

NXP LPC804 Example Code Bundle Release Notes

Example Code Bundle LPC804 version release history
and known issues

[Example Code Bundle LPC804 Release Notes](#)

The version history and known issue lists on this page are for v1.xx releases of Example Code Bundle only.



Example Code Bundle v1.6 release (Released: 08/02/2018): NXP LPC804

Features Added

- Created Level Shifter project for IAR/Keil/MCUX
- Created IAP project for IAR/Keil/MCUX
- Created USART wakeup project (master and slave projects) for IAR/Keil/MCUX
- Created SPI Wakeup project (master and slave projects) for IAR/Keil/MCUX

Changes and Fixes

- Updated Flash type to use up to 32K in FlashPrg.h header file in utilities_lib.
- Updated PLU examples to set PLU output pins to inactive in IOCON to avoid I/O contention which draw current from the pin.
- Fixed issues with README document.
- Updated GPIO_PatternMatch example to use a Boolean expression with 2 minterms. Updated ISR source code to handle three conditions.
- Enabled watchdog interrupt wakeup in WWDT source code and updated the TC, window and Warning Interval to match values in README.

Known issues

- GPIO_PatternMatch project in IAR gives HardFault exception. Code works fine on other IDEs.

Example Code Bundle v1.5 release (Released: 05/29/2018): NXP LPC804

Features Added

- None

Changes and Fixes

- Since MCUXpresso IDE version 10.1 did not report the LPC804 memory size correctly, the MCUXpresso Code Bundle was updated to work with MCUXpresso IDE version 10.2 or later
- No changes made to the Keil and IAR package. Only updated version number to align with MCUXpresso Code Bundle version number

Known issues

- MCUXpresso Example Code Bundle version 1.5 works only with MCUXpresso IDE version 10.2 or later. It will not work with MCUXpresso IDE version 10.1

Example Code Bundle v1.4 release (Released: 02/15/2018): NXP LPC804

Features Added

- Created the CapTouch_5ch project for IAR/Keil/MCUX/Freemaster
- Created the CapTouch_5ch_acmp project for IAR/Keil/MCUX/Freemaster
- Created documents for CapTouch_5ch/CapTouch_5ch_acmp projects.
- Created the Freemaster project for CapTouch_5ch/CapTouch_5ch_acmp projects

Changes and Fixes

- Updated the LPC8xx.h header file by adding the support of CapTouch module.
- Updated the syscon.h source file by adding the support of CapTouch module.
- Added capt.h source file (original from LPC84x CodeBundle package).

Known issues

- Target device selected in the projects for Keil, IAR, and MCUXpresso is LPC802 for IDEs since support for target device LPC804 is not provided yet. This should cause no issues to run the provided examples. This code bundle will be updated as soon as IDEs provide LPC804 support.

Example Code Bundle v1.3 release (Released: 02/01/2018): NXP LPC804

Features Added

- None

Changes and Fixes

- Fixed ROM DIV example in MCUXpresso
- Updated flash iap commands in flashprg.c.
- Updated rom_api.h file to update FRO API structure definition
- Updated SPI Flash Example to write and read data.
- Created Keil and IAR packages

Known issues

- Target device selected in the projects for Keil, IAR, and MCUXpresso is LPC802 for IDEs since support for target device LPC804 is not provided yet. This should cause no issues to run the provided examples. This code bundle will be updated as soon as IDEs provide LPC804 support.

Example Code Bundle v1.2 release (Released: 12/19/2017): NXP LPC804

Features Added

- None

Changes and Fixes

- Corrected system.c to put the GPIO pin into inactive mode when using external clock in

Known issues

- None

Example Code Bundle v1.1 release (Released: 12/14/2017): NXP LPC804

Features Added

- None

Changes and Fixes

- None

Known issues

- None

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