

IEC60730BSERN

IEC60730B Example release notes

Rev. 3 — 21 December 2022

Release notes

1 Introduction

These release notes describe important release information for the IEC60730B safety example application released with IEC60730B library v4.3.

All information about IEC60730B are available at www.nxp.com/iec60730.

2 What is new

The example released with the IEC60730B library version v4_3 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
EVKB-IMXRT1050	4.3	SDK 2.13
MIMXRT1060-EVKB	4.3	SDK 2.13
MIMXRT1024-EVK	4.3	SDK 2.13
EVK-MIMXRT1060	4.3	SDK 2.13
MIMXRT1160-EVK	4.3	SDK 2.13
MIMXRT1170-EVK	4.3	SDK 2.13
FRDM-K22F	4.3	SDK 2.13
FRDM-K32L3A6	4.3	SDK 2.13
FRDM-K32L2A4S	4.3	SDK 2.13
FRDM-K32L2B3	4.3	SDK 2.13
FRDM-KE02Z40M	4.3	SDK 2.13
FRDM-KE15Z	4.3	SDK 2.13
FRDM-KE17Z	4.3	SDK 2.13
FRDM-KV11Z	4.3	SDK 2.13
FRDM-KV31F	4.3	SDK 2.13
LPCxpresso51u68	4.3	SDK 2.13
LPCxpresso54s018m	4.3	SDK 2.13
LPCxpresso55s28	4.3	SDK 2.13
LPCxpresso55S69	4.3	SDK 2.13
LPCxpresso802	4.3	SDK 2.13
LPCxpresso804	4.3	SDK 2.13



Table 1. Device with available example projects...continued

Development board	Version of library	Example projects available in MCUXpresso SDK
LPCxpresso824MAX	4.3	SDK 2.13
LPCxpresso845MAX	4.3	SDK 2.13
evkmimx8mn	4.1	SDK 2.9
FRDM-KL26Z	4.3	For example please contact an NXP representative
EVK-MIMXRT1010	4.3	For example please contact an NXP representative
EVK-MIMXRT1020	4.3	For example please contact an NXP representative
EVK-MIMXRT1040	4.3	For example please contact an NXP representative
TWR-KE18F	4.3	For example please contact an NXP representative
TWR-KV58F220M	4.3	For example please contact an NXP representative
TWR-KV46F150M	4.3	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 9.30.1
- Arm® -MDK - Keil® µVision® version 5.37
- MCUXpresso IDE version 11.7.0

[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.

4.1 MIMX8M Mini and Nano

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

4.2 LPCxpresso80x - MCUXpresso IDE

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

4.3 FRDM-KL26 uVision Keil support

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

4.4 FRDM-KE02z uVision support

The MKE02Z application example not contains FreeMASTER monitoring .

4.5 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	Intial 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.
Rev 3	2.13.0	Change devices supported in SDK rel. 2.13

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