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Z-Wave® Developer Kit

Development Kit for
Z-Wave End-Devices

Sigma Designs' Z-Wave Developer Kit is a development platform consisting of hardware and software tools required for Z-Wave product development.

The Developer Kit includes sample embedded and PC applications for quick application prototyping, Z-Wave protocol sniffer tools for analyzing and resolving issues and RF Z-Wave modules for building prototypes.

In addition to the content of the kits, all licensees of the Z-Wave development kit are entitled to free online support and invited to attend any of the many free Z-Wave technical training events held around the globe.

The SDK gives customers online access to download the Z-Wave software components and a base kit that provides all of the non-regional products. The region kit contains the items that have regional dependency and are useful for testing.

KEY BENEFITS
- Single kit providing all you need to develop Z-Wave products
- Access to Z-Wave training
- Access to Z-Wave support

TARGET APPLICATIONS
- Access to download center for complete Z-Wave protocol stack and API function descriptions
- Fully RF-qualified Z-Wave modules for building into prototypes
- Binary serial API files ready for production in two chip solutions
- Versatile development module for easy hardware prototyping
- Sample code libraries included for fast application prototyping
- PC interface software for easy communication between PC and Z-Wave modules
- Real-time Z-Wave Zniffer included for frame flow
- Developer-friendly technical instructions, user guides, application notes, etc.

KEY FEATURES
- Keil PK51 ver. 9.51a or higher
- Windows 7

POWERING THE NEW DIGITAL HOME:

SET-TOP BOXES | CONSUMER ELECTRONICS | AV NETWORKS | HOME CONTROL | COMMERCIAL SYSTEMS

SIGMA DESIGNS

Z-Wave® Developer Kit
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Z-WAVE BASE DEVELOPER'S KIT

The Z-Wave Base Developer's Kit consists of development platform boards, power supply units, cables, etc., that are used to program Z-Wave modules with a Z-Wave application.

The Z-Wave Base Developer's Kit includes:
- 4 x ZDP03A
  - Z-Wave development platform
- 4 x Flexi antenna
  - Antennas for ZDB5xxx/ZM3120
- 4 x USB cable
  - To connect to ZDP03A
- 1 x Battery pack
  - To make ZDP03A portable
- 4 x Power supply unit
  - For ZDP03A
- 1 x Getting Started with Z-Wave guide
  - Helps take the first steps into Z-Wave

Z-WAVE REGIONAL DEVELOPER'S KIT

The Z-Wave Regional Developer's Kit is available in three frequency variants and consists of Z-Wave ZDB5101, ZDB5202, ZDB5304, and ZM3120 reference design modules that are RF- matched for specific regions. The Z-Wave Regional Developer's Kit also contains samples for prototype development.

The Z-Wave Regional Developer's Kit includes:
For Development:
- 2 x ZDB5101
- 2 x ZDB5202
- 1 x ZDB5304
- 2 x ZM3120
  - (Legacy; not recommended for new designs)
- 1 x ZIPR-CE
  - Z/IP Gateway reference design
- 1 x UZB
  - USB stick static controller
- 1 x UZB-S
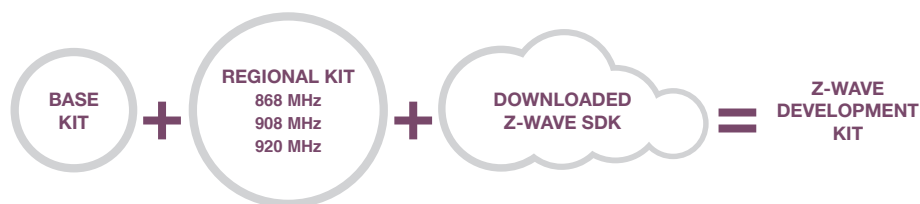 - USB stick network-sniffer

Samples
- 4 x ZM5101
- 4 x ZM5202
- 4 x ZM5304
- 2 x ZM3102
  - (Legacy; not recommended for new designs)

Z-WAVE SDK

The Z-Wave SDK is available through the download center; access to the download center is included with the Z-Wave Developer's Kit. From the download center, the developer can access all relevant technical documentation, developer's FAQ, known issues database, etc.

The Z-Wave SDK includes:
- Z-Wave protocol stack
- Embedded and PC-based sample applications
- Development tools:
  - Z-Wave Programmer
  - Z-Wave Zniffer
  - Build environments
  - All necessary tools to build your Z-Wave application.

BASE KIT **+** REGIONAL KIT 868 MHz 908 MHz 920 MHz **+** DOWNLOADED Z-WAVE SDK **=** Z-WAVE DEVELOPMENT KIT

ABOUT SIGMA DESIGNS

Sigma Designs is a leading provider of system-on-chip (SoC) solutions used to deliver entertainment and control throughout the home:

Media Processing, Smart TV, Video Encoding, Home AV Networking, Video Processing, Home Control

These SoCs are supported with board-level reference designs, sophisticated system software, and technical documentation to form a complete solution for a variety of set-top boxes, smart TVs, consumer electronics, AV network devices, and home control systems.