic nRF52840, features Semtech's LoRa technology for long-range wireless communication, GNSS, Wi-Fi, and Bluetooth for location tracking services.

Key Features

01 **Go from Module Selection to a Working Project**

02 **See Modules, Resources, and Real Projects →**

03 **Low-Power High-Sensitivity LoRaWAN® Network**

Support the global LoRaWAN® frequency plan

04 **Multi-Purpose Radio Front-End Targeting Geolocation Purposes**

GNSS (GPS/ BeiDou)、Wi-Fi、Bluetooth, suitable for indoor and outdoor positioning

05 **Nordic nRF52840 Bluetooth 5.3 SoC**

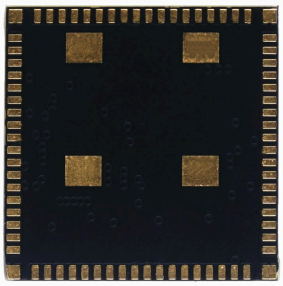
Support Bluetooth Low Energy, Bluetooth mesh, NFC, Thread and Zigbee

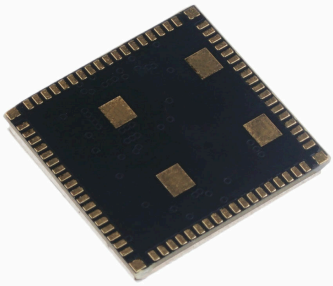
06 **Low-power consumption**

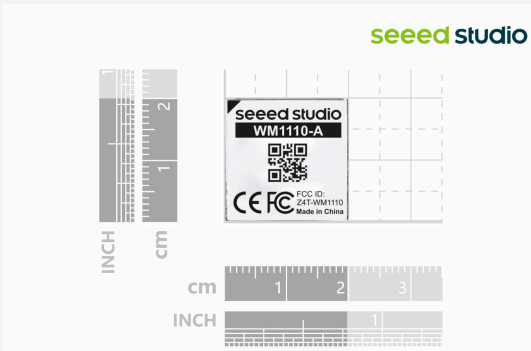
6 μA in sleep mode

07 **FCC, CE, Telec Certified**

Product Gallery

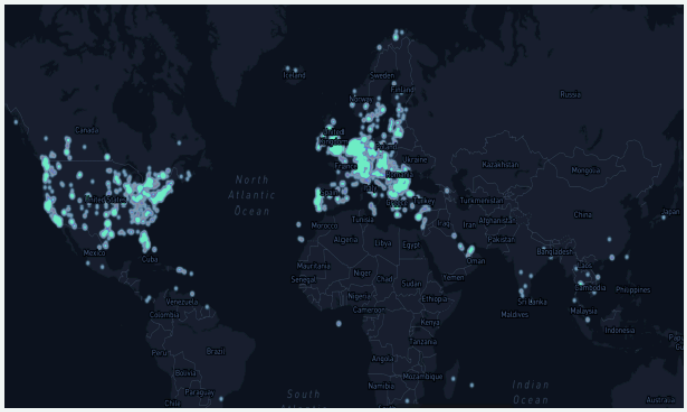






Hardware Overview





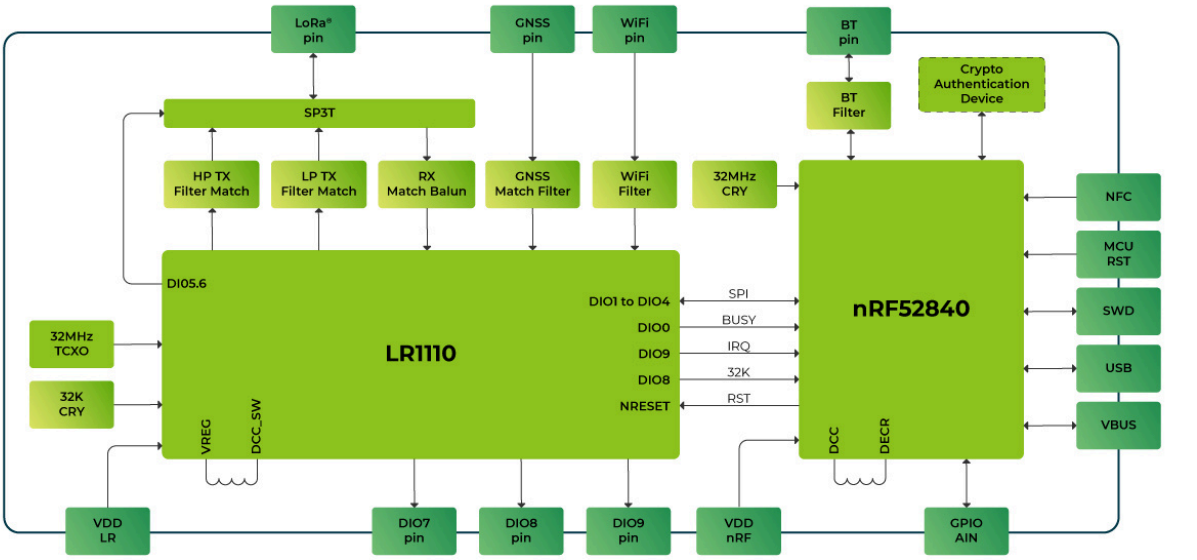


Figure 1 WM1110 Schematic diagram

Resource Links

- https://www.seeedstudio.com/Wio-WM1110-Module-LR1110-and-nRF52840-p-5676.html
- Wio-WM1110_Module_Datasheet_V1.3
- LR1110 Datasheet
- Nordic nRF52840 Datasheet
- WM1110 CE Certification
- WM1110 FCC Certification
- WM1110 TELEC Certification
- WM1110 RoHS Certification
- WM1110 REACH Certification
- Wio-WM1110-A Kicad Library
- Wio-WM1110-A Eagle Library
- Wio-WM1110-A 3D File

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com