OM3710/A71CHARD
A71CH Arduino compatible development kit

Overview

OM3710/A71CHARD is a complete development kit for the A71CH Plug & Trust secure element enabling easy and fast development of secure IoT applications. It contains an A71CH-MiniPCB board connected to an Arduino-R3 compliant board thru I^{2}C male/female 4 pin strip connectors. There is also the option to connect and test an A1006 secure authenticator device (contained in OM13589) to the same I^{2}C bus. The kit is ompliant to any NXP MCU/MPU development board with Arduino compatible header including many i.MX, Kinetis and LPC boards.

Features

- Easy evaluation of A71CH secure element assembled in a MiniPCB board equipped with both I2C and SPI connectors.

- Easy plug-and-play of A71CH MiniPCB on Arduino-R3 compliant adaptor, compliant to any NXP MCU/MPU development board with Arduino compatible header.

- Easy IoT application development using A71CH API and available MCUxpresso examples.

- Enablement is completed by available support to Open-SSL and several cloud services.