

**C&S****Fachhochschule**

- University of Applied Sciences -

communication & systems group

Prof. Dr.-Ing. W. Lawrenz

- Director C&S -

Salzdahlumer Strasse 46/48

D-38302 Wolfenbüttel

Atmel CAN-Components

Authentication on CAN Conformance

C&S group is a subdivision of the Fachhochschule Wolfenbüttel. As such C&S is worldwide recognized as a neutral expert in testing of communication systems such as CAN Transceivers, CAN, CAN Software Drivers, (CAN) Network Management and LIN.

Herewith C&S group is proud to confirm that the following tests on the subsequently specified device implementations have been performed by C&S resulting in the findings given below:

C&S Conformance Test Results

CAN**Component/Part Number****Atmel AT90CAN32****90CAN32 -ESAZ 0618 A05224H****Hardware Manual Version**

Atmel 8-bit AVR Microcontroller with 32K/64K/128K of ISP Flash and CAN Controller, AT90CAN32, AT90CAN64, AT90CAN128, Rev. 7679B-CAN-11/06

Date of Tests**November 2006****Version of Test
Specification**

- ISO 16845:2004
Road vehicles – Controller area network (CAN) - Conformance test plan
C&S enhancement / corrections:
Reference: CAN Conformance Testing Test Specification C&S V1.4
- C&S Register Functionality/ Processor Interface Test Specification V2.0
- C&S Robustness Test Specification V1.3

Corresponding Test Report

198_AT90_061_FinalReport_AT90CAN32_00

Types of Tests:

- **ISO 16845**
(+ C&S enhancements)
- **Register Functionality**
(C&S defined tests)
- **Robustness**
(C&S defined tests)

Pass

with reduced set of possible configurations for baud rate prescaler equal to 1.

Pass**Pass**

Wolfenbüttel, 2006-Dec-04


Fischer, Senior Engineer
Meitrodt, Project Manager