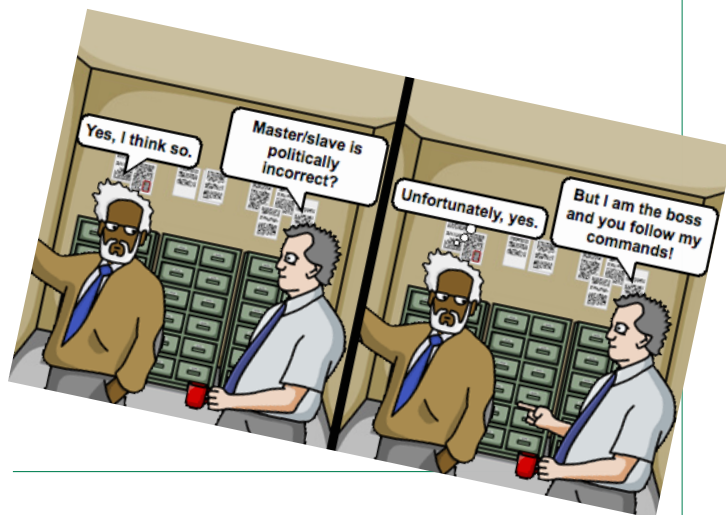


Facts & Figures

Rohde & Schwarz is the 700th member of the nonprofit CAN in Automation (CiA) international users' and manufacturers' group. More than 85 years ago, Dr. Lothar Rohde and Dr. Hermann Schwarz founded the Munich-based company. The company has more than 12 000 employees worldwide and offers oscilloscopes, which diagnose Classical CAN and CAN FD networks.

700th
CiA member



Emotas' [CANopen protocol stack](#) has been assessed and endorsed by ST Microelectronics to become the first MadeForSTM32 approved CANopen software for STM32 micro-controllers.

Due to the novel coronavirus, the international CAN Conference 2020 has been postponed. The new date is June 15 and 16, 2021. Location is still Baden-Baden in Germany.

17th
iCC

Of course, the authors will update their presentations. The iCC 2020 proceedings are already [available for purchase](#).

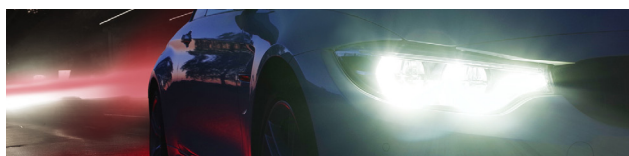
Transceiver naming

CiA has agreed on names for two transceiver approaches: CAN SIC transceiver (CiA 601-4) and CAN SIC XL transceiver (CiA 610-3). Recommended are the terms CAN high-speed (up to 1 Mbit/s) and CAN FD transceivers (up to 5 Mbit/s) for ISO 11898-2:2016 compliant components.



CAN FD Light

CiA has established a Special Interest Group specifying the [CAN FD light](#) protocol, which is intended for price-sensitive networks. Typical examples include the communication within sophisticated vehicle headlights. CAN FD light nodes do not need an oscillator and transmits only on request by a CAN FD node.



Density of CiA members

Switzerland's area is 41 285 km² and there are 39 CiA members headquartered. This results in 1 058 km² per member and is the highest CiA member density worldwide. Germany follows closely with 1 195 km² per member (area 357 582 km² and 299 members). Regarding the CiA member density per population also Switzerland is ahead: 219 747 citizens per member. Germany counts 278 149 citizens per member.





CAN in Automation

The non-profit CiA organization promotes CAN and CAN FD, develops CAN FD recommendations and CANopen specifications, and supports other CAN-based higher-layer protocols such as J1939-based approaches.

Join the community!

- ▶ Initiate and influence CiA specifications
- ▶ Get credits on CiA training and education events
- ▶ Download CiA specifications, already in work draft status
- ▶ Get credits on CiA publications
- ▶ Receive the exclusive, monthly CiA Member News (CMN) email service
- ▶ Get CANopen vendor-IDs free-of-charge
- ▶ Participate in plugfests and workshops
- ▶ Get the classic CANopen conformance test tool
- ▶ Participate in joint marketing activities
- ▶ Develop partnerships with other CiA members
- ▶ Get credits on CiA testing services

*For more details please contact CiA office
at headquarters@can-cia.org*

www.can-cia.org