ARM® Cortex®-M23

32-bit Microcontroller

# NuMicro® Family
# M261 Series BSP
# Revision History



For additional information or questions, please contact: Nuvoton Technology Corporation.

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## Revision 3.00.005 (Released 2023-08-29)

1. Fixed SecureBootDemo sample code wait AES time-out handler.
2. Fixed SYS_PowerDown_MinCurrent sample code comment spelling error.
3. Added USCI_UART_TxRxFunction debug port description.
4. Modified I2C_Master sample code to support 10bit mode by compiler option.
5. Changed the verification conditions for read and write operations in I2C_Master to check each address group.
6. Fixed comments and remove useless code.
7. Modified VendorName of N_DFU.inf.
8. Added FreeRTOS TicklessIdle sample code.
9. Added SYS_PowerDown_MinCurrent sample code.
10. Updated SPI_Loopback sample code.
11. Modified SYS_UnLockReg() time-out handler.
12. Updated USBD_HID_Touch project file.
13. Called UART FIFO size from uart.h in USBD VCOM sample code.
14. Removed printf for PowerDown in USBD sample code.

## Revision 3.00.004 (Released 2022-08-24)

1. Fixed return in main() cause hardfault issue.
2. Updated ThirdParty/FreeRTOS to v10.4.6.
3. Added timeout handler for infinite loop.
4. Fixed USBD_Mass_Storage_CDROM crash on Linux.
5. Added I2C hang up and recover mechanism for I2C Master and Slave sample code.
6. Fixed UART TX FIFO control issue in USBD_VCOM sample code.

## Revision 3.00.003 (Released 2021-01-18)

1. Fixed USPI_SET_SS_HIGH macro.
2. Extend the firmware size limitation for calculating SHA value from SD card of SecureOTADemo sample code.
3. Added Apache-2.0 license declaration in driver source.
4. Added FreeRTOS IAR sample code.
5. Modified to pass USB-IF CV-Chapter 9 & Class test of all USBD Sample code.
6. Added xxx_TRIGGER_TX_RX_PDMA and xxx_DISABLE_TX_RX_PDMA API for QSPI/SPI/USPI driver.
7. Fixed page program function issue of SPI Flash related sample code.
8. Fixed data access fail issue of USBD_Mass_Storage_CDROM sample code.
9. Added Android App source code and printed WIFI connection information in SecureOTADemo sample code.

## Revision 3.00.002 (Released 2019-11-07)

1. Added ISP Sample codes to bsp\SampleCode\ISP folder.
2. Added Mass Storage sample code to support SDCard.
3. Added UART_TxRxFunction sample code:
   1. Used Rx empty flag to receive data for Rx trigger level.
   2. Added RLS and Buffer error handle.
4. Fixed USBD toggle, I2S set FIFO and USBH library error.
5. Added ENABLE_XOM0_REGION definition to enable XOM in NuBL2 and updated FwSign.exe.
6. Released new OTA_Update_App.apk to allow updating only one firmware.
7. Added PCLKDIV constant definitions in CLK driver.

8. Added emWin to support M261 NuMaker-M263KI V1.1.
9. Fixed IAR project for FMC_ExeInSRAM, FMC_MultiWordProgram, FMC_IAP, FMC_DualBankFwUpdate, FMC_ExeInSRAM, FMC_MultiWordProgram and XOM.
10. Added secureOTADemo sample code.

## **Revision 3.00.001** (Released 2019-04-19)

1. Initial Release.

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