ARM® Cortex®-M23

32-bit Microcontroller

NuMicro® Family
NUC1262 Series BSP
Revision History

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Revision 3.00.004 (Released 2026-06-23)

1. Set version of cmake tool as 3.31.5 to fix long path name issue.
2. Added a check for the STOP bit when I2C transmission is complete.
3. Sent NAK instead of 0 to fix host not going to sleep issue in USBD_HID_Mouse2 Sample code.
4. Added LLSI lighting GEN2 LED library and sample code.
5. Added a macro to wait for the I2C bus status to be cleared.
6. Added the macro to the sample code to avoid re-entering the interrupt before the register write is complete, which could lead to an incorrect I2C_STATUS0 value of 0xf8.
7. Fixed the slave addressing header for I2C_Master in 10-bit mode.
8. Updated CMSIS from v4.5.0 to v5.9.0.
9. Fixed infinite loop.
10. Added FMC_SPROM sample code.
11. Added slew rate control for SPI sample codes.
12. Removed USBD LPM function.
13. Fixed LLSI_Open uses PCLK as clock source in LLSI driver
14. Corrected the values of I2C_TMCTL_HTCTL_Pos/I2C_TMCTL_HTCTL_Msk to align with TRM specifications.
15. Added 'volatile' before the function pointers in the I2C sample code to prevent execution failures due to compiler optimization.
16. Fixed I2C_Master function 10-bit input argument type.
17. Added SYS_PowerDown_MinCurrent sample code.
18. Modified UART_Read to return received data count when time-out.
19. Updated USBD HID keyboard sample code to support LED status.

Revision 3.00.003 (Released 2023-09-11)

1. Modified I2C_Master sample code to support 10bit mode by compiler option.
2. Changed the verification conditions for read and write operations in I2C_Master to check each address group.
3. Modified VendorName of Nu_DFU.inf.
4. Added SYS_PowerDown_MinCurrent sample code.
5. Updated SPI_Loopback sample code.
6. Updated Windows driver of USBD_Printer_And_HID_Transfer sample code.
7. Fixed FMC_IAP sample code issue.
8. Modified SYS_UnLockReg() time-out handler.
9. Fixed TX hardware FIFO size to 16 and call UART FIFO size from uart.h in USBD VCOM sample code.
10. Fixed return in main() cause hardfault issue.
11. Added timeout handler for infinite loop.
12. Fixed USBD_MassStorage_CDROM crash on Linux.
13. I2C pins enable schmitt trigger and add I2C hangup/recover flow.
14. Updated auto trim to use HW boundary function.
15. Added Voltage Detector (VDET) definitions in SYS driver for NuCodeGen.
16. Added new api used for select timer capture source in Library/StdDriver/inc/timer.h.
17. Added LVR and BOD de-glitch time selection definitions in Library/StdDriver/inc/sys.h.

Revision 3.00.002 (Released 2021-07-05)

1. Updated PDMA configuration sequence in LLSI_PDMA_Marquee sample code.

2. Fixed build error by ldrom/aprom build order in FMC_IAP sample code.
3. Added LVR and BOD de-glitch time selection definitions in sys.h file.
4. Added new api used for select timer capture source in timer.c file.
5. Added Voltage Detector(VDET) definitions in SYS driver for NuCodeGen tool.
6. Updated auto trim to use HW boundary function in USB sample code.
7. I2C pins enabled schmitt trigger and added I2C hangup/recover flow in I2C sample code.

Revision 3.00.001 (Released 2021-03-18)

1. Initial Release

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