

ARM® Cortex®-M0
32-bit Microcontroller

NuMicro® Family
NUC029xGE Series BSP
Revision History

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Revision 3.00.005 (Released 2024-07-30)

1. Corrected UI2C EEPROM/ SingleByte/ MultiBytes sample code not displaying execution results.
2. Fixed the issue causing execution failure in the USCI-I2C sample code by correcting the erroneous status return.
3. Added FMC_SPROM sample code.
4. Added slew rate control for SPI sample codes.
5. Removed USB_D LPM function.
6. Used "volatile" with the function pointer to disable compiler optimizations in I2C sample code.
7. Modified RegBased/FMC_IAP sample code.
8. Modified USCI_UART_TxRxFunction sample code.
9. Updated USB_D HID keyboard sample code to support LED status.
10. Added driver and sample code related to USCI_SPI PDMA function.
11. Added SYS_PowerDown_MinCurrent sample code.
12. Updated SPI_Loopback sample code.
13. Modified SYS_UnLockReg() time-out handler.
14. Called UART FIFO size from uart.h in USB_D VCOM sample code.
15. Added GPIO MFP macros.

Revision 3.00.004 (Released 2022-08-17)

1. Fixed return in main() cause hardfault issue.
2. Fixed myretarget.c for IAR 8.42.1 and later.
3. Added Blinky sample code for NuMaker board.
4. Added macros for multi-function pin in Library/StdDriver/inc/sys.h.
5. Added timeout handler for infinite loop.
6. Fixed USB_D_MassStorage_CDROM crash on Linux.
7. Added I2C hang up and recover mechanism for I2C Master and Slave sample code.
8. Modified GPIO number and MFP in Library/Device/Nuvoton/NUC029xGE/Include/NUC029xGE.h.
9. Enabled schmitt trigger of I2C sample code.
10. Fixed UART TX FIFO control issue in USB_D_VCOM sample code.

Revision 3.00.003 (Released 2021-01-20)

1. Modified to pass USB-IF CV-Chapter 9 & Class test of all USB_D Sample code.
2. Fixed Semihost sample code.
3. Added SPI_TRIGGER_TX_RX_PDMA and SPI_DISABLE_TX_RX_PDMA API.
4. Added Apache-2.0 license declaration in driver source.
5. Added README.md file.

Revision 3.00.002 (Released 2019-11-12)

1. Added ISP Sample codes to bsp\SampleCode\ISP folder.
2. Supports GNU GCC.
3. Added FMC_IDLE_MODULE definition in CLK driver.

Revision 3.00.001 (Released 2018-09-21)

1. Initial Release

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