



*CLOSED LOOP DESIGN LLC*

USB BF70x Bulk Release Notes

Closed Loop Design, LLC

748 S MEADOWS PKWY STE A-9-202

Reno, NV 89521

[support@cld-llc.com](mailto:support@cld-llc.com)

**Table of Contents**

- Library Release Notes:..... 3
  - Version 1.4..... 3
  - Version 1.3..... 3
  - Version 1.2..... 3
  - Version 1.1..... 3
- Example Project Release Notes: ..... 3
  - Version 1.4..... 3
  - Version 1.3..... 3
  - Version 1.2..... 3
  - Version 1.1..... 3

## Library Release Notes:

### Version 1.4

- Added USB Suspend and USB Resume notifications to the `fp_cld_usb_event_callback` function.

### Version 1.3

- Modified USB IN DMA handling to correct the following issues:
  - The packet transmitted callback function might not be called.
  - The packet transmitted callback function might be called early.
- Enabled the "Allow mixing of sizes (-double-size-any)" Cross Core Embedded Studio's Compiler Processor option.
- Modified the library header to work in a C++ build environment.

### Version 1.2

Enhanced the USB transfer DMA to avoid a possible race condition where the transfer complete callback could be called before the last data packet was finished transmitting.

### Version 1.1

Initial Release

## Example Project Release Notes:

### Version 1.4

- Modified to include version 1.4 of the CLD bulk library and support Suspend/Resume notifications.
- Modified to support HostApp.exe's new Query USB Port command.

### Version 1.3

Modified to include version 1.3 of the CLD bulk library.

### Version 1.2

Updated to include the workaround for silicon anomaly workaround 19000042

[http://download.analog.com/tools/CrossCoreEmbeddedStudio/Releases/Release\\_1.1.1/CrossCoreEmbeddedStudio-ReleaseNotes-Rel1.1.1.pdf](http://download.analog.com/tools/CrossCoreEmbeddedStudio/Releases/Release_1.1.1/CrossCoreEmbeddedStudio-ReleaseNotes-Rel1.1.1.pdf)

### Version 1.1

Initial Release