### REVISION RECORD

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<th>Doc. Rev</th>
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<td>JFR</td>
<td>All</td>
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<td>20150421</td>
<td>JFR</td>
<td>2</td>
<td>Minor typos</td>
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<td>3</td>
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<td>2.2.1</td>
<td>Change version from 2.84.02 to 2.87</td>
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<td>2.2.1</td>
<td>Updated list of supported OS</td>
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<td>2.3.1</td>
<td>Added S2 specific new feature description</td>
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1 INTRODUCTION

The Z-Wave Programmer software is necessary for programming the flash on the Z-Wave 200/300/400/500 Series Single Chips during SW and HW development and for small production series.
2 RELEASES

2.1 Z-Wave Programmer v2.99

The Z-Wave Programmer software is necessary for programming the flash on the Z-Wave 200/300/400/500 Series Single Chips during SW and HW development and for small production series. The Z-Wave Programmer supports also initialization of the external EEPROM including home ID on the Z-Wave modules. The Z-Wave Programmer can also configure transmission power, lock bits and RF settings on the Z-Wave modules.

Programmer supports Windows 7/8/10(32/64bit). These libraries implemented in C# using Microsoft Visual Studio 2008. The .NET Framework version 3.5 SP1 re-distributable packages (found on Microsoft Windows update site) must be installed to run applications using the .NET Framework. For detailed information, refer to [1].

WARNING: It is strongly recommended to always uninstall a previous release before installing the latest Programmer release.

WARNING: ZDP02A/3A Programmer is not a production-graded unit, which may result in unintentional violation of chip programming specifications etc. when used in a production environment. It is strongly recommended to use an industrial production chip programmer.

2.1.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to NVR. Storing S2 keypair in the External NVM disabled.

2.2 Z-Wave Programmer v2.97

2.2.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to External Non-Volatile Memory and NVR depending on connected interface:
  - SPI Interface connected – changes External NVM and NVR
  - USB/UART Interface connected – changes only NVR
- Remove Set S2 keypair from user interface. S2 keypair change is possible during programming device if ‘Add S2 keypair’ option set.

2.3 Z-Wave Programmer v2.95

2.3.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to External Non-Volatile Memory (only SPI interface supports this feature).
2.4  ZDP0xA Firmware v1.35

The Z-Wave Programmer software uses the ZDP03A Development Platform configured with ATmega128 firmware (both source code and hex files included).

2.4.1  New features

Can program new range of supported external NVMs [3].

2.5  Calibration SD3502 v1.12

The SD3502 calibration firmware used by the calibration box, refer to [2]. ZM and ZDB modules are already calibrated during production. Hex file is located in Programmer folder.

2.5.1  New features

None.
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