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MP300 ACL1

WHAT'S NEW ?

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Driver Version 1.12 – September 2023

DRIVER FROM 1.10 TO 1.11

Improvements

- `MPC_GetModulationLevel` added.

SYSTEM FROM 5.26 TO 5.27

Correction

- Correction on reentrant functions call

Driver Version 1.11 – August 2018

DRIVER FROM 1.10 TO 1.11

Improvements

- Analog option is now included for free

Corrections

- VHBR frames were not correctly decoded. Fixed

SYSTEM FROM 5.24 TO 5.26

Improvements

- Support of SPI protocol.
- Vicinity new embedded entry points for the MP300 TCL2

Correction

- Issue on the remote command HEL2: calibration date, hardware resource. Fixed



Driver Version 1.10 – May 2017

DRIVER FROM 1.09 TO 1.10

Improvements

- Display phase change in FeliCa (212 kbit/s and 424 kbit/s)
- Display change data rate events in viewer
- New trigger functions: possibility to trig on nth occurrence of an event after a delay. Requires MPManager 3.5.0 or newer.
- Automatics selection of the active decoder depending on the detected data rate change (works for type A / type B from 106 kbit/s to 848 kbit/s). Requires MPManager 3.5.0 or newer.

Corrections

- Error when decoding P2P, Vicinity or PCD A. Fixed
- Antenna LED not working when the spy is not running. Fixed

SYSTEM FROM 5.23 TO 5.24

Corrections

- MPS_GetVersion2 for the MP300 MT1 didn't work. Fixed

Driver Version 1.09 – December 2016

DRIVER FROM 1.08 TO 1.09

Improvements

- VHBR option is now included for free

SYSTEM FROM 5.22 TO 5.23

Improvements

- **MPS_GetVersion2** API added.
- Support for MP300 MX1 hardware upgrade.



Driver Version 1.08 – May 2016**DRIVER FROM 1.07 TO 1.08****Improvements**

- FS detect VHBR showed on viewer (for subcarriers 1.695 MHz and 3.390 MHz)
- Better precision on FDT measurement
- Better decoding for FeliCa and Vicinity

Corrections

- ACL1 may randomly not be functional after power up. Fixed.
- Correction bug on acknowledgement Mifare decoding

SYSTEM FROM 5.21 TO 5.22**Improvements**

- Better detection of IP addresses conflicts.

Corrections

- Batch feature (**MPS_ExecuteBatch**, **MPS_ExecuteBatchEx**) can now be included into embedded rules (**MPS_SimAddRule**) on SCx, TC3 and TCL2.
- Correction of possible USB data corruption. May occur on MP300 revision 'F' or older when long remote commands are intensively exchanged over the USB channel.



Driver Version 1.07 – March 2015

SYSTEM FROM 5.20 TO 5.21

Improvements

- Compatibility with MPManager 3.2 or later added.

Corrections

- MP300 LED was lit off every 5 minutes. Fixed.



Driver Version 1.07 – August 2014

DRIVER FROM 1.06 TO 1.07

Improvements

- Modulation on trigger out 1 by default when trigger frame option is inactive
- Robustness to overshoots
- Display of B type start of frame for both PICC and PCD
- Smarter events filtering
- New control of input signal

Corrections

- B type sensibility
- Disturbances created by type A 848
- Events overlap
- Bug on trigger on frame

SYSTEM FROM 5.17 TO 5.20

Improvements

- USB spy download priority reduced in order to improve daughter boards' speed.
- Support of extended serial numbers and extended card IDs.

Corrections

- MPOS recovery mode reliability improved.
- Fixed a possible EEPROM memory loss during reboot.



Driver Version 1.06 – October 2013

DRIVER FROM 1.05 TO 1.06

Improvements

- VHBR ASK decoding for both PICC and PCD (speed from 1696kbs to 6390 kbs)
- Triggers on VHBR characters have been added.
- VHBR subcarriers detection has been added for PICC

Corrections

- TR1 type B is now correctly calculated
- MPlog overflow is corrected

SYSTEM FROM 5.16 TO 5.17

Corrections

- Fixed a possible crash when calling an API with an invalid coupler number.

