Release Notes

Introduction

This document summarizes a minor update to release 19 of the ALP-4.2 *high-speed* application programming interface. The following remarks are to indicate additional programming capabilities.

These release notes apply to ALP-4.2 *high-speed* components of the following versions:

- API (alpV42.dll): 1.0.y.x, y≥19, x≥74
- API header file (alp.h): 24
- ALP API description (ALP-4 high-speed API description.pdf): 2020-04-14

Changes in Release 19

ALP has generally been improved regarding stability (Bug-Fixes). Additionally there are some new extensions. This section summarizes these changes. Please see the ALP-4 *high-speed* API description for details.

Sync Output Time-Out Watchdog

ALP-4.2 *high-speed* now supports an extended protection feature to disable certain GPIO Pins after a user defined Timeout. ALP_DEV_DYN_SYNCH_OUT_WATCHDOG

Additional Control types:

- ALP_DEV_DYN_SYNCH_OUT_WATCHDOG

Bug-Fixes

Bug-Fix: *AlpSeqPut* could end up in deadlock after an error (such as disconnect) occurred.

Bug-Fix: ALP_SEQ_REPEAT value was improperly evaluated as '1' when starting multiple sequences consisting of only one frame.

All GPIO-Outputs are now set to '0' when *AlpDevFree* is called.