

Smart HEALTH

Smart Contact Tracing Solutions Solutions

The principle behind social distancing is clear and simple: since the COVID-19 virus appears to spread primarily through person-to-person contact, keeping a safe distance from others (in addition to secondary measures like face masks) has been shown to have a profound impact on virus spread. And since the virus doesn't survive well on hard surfaces, eliminating this main vector of spread is enough to dramatically slow infections and results in better outcomes for public health. However, for the unfortunate instances where the virus has been exposed, it is important to be able

to trace the contact, which means attempting to reconstruct the contacts made by a person who has become infected. While effective, it's often very difficult to build a reliable timeline of who an infected person has been exposed to. People aren't necessarily able to recall everyone they've been around and may not be aware in the first place.

There is great potential for IoT to solve this challenge particularly by using wearable technology to encourage and alert users when they've approached too closely.

www.lairdconnect.com/resources/blog/social-distancing-thousands-how-our-bt710-makes-it-easy

With our design expertise and product knowledge, Electronic Precepts, a design services partner of Future Connectivity Solutions, has ready-for-market, tamper proof wearable solutions for contact tracing. Ask your FCS RSM for more information!

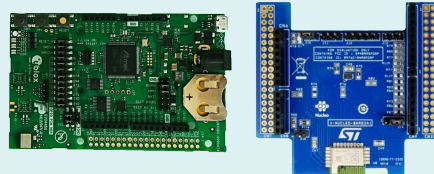


Featured Development Kits

1. **EVK-ANNA-B112:** ANNA-B112 Development Kit
2. **X-NUCLEO-BNRG2A1:** BlueNRG-2 Evaluation board
3. **NUCLEO-L476RG:** STM32 Nucleo-64 Development Board, to be used with x-nucleo-bnrg2a1

Featured Wireless Radios, Sensors, Antenna

1. **ANNA-B112:** U-blox Bluetooth Low Energy 5.0 Module
2. **BLUENRG-2:** STMicroelectronics Bluetooth Low Energy 5.0 System on chip
3. **BMA253:** Triaxial, accelerometer



Click on the Following Links for More Information:

1. [How to Get Started Guide for the EVK-ANNA-B112](#)
2. [Quick Start Guide for x-nucleo-bnrg2a1](#)
3. [User Manual for X-NUCLEO-BNRG2A1](#)
4. [ANNA-B112 Landing Page](#)
5. [BlueNRG-2 Landing Page and Demos](#)
6. [BMA253 Landing Page](#)