

ARM[®] Cortex[®]-M
32-bit Microcontroller

NuMicro[®] Family
NANO100AN Series CMSIS BSP
Revision History

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Revision 3.01.001 (Released 2016-07-28)

1. Updated CMSIS to v4.5.0.
2. Added sample code USB_D_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 USB_D_VCOM_SerialEmulator and USB_D_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_PDMA_Triggers, 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 USB_D_HID_Mouse, USB_D_HID_Transfer, USB_D_Mass_Storage_Flash, and USB_D_VCOM_SerialEmulator. USB_D driver and header files are also updated.
13. Fixed UART baudrate setting errors in samples USB_D_VCOM_And_HID_Keyboard and USB_D_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 USB_D_HID_Keyboard.
20. Added sample USB_D_HID_MouseKeyboard.
21. Added sample USB_D_HID_Touch.
22. Added sample USB_D_HID_Transfer_And_Keyboard.
23. Added sample USB_D_HID_Transfer_And_MSC.
24. Added sample USB_D_Mass_Storage_CDROM.
25. Added sample USB_D_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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