

**ARM® Cortex®-M0
32-bit Microcontroller****NuMicro® Family
M071Q/M071V Series BSP
Revision History**

The information described in this document is the exclusive intellectual property of Nuvoton Technology Corporation and shall not be reproduced without permission from Nuvoton.

Nuvoton is providing this document only for reference purposes of NuMicro microcontroller based system design. Nuvoton assumes no responsibility for errors or omissions.

All data and specifications are subject to change without notice.

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

www.nuvoton.com

Revision 3.00.003 (Released 2024-03-07)

1. Enable LVR in SYS_PowerDown_MinCurrent sample code to prevent power on/off fail.
2. Use "volatile" with the function pointer to disable compiler optimizations in I2C/UI2C sample code.
3. Add a reaction in TX/RX when encountering a NACK event after ARBLOIF has been triggered in UI2C_Master sample code.
4. Add process when s_Event is SLAVE_SEND_DATA after receiving SLA+R and returned ACK in USCI_I2C_Slave.
5. Remove emWin and ACMP_CTL_NEGSEL_DAC.

Revision 3.00.002 (Released 2023-05-19)

1. Fix sample code build error with compiler 6.
2. Modify SYS_UnLockReg() time-out handler.
3. Call UART FIFO size from uart.h in USB VCOM sample code.
4. Fix USB_MassStorage_CDROM crash on Linux.
5. Fix return in main() cause hardfault issue.
6. Add timeout handler for infinite loop.
7. Add NuMicro.h header.
8. Add SYS_PowerDown_MinCurrent sample code.
9. Add SPI_TRIGGER_TX_RX_PDMA and SPI_DISABLE_TX_RX_PDMA API in SPI driver.
10. Fix SC and EBI sample codes run error.
11. Fix I2C_EEPROM, I2C_GCMode and I2C_Loopback failed in GCC and IAR.

Revision 3.00.001 (Released 2020-07-10)

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.

*Please note that all data and specifications are subject to change without notice.
All the trademarks of products and companies mentioned in this datasheet belong to their respective owners.*