

# IEC60730BSERN

## IEC60730B Example release notes

Rev. 2 — 12/2021

Release Notes

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## 1 Introduction

These release notes describe important release information for the IEC60730B safety example application released with IEC60730B library v4.2.

All information about IEC60730B are at [www.nxp.com/iec60730](http://www.nxp.com/iec60730).

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## 2 What is new

The example released with the IEC60730B library version v4\_2 contains example projects for the following boards:

Table 1. Device with available example projects

Development board	Version of library	Example projects available in MCUXpresso SDK
evkmimxrt1170	4.2	SDK 2.11
evkmimxrt1160	4.2	SDK 2.11
frdmke17z	4.2	SDK 2.11
lpcpresso54s018m	4.2	SDK 2.11
evkmimxrt1060	4.1	SDK 2.10
evkbmimxrt1060	4.1	SDK 2.10
frdmk22f	4.1	SDK 2.10
lpcpresso51u68	4.1	SDK 2.10
lpcpresso845max	4.1	SDK 2.9
lpcpresso824max	4.1	SDK 2.9
frdmkv11z	4.1	SDK 2.9
frdmke15z	4.1	SDK 2.9
frdmk32l2a4s	4.1	SDK 2.9
evkmimx8mm	4.1	SDK 2.9
evkmimxrt1020	4.1	SDK 2.9
evkmimxrt1024	4.1	SDK 2.9
evkbimxrt1050	4.1	SDK 2.9
frdmkv31f	4.1	SDK 2.9

Table continues on the next page...



Table 1. Device with available example projects (continued)

Development board	Version of library	Example projects available in MCUXpresso SDK
lpcxpresso55s69	4.1	SDK 2.9
lpcxpresso55s28	4.1	SDK 2.9
evkmimx8mn	4.1	SDK 2.9
frdmkl26z	4.1	For example please contact an NXP representative
frdmke02z40m	4.1	For example please contact an NXP representative
twrke18f	4.1	For example please contact an NXP representative
twrkv58f220m	4.1	For example please contact an NXP representative
twrkv46f150m	4.1	For example please contact an NXP representative
frdmk32l2b3	4.1	For example please contact an NXP representative

### 3 Development tools

The safety IEC60730B example application were tested with the following development tools:

- IAR Embedded Workbench IDE version 9.10.2
- Arm®-MDK - Keil® µVision® version 5.34
- MCUXpresso IDE version 11.5.0

FreeMASTER tool version 3.0 was used for application monitoring.

### 4 Known issues or important changes

This chapter contains the description of known issues or non-standard behavior of the released example.

#### LPCXpresso54S018M

The LPCXpresso54S018M application examples are not provided for the Keil and MCUXpresso IDEs.

#### MIMX8M Mini and Nano

The MIMX8M Mini and Nano application examples are not provided for the Keil and MCUXpresso IDEs.

#### LPCXpresso80x - MCUXpresso IDE

The FreeMASTER monitoring is turned off due to small memory size of the MCU.

#### FRDM-KL26 uVision Keil support

The current version of the SDK does not support KL26 with the ArmV6 compiler.

**FRDM-KW36/38 uVision Keil support**

Example for KW36/38 in uVision Keil not supported.

**FRDM-KE02z uVision support**

The MKE02Z application example is not provided for the Keil IDE.

**TWR-KV58F220M - uVision support**

In the uVision Keil, turn off the flash test due to a problem with the download of the edited binary file by the debugger.

## 5 Revision history

Table 2. Revision table

Revision	SDK	Description
Rev 0	2.9.0	Initial release
Rev 1	2.10.0	Change devices supported in SDK rel. 2.10.
Rev 2	2.11.0	Change devices supported in SDK rel. 2.11.

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