ARM® Cortex®-M4

32-bit Microcontroller

NuMicro® Family
M460 Series BSP
Revision History

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

www.nuvoton.com

Revision 3.00.002 (Released 2023-03-14)

1. Update SPI_Loopback and QSPI_Slave3Wire sample code.
2. Update crypto accelerator library and update ccm hardware accelerator porting.
3. Add option for mbedTLS_AES sample code to support AES/CCM and GCM.
4. Add KPI sample code and updated kpi driver.
5. Move CANFD module selection define to main.c and add configuration wizard for Keil project.
6. Modify SYS_UnLockReg() time-out handler and fix UART baud rate calculation in UART_AutoBaudRate sample code.
7. Fix I2C and UI2C sample code.
8. Fix CLK_EnablePLLFN() default setting when PLLFN frequency is out of range.
9. Fix LwIP_SSL, EBI_NOR, EMAC_TxRx and SC_ReadATR sample code run fail.
10. Fix codec and buffer settings in UAC sample codes.
11. Fix to set wrong baudrate in the Classic CAN mode.
12. Fix PSIO_1Wire GCC sample code print floating point number issue.
13. Modify lwip settings and EMAC driver to improve the TCP/IP performance.
14. Change ISP_RS485 sample code pins to avoid conflict with Ethernet PHY pins on NuMaker board.
15. Fix ISP_RS485 and ISP_UART sample code UART clock source selection.
16. Call UART FIFO size from uart.h in USBD VCOM sample code
17. Fix PRNG_Start seed reload in Library/StdDriver/src/crypto.c.
18. Add temperature sensor code and update board schematic file.
19. Update HBI, ACMP driver, retarget for IAR 9.20 and add KS key status sample code.
20. Enable I/O schmitt trigger and high slew rate in BMC sample code.
21. Update driver in Library/StdDriver/inc/canfd.h and canfd.c
22. Add mcros for GPIO MFP in Library/StdDriver/inc/sys.h
23. Fix error in CANFD_SetTimingConfig() in Library/StdDriver/src/canfd.c
24. Update HSUSBD_HID_Mouse sample code to support remote-wake function.
25. Fix return in main() cause hardfault issue in SmpleCode/StdDriver/main.c
26. Remove ISBEN from FMC driver.

Revision 3.00.001 (Released 2022-06-06)

1. Initial Release.

Important Notice

Nuvoton Products are neither intended nor warranted for usage in systems or equipment, any malfunction or failure of which may cause loss of human life, bodily injury or severe property damage. Such applications are deemed, "Insecure Usage".

Insecure usage includes, but is not limited to: equipment for surgical implementation, atomic energy control instruments, airplane or spaceship instruments, the control or operation of dynamic, brake or safety systems designed for vehicular use, traffic signal instruments, all types of safety devices, and other applications intended to support or sustain life.

All Insecure Usage shall be made at customer's risk, and in the event that third parties lay claims to Nuvoton as a result of customer's Insecure Usage, customer shall indemnify the damages and liabilities thus incurred by Nuvoton.