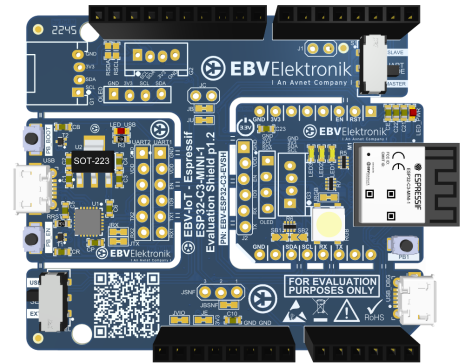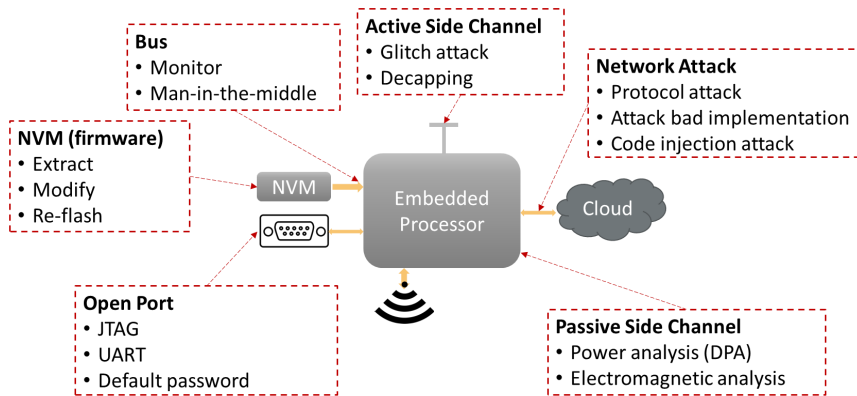# Espressif ESP32 C3/S3 Technical Workshop
Low Cost and Secured IoT Connectivity, 1 Day Free Seminar
EBV Elektronik Exclusive Solution

How to Design Modern IoT Edge Device to Mitigate Security Risk?
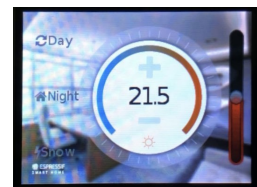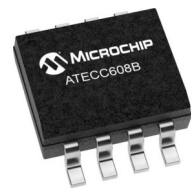
EBV-IoT ESP32-C3-Mini Solution

Content: EBV Elektronik developed a complete Software, Evaluation kit and Seminar based on Espressif **ESP32-C3** & **S3** Wi-Fi/BLE module with Microchip **ATECC608B** Secure Element, ST environmental sensors and Avnet **IoTConnect** cloud. Participants will benefit from our enablement software to design IoT device and cloud solutions with **state of the art security**, **shortest time to market** and **most optimized cost**.

Topics Covered:

- Latest Roadmap and New Product Introduction from our Suppliers.
- Understanding the Challenge of Designing Secured IoT Solution.
- ESP32C3 Application Development & JTAG Debugging.
- ATECC608B Secure Element Provisioning with Microchip Trust Platform.
- ESP32C3 Onboarding to Avnet IoTConnect Cloud using Custom PKI.
- ESP32C3 Implementing Secure Firmware Over-The-Air Update.
- ESP32C3 Secure Boot and Memory Encryption.
- ESP32S3 LVGL Advanced HMI Development with SquareLine Studio.
- Live Q&A with Espressif, LVGL and Microchip Technical Engineers.

Target Applications:
This package is perfect for companies creating cost sensitive applications who wish to address security challenges, protect their brand and prevent hackers benefiting from lack of software security usually embedded in IoT devices.

- Home appliances.
- Thermostat.
- Electric heating.

- Water heating.
- Camera.
- Door bell.

- Access control.
- Door locks.
- Rolling shutters.

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