Micro-modules for Local Area Networks to Prevent Tracking



Overview

Many popular MCUs seamlessly integrate with different radio modules to support theft-prevention tracking, including the Infineon PSoC 6 series (Figure 1), STMicroelectronics STM32, Texas Instruments (TI) SimpleLink, NXP Kinetis, and the Nordic Semiconductor nRF52 lineup. This article. Microcontrollers and wireless modules combine to add connectivity and theft-prevention features to IoT devices for automotive, industrial, medical, and smart-home use. What is a Wearable BLE and LoRaWAN Location Tracker?

A wearable BLE and LoRaWAN location tracker, often called a. It also explores various wireless protocols used for anti-theft tracking, ranging from Global Positioning Systems (GPS) and Bluetooth Low Energy (BLE) to Low-Power Wide-Area Network (LPWAN) and Radio Frequency Identification (RFID). Additionally, the article discusses the broader spectrum of. The WLR089 Xplained Pro Evaluation Kit is a certified LoRa (R) evaluation board for developing with the WLR089U0 LoRa module and SAM R34 family of LoRa devices. The. In an SD-WAN deployment, your edge appliances are often placed in branch offices, industrial sites, or other remote locations where you may not have constant on-site oversight.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

Article Content

Theft-Prevention Tracking Enhancing IoT Devices

Seamlessly pairing with different radio modules, many popular MCUs support theft-prevention tracking, such as the Infineon PSoC 6 series (Figure 1),

How to integrate theft-prevention tracking capabilities in

Microcontrollers and wireless modules combine to add connectivity and theft-prevention features to IoT devices for automotive, industrial, medical,

Wearable BLE + LoRaWAN Trackers: The Ultimate

Discover how BLE and LoRaWAN trackers work together to deliver precise indoor positioning, instant alerts, and smarter personal safety.

Wireless modules enhance IoT devices through theft

Many popular MCUs seamlessly integrate with different radio modules to support theft-prevention tracking, including the Infineon PSoC 6

LoRa® Technology Products | Microchip Technology

Our LoRa technology products offer long-range wireless connectivity, low power for battery operation and low infrastructure cost for volume deployment.

A comprehensive survey on the security of low power wide area

This paper provides a comprehensive overview of the state of the art on the security of Low Power Wide Area Networks (LPWANs), with a focus on Sigfox, LoRaWAN, and Narrowband

Secure Devices with Geo-Tracking & Movement Detection

Learn how Versa VOS protects SD-WAN device theft, tampering, and unauthorized movement with geo-tracking, telemetry, and cryptographic

Wireless Protocols for IoT Asset Tracking

Any industry application that requires improved workflows, loss prevention, service quality, or productivity is a candidate for asset tracking

SOLUTION BRIEF Securing OT with Network Microsegmentation

CNs are high-performance, robust, and deterministic LANs. A PCN must maintain constant availability, rapid response, robust error checking, and correction to ensure zero downtime and enable the deter.

How to integrate theft-prevention tracking capabilities in

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

December 23, 2024 By Aharon Etengoff Leave a Comment Microcontrollers and wireless modules combine to add connectivity and theft-prevention features to

Wireless modules enhance IoT devices through theft

IoT devices in automotive, industrial, medical, and smart-home applications now incorporate microcontrollers and wireless modules for

AI Infrastructure, Secure Networking, and Software

Cisco is a worldwide technology leader powering an inclusive future for all. Learn more about our products, services, solutions, and innovations.

Sprout Social: Social Media Management Tool

Maximize your social ROI with Sprout Social, trusted by the world''s most talked about brands. Power everything from publishing and engagement to analytics

unsupervised_topic_modeling/topics/en/15/100/50/topics at master ...

Contribute to annontopicmodel/unsupervised_topic_modeling development by creating an account on GitHub.

The Financial Express | First Financial Daily of Bangladesh

Published by Syed Nasim Manzur for International Publications Limited from Tropicana Tower (4th floor), 45, Topkhana Road, GPO Box : 2526 Dhaka- 1000

A Privacy-Preserving Device Tracking System Using a Low-Power Wide-Area ...

The system consists of low-power nodes and a set of dedicated beacons. Each tracking node broadcasts pseudonyms and encrypted versions of observed beacon identifiers over a Low

How to Make Your Phone Impossible to Track

Discover comprehensive strategies on how to make your phone impossible to track. Stay one step ahead and protect your personal information

How Micro GPS Tracking Chips Work? – GPSTracker24/7

Micro GPS tracking chips use satellites to track locations in real time. Learn how they work, their benefits, challenges, and future advancements.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved

Contact Us

Continue your research online:

Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 KENHARDT OPTICAL NETWORKS - All rights reserved