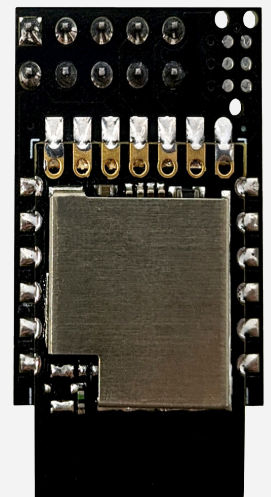# ZIGBEE RASPBERRY SHIELD

The interface to the world of Zigbee
Produkt Code: 701561

- 2.4GHz globally recognised frequency
- Zigbee compatible microcontroller EFR32MG1 inside
- Empfangsempfindlichkeit: -99dBm
- Rx sensitivity: -99dBm
- Tx power: 13dBm
- UART interface with standard NCP commands from Silicon Labs
- Multiple plugins for openHAB, Home Assistant, Node-RED and other DYI
  platforms C, Node.js and Python libraries to build your own application

As nowadays a lot of companies have their Smart Home solutions with Zigbee, we have decided to create the a Zigbee Rasperry Shield. Using POPP ZB-Shield (Zigbee) you can directly communicate with these devices, without their default gateway, so you can build your own tailored for your needs application.

POPP

www.popp.eu

SMART HOME BY

POPP

- Heating and Climate Control
- Security Systems
- Lighting Control
- Alarm Systems
- Remote Controls

- Control Center/ Gateway
- Sensors
- Device Control/ Plugs
- Window and Blind Control

POPP Smart Home products make your home intelligent. Monitor and control your house or apartment with your tablet, smartphone, PC or remote control. All you need is a Z-Wave or Zigbee compatible gateway or adapter (for example: POPP ZB-Stick and POPP ZB-Shield). Activate the heating while you are driving home, close windows automatically when the weather changes and be informed when sensors trigger an alarm.

POPP relies on Z-Wave and Zigbee wireless technology for its Smart Home products. Z-Wave and Zigbee are the leading international standards for wireless communication between intelligent devices in homes and offices, and thus the basis for efficient home automation.

POPP smart home products are compatible and interoperable with Z-Wave or Zigbee certified devices from global manufacturers.