Release Notes FlexCard Windows

FlexCard Windows setup S6V8D-F (6.8.4.0)

Release Date:
December 08, 2021

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:
- Added: Support for FlexCard PXIe3 and PCIe3 (FlexDevice mode and FlexCard mode)
- Added: Ethernet drivers for FlexCard PMC-II and FlexCard PXIe3 and PCIe3 (FlexCard mode)
- Change: Minor API changes.

FlexCard Windows setup S6V7C-F

Release Date:
June 11, 2021

Description:
This is a minor release with new features and compatible with the previous release. This is a beta release.

It contains the following changes:
- Added: UartOverCan support for FlexCard PMC-II

FlexCard Windows setup S6V7-F

Release Date:
December 11, 2020

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:
- Removed: Driver support for Windows 7 x86 and x64.
- Removed: Driver support for Windows 10 x86. The library still supports x86 and x64 applications.
- Added: FlexCard API support for FlexDevice family
- Added: (Preliminary) FlexCard PXIe3 and PCIe3 support (FlexCard RBS mode)
- Added: (Preliminary) Ethernet support for FlexDevice, FlexCard PXIe3 and PCIe3
- Added: FlexCard PMC-II trigger extension for DIO3

FlexCard Windows setup S6V6C-F

Release Date:
December 6, 2018

Description:
This is a maintenance release with no functional change and compatible with the previous release.

Created by	STAR ELECTRONICS GmbH & Co. KG			
Date created	2021-12-08	Date modified	2021-12-08	Page 1 of 5

It contains the following changes:

- Added: Split the driver to a Windows 7 and a Windows 10 driver package. The Windows 10 driver package supports Secure Boot.
- Removed: Support for Windows XP/Vista
- Updated: FlexUpdate application (added support for FlexDevice-S and FlexDevice-L²)

FlexCard Windows setup S6V6A-F

Release Date:
September 15, 2016

Description:
This is a maintenance release with no functional change and compatible with the previous release.

It contains the following changes:

- Updated: Updated setup for Windows 10 (without Secure Boot).

FlexCard Windows setup S6V6-F

Release Date:
June 20, 2016

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:

- Added: CAN FD functionality for FlexCard PMC-II.
- Added: Function to get information about the mounted FlexTiny II modules on a FlexCard PMC-II.
- Added: Possibility to switch the timestamp source on FlexCard PMC-II to the PMC UserIo lines.

FlexCard Windows setup S6V5A-F

Release Date:
November 16, 2015

Description:
This is a maintenance release with no functional change and compatible with the previous release.

It contains the following changes:

- Changed: Layout and company information adapted to STAR COOPERATION.
- Changed: Removed PDF documents which refer to discontinued products.
- Updated: FlexUpdate application (added support for FlexDevice-L).

FlexCard Windows setup S6V4A-F

Release Date:
September 3, 2014

Description:
This is a maintenance release and compatible with the previous release.

3-0009-0S01-D13_ReleaseNotes_FlexCard_Windows_D1V11-F.docx

Created by	STAR ELECTRONICS GmbH & Co. KG			
Date created	2021-12-08	Date modified	2021-12-08	Page 2 of 5

It contains the following changes:
- Added: FlexCard PMC II firmware S6V5-F: Added support for MSI (message signalled interrupts). This feature is not supported by FlexCard S6V4-F Windows driver. Windows driver S6V4-F is compatible with firmware S6V5-F.

FlexCard Windows setup S6V4-F

Release Date:
July 6, 2012

Description:
This is a bug-fix release and compatible with the previous release.

It contains the following changes:
- Added: Windows 7 64 bit support
- Fixed: Valid-flag in FlexRay TxAcknowledge packet
- Fixed: Writing on GTUC11 during monitoring
- Fixed: Memory leak in fcbOpen
- Fixed: FlexCard USB cannot be found after stand-by
- Fixed: Error when reading FlexRay message buffer 1
- Updated: FlexUpdate application

FlexCard Windows setup S6V3A-F

Release Date:
November 26, 2010

Description:
This is a bug-fix release and compatible with the previous release.

It contains the following changes:
- Fixed: CAN license issue on FlexCard USB

FlexCard Windows setup S6V3-F

Release Date:
June 30, 2010

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:
- Changed: Error text extended for CC configurations (FlexCard USB only)
- Added: New hardware support of FlexCard USB CAN
- Added: Windows 7 32 bit support
- Added: CAN transmit FIFO
- Fixed: Latency and performance issues
- Fixed: Status packets with wakeup information
- Fixed: Self synchronization with wakeup procedure
- Fixed: Self synchronization with usage of one channel
- Fixed: Broken self synchronization with dynamic segment
- Fixed: Software acceptance filtering for channel both (FlexCard USB only)
- Fixed: Standby behaviour under Windows Vista
- Fixed: Symbol window and network idle time error packets

3-0009-0S01-D13_ReleaseNotes_FlexCard_Windows_D1V11-F.docx

Created by	STAR ELECTRONICS GmbH & Co. KG			
Date created	2021-12-08	Date modified	2021-12-08	Page 3 of 5

- Fixed: Busy devices in enumeration function (FlexCard USB only)
- Fixed: Error handling in receive process
- Updated: FlexUpdate and FlexAlyzerV2 applications
- Updated: CAN demo application with transmit FIFO

FlexCard Windows setup S6V2-F

Release Date:
January 29, 2010

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:
- Added: New hardware support of FlexCard USB
- Added: Configuration of time stamp source, external triggering available
- Added: Trigger configuration for internal FlexCard time stamp
- Added: High resolution FlexCard time stamp (64 Bit)
- Added: Fault tolerant CAN support (FlexCard USB only)
- Added: Function that reads whether FlexRay self synchronization is available (all FlexCards)
- Changed: Avoid transmission of wrong FlexRay wakeup symbols during monitoring start
- Changed: Trigger configuration of software timer above 400 seconds possible
- Changed: User defined card id value in complete 32 bit range possible
- Changed: Error text extended for CC configurations
- Fixed: BSOD during device initialization with older systems
- Fixed: Hardware filtering and transmission configuration reset
- Fixed: FlexRay CC Timer0 signalization
- Fixed: Transceiver state for FlexRay CC3 and CC4 (FlexCard PMC II only)
- Fixed: Device initialization after Stand-by
- Fixed: Self synchronization with initial microtick offset configuration of zero
- Fixed: Notification packets before monitoring start
- Updated: Terms and Conditions for Software Use
- Updated: FlexUpdate and FlexAlyzerV2 applications

FlexCard Windows setup S6V1-F

Release Date:
July 31, 2009

Description:
This is a minor release with new features and compatible with the previous release.

It contains the following changes:
- Added: DMA support for FlexCard Cyclone II (SE) and FlexCard PMC (II)
- Added: Support of 4 FlexRay CCs with FlexCard PMC II
- Added: Factory Image for FlexCard PMC II
- Added: CC depended bus termination for FlexCard PMC (II)
- Added: Extended message buffer configuration modes
- Added: License for FlexCard LabVIEW driver
- Changed: ANSI-C conformity fcBase API header files
- Fixed: Timestamp in asynchronous monitoring modes
- Updated: Monitor mode of FlexRay CCs, FIFO buffers can be used in debug mode
- Updated: FlexUpdate and FlexAlyzerV2 applications

3-0009-0S01-D13_ReleaseNotes_FlexCard_Windows_D1V11-F.docx

Created by	STAR ELECTRONICS GmbH & Co. KG			
Date created	2021-12-08	Date modified	2021-12-08	Page 4 of 5