

**ARM<sup>®</sup> Cortex<sup>®</sup>-M**  
**32-bit Microcontroller**

**NuMicro<sup>®</sup> Family**  
**NANO100AN Series CMSIS BSP**  
**Revision History**

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### Revision 3.01.000 (Released 2015-07-03)

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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)

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1. Primary release version.

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