

**ARM® Cortex®-M0**  
**32-bit Microcontroller**

**NuMicro® Family**  
**NUC126 Series BSP**  
**Revision History**

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**Revision 3.00.007** (Released 2023-09-11)

1. Modified ADC\_PWMTrigger sample code print message for IAR Tiny printf formatter.
2. Modified USCI\_UART\_TxRx Function and FMC\_IAP sample code.
3. Revised startup\_NUC126.S and retarget.c to fix Hard\_Fault can't run code.
4. Modified VendorName of Nu\_DFU.inf.
5. Added SYS\_PowerDown\_MinCurrent sample code.
6. Updated SPI\_Loopback sample code.
7. Updated Windows driver of USB\_D\_Printer\_And\_HID\_Transfer sample code.
8. Modified SYS\_UnLockReg() time-out handler.
9. Fixed TX hardware FIFO size to 16 and call UART FIFO size from uart.h in USB\_D\_VCOM sample code.
10. Removed printf for PowerDown in USB\_D sample code.

**Revision 3.00.006** (Released 2022-08-17)

1. Revised printing error message for I2C sample code.
2. Fixed return in main() cause hardfault issue.
3. Revised infinite loop timeout handler.
4. Fixed USB\_D\_MassStorage\_CDROM crash on Linux.
5. Added I2C hang up and recover mechanism for I2C Master and Slave sample code.
6. Opened CESTOPEN in trim function of USB\_D sample code.
7. Updated auto trim to use SW boundary function of USB\_D sample code.
8. Enabled schmitt trigger of I2C sample code.
9. Fixed UART TX FIFO control issue in USB\_D\_VCOM sample code.

**Revision 3.00.005** (Released 2021-01-21)

1. Fixed USCI\_SPI driver issue in Library/StdDriver/src/usci\_spi.c
2. Modified to pass USB-IF CV-Chapter 9 & Class test of all USB\_D Sample code.
3. Fixed USPI\_SET\_SS\_HIGH macro in Library/StdDriver/inc/usci\_spi.h
4. Corrected adc definitions for conversion sampling time selection in Library/StdDriver/inc/adc.h
5. Added Apache-2.0 license declaration in driver source.
6. Added README.md file.
7. Added SPI\_TRIGGER\_TX\_RX\_PDMA and SPI\_DISABLE\_TX\_RX\_PDMA API.

**Revision 3.00.004** (Released 2019-10-25)

1. To support GNU GCC.
2. Add emWin supporting.
3. Improve USB driver reliability.
4. Add ISP firmware sample code.

**Revision 3.00.003** (Released 2018-01-26)

1. Added CLK\_SysTickLongDelay() function for long delay.
2. Improved baud rate calculation accuracy of UART driver.
3. Improved robust of USB sample code.

**Revision 3.00.002** (Released 2017-05-05)

1. Update multi-function pin name definitions.
2. Add single byte and multi byte write/read APIs for I2C.

**Revision 3.00.001** (Released 2016-10-17)

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1. Initial Release

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