NXP LPCOpen LPC15xx Release Notes

LPCOpen LPC15xx version release history and known issues

LPCOpen LPC15xx Release Notes

The version history and known issue lists on this page are for v2.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 v2.20 release (Released: 01/04/2016)

LPC15XX updates

The v2.20 release adds support for latest Keil, IAR and LPCXpresso tools.

Changes

- Added CAN and CAN-Open (ROM) Examples
- Keil projects updated to v5.x format
- IAR projects updated to v7.5.x format
- FreeRTOS project for Keil will allocate stack/heap during run time
- Project directory cleanup

Known issues (Carried Forward)

- LPCOpen PMU Driver will not differentiate Deep Sleep mode from Powerdown mode
- CLKOUT example might not output any clock when it is sourced by Watchdog or RTC oscillator

LPCOpen v2.08c release (Released: 06/11/2014)

LPC15XX updates

The v2.08c release adds support for the LPCXpresso LPC15XX devices and the LPCXpresso LPC1549 board.

Changes

- Fixed IRQ names to be consistent with names generated by LPCXpresso Wizard
- Keil startup file for freeRTOS fixed
- FreeRTOS version v8.0.1 updates

Known issues (Carried Forward)

- LPCOpen PMU Driver will not differentiate Deep Sleep mode from Powerdown mode
- CLKOUT example might not output any clock when it is sourced by Watchdog or RTC oscillator
- DMA memory transfers are slower than memcpy()
- IAR tools are able to build and flash the LPCOpen LPC15xx examples, but the IAR debugger is not yet working

LPCOpen v2.08b release (Released: 04/10/2014)

LPC15XX updates

The v2.08b release adds support for the LPCXpresso LPC15XX devices and the LPCXpresso LPC1549 board.

Changes

- SCT PWM(Standard) driver and Example added

Known issues (Carried Forward)

- LPCOpen PMU Driver will not differentiate Deep Sleep mode from Powerdown mode
- CLKOUT example might not output any clock when it is sourced by Watchdog or RTC oscillator
- DMA memory transfers are slower than memcpy()
- IAR tools are able to build and flash the LPCOpen LPC15xx examples, but the IAR debugger is not yet working

LPCOpen v2.08a release (Released: 02/26/2014)

LPC15XX updates

The v2.08a release adds support for the LPCXpresso LPC15XX devices and the LPCXpresso LPC1549 board.

Changes

- I2C ROM API master example will read/write to the I2C devices in Motor controller base board
- I2C ROM API slave example (interrupt) will be able to write/read the LED status
- I2C ROM API slave example (polling) removed (Not supported)

Known issues (Carried Forward)

- LPCOpen PMU Driver will not differentiate Deep Sleep mode from Powerdown mode
- CLKOUT example might not output any clock when it is sourced by Watchdog or RTC oscillator
- DMA memory transfers are slower than memcpy()
- IAR tools are able to build and flash the LPCOpen LPC15xx examples, but the IAR debugger is not yet working

LPCOpen v2.08 initial release (Released: 02/24/2014)

LPC15XX release only

The v2.08 release adds support for the LPCXpresso LPC15XX devices and the LPCXpresso LPC1549 board.

Changes

- None - initial release.

Known issues (Carried Forward)

- LPCOpen PMU Driver will not differentiate Deep Sleep mode from Powerdown mode
- CLKOUT example might not output any clock when it is sourced by Watchdog or RTC oscillator
- DMA memory transfers are slower than memcpy()
- IAR tools are able to build and flash the LPCOpen LPC15xx examples, but the IAR debugger is not yet working

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