

NXP LPCOpen LPC5410X Release Notes

LPCOpen LPC5410x version release history and known issues

[LPCOpen LPC5410x Release Notes](#)

The version history and known issue lists on this page are for v3.xx releases of LPCOpen only.

Some issues are known at the time of the versioned package release. Issues found after the release can be found on the LPCOpen bug tracker pages



LPCOpen v3.04.000 release (Released: 11/16/2017): NXP LPC5410x

Features Added

- None

Changes and Fixes

- Updated power library:
 - 1) Allows the option for user to turn on the RTC and to turn on the WDT OSC in deep-sleep mode.
 - 2) Delay was added to ensure reading of user flash after wake-up from low power modes

Known issues

- None

LPCOpen v3.03.000 release (Released: 10/24/2016): NXP LPC5410x

Features Added

- None

Changes and Fixes

- Updated pll_5410x.c file to allow correct PLL programming
- In function "Chip_UART_ReadBlocking (uart_5410x.c), changed judgement to while (numBytes > 0)
- Updated rtc_ut.c and rtc_ut.h file to show correct RTC tick value
- Updated ADC_THCMP_IRQ Handler and ADC_SEQA_IRQHandler to allow ADC IRQ to work.

Known issues

- None

LPCOpen v3.02.000 release (Released: 09/12/2016): NXP LPC5410x

Features Added

- None

Changes and Fixes

- Applied corrections from Niobe2 to RTC UT and PININT driver
- Corrected legacy PLL set function `Chip_Clock_SetupSystemPLL()` and `Chip_Clock_GetSystemPLLOutClockRate()`
- Optimized power library
 - New voltage/frequency table updates
 - Set voltage support for 100MHZ
- Renamed project and board directories
- Added IAR, Keil and LPCXpresso SPI DMA example
- Removed obsolete package file
- Updated lpcxpresso startup files (comment changes only)
- Update pdmlib. Version number updated 2.0. Add envelop detection. Add new functions to support programmable pdm clock/data pin and decimation factor

Known issues

- None



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