ARM® Cortex®-M

32-bit Microcontroller

NuMicro® Family
NANO100AN Series CMSIS BSP
Revision History

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

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Revision 3.02.001 (Released 2019-11-7)

1. Added ISP related samples.
2. Added sample USBD_MassStorage_SDCard.
3. Minor bug fix.

Revision 3.02.000 (Released 2018-09-17)

1. Added Eclipse project support.
2. Minor bug fix.

Revision 3.01.002 (Released 2017-03-10)

3. Fixed smartcard driver and library behaviors that do not comply with EMV2000 spec.
4. Fixed CCID sample bug that incorrect error code is returned.
5. Updated SC_ReadSimPhoneBook sample code to support SIM card with CHV1 disabled.

Revision 3.01.001 (Released 2016-07-28)

1. Updated CMSIS to v4.5.0.
2. Added sample code USBD_HID_Transfer_CTRL.
3. Fixed the HIDTransferTest.exe bug to use correct sector size to compare data.
4. Updated HIDTransferTest.exe to support the connection of the composite device with HID interface number other than 0.
5. Fixed the USBD_VCOM_SerialEmulator and USBD_VCOM_And_HID_Keyboard samples bug to ensure SET_LINE_CODE command is properly handled.
6. Minor bug fixes.

Revision 3.01.000 (Released 2015-07-03)

1. Removed FMC driver's FMC_SetBootSource(),FMC_DisableAPUpdate(),FMC_DisableConfigUpdate(),FMC_DisableLDUpdate(),FMC_EnableAPUpdate(),FMC_EnableConfigUpdate(),FMC_EnableLDUpdate() in fmc.h, because there exist functionally identical macros.
2. Removed DAC driver dac.c and dac.h. Removed samples DAC_PDMATrigger, DAC_SoftwareTrigger, and DAC_TimerTrigger. Removed register and interrupt definitions in Nano100Series.h.
3. Renamed sample GPIO as GPIO_IOTest.
4. Renamed sample PDMA as PDMA_Memory.
5. Renamed sample SYS as SYS_Control.
6. Fixed IAR project device type selection mistakes of all samples.
7. Fixed SC_SET_STOP_BIT_LEN implementation error in sc.h.
8. Fixed the bug that timer_delay() set prescale in wrong register in timer.c.
9. Fixed clock driver hard fault problem by dividing HCLK prior to apply new HCLK clock source in clk.c.
10. Fixed CLK_PLLCTL_FB_DV_Msk implementation error in Nano100Series.h.
11. Fixed FMC_APROM_END definition in fmc.h.
12. Fixed USB device compliant issues, including samples USBD_HID_Mouse, USBD_HID_Transfer, USBD_Mass_Storage_Flash, and USBD_VCOM_SerialEmulator. USBD driver and header files are also updated.
13. Fixed UART baudrate setting errors in samples USBD_VCOM_And_HID_Keyboard and USBD_VCOM_SerialEmulator.
14. Modified Timer_Open() to not start timer in it, in timer.c.
15. Moved SYS_Unlockreg() from sys.c to sys.h.

16. Update GPIO driver, insert delay to wait I/O stable in gpio.c.
17. Update sample GPIO_PowerDown, unlock control registers when enter power mode.
18. Added sample SYS_TrimIRC.
19. Added sample USBD_HID_Keyboard.
20. Added sample USBD_HID_MouseKeyboard.
21. Added sample USBD_HID_Touch.
22. Added sample USBD_HID_Transfer_And_Keyboard.
23. Added sample USBD_HID_Transfer_And_MSC.
24. Added sample USBD_Mass_Storage_CDROM.
25. Added sample USBD_VCOM_And_HID_Keyboard.
26. Added sample PWRDWN_DEMO.

Revision 3.00.000 (Released 2014-10-31)

1. Primary release version.

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