

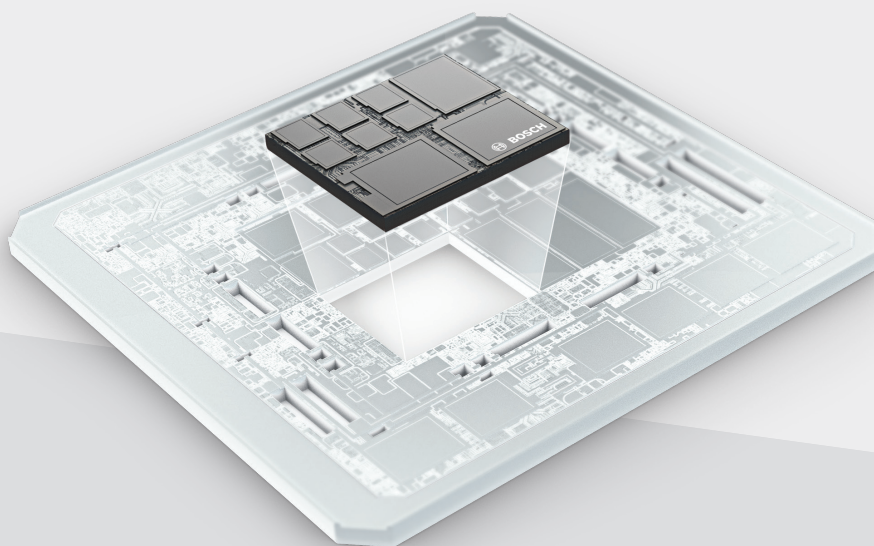
Automotive Electronics

Protocol License for CAN, TTCAN, CAN FD, CAN FD Light, and CAN XL Protocol



BOSCH

Invented for life



Protocol license

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BASIC LICENSE FEE

- ▶ Lump-sum payment of 2,500 EUR, covering the running royalty (if any) for the first 10,000 products.

RUNNING ROYALTY FOR TTCAN, CAN FD, CAN FD LIGHT, CAN XL

- ▶ For exceeding volumes, a royalty of 1 % of the net sales price (limited to a maximum of 5.10 EUR) of the TTCAN and/or CAN FD and/or CAN FD Light and/or CAN XL product will be charged.

BENEFITS

- ▶ The right to use the CAN trademark and Bosch's essential intellectual property rights regarding the TTCAN, CAN FD, CAN FD Light and CAN XL Protocol for the design, manufacture, and sale of protocol controller implementations as integrated circuits or as programmed FPGAs.
- ▶ Only one license fee for all protocols.

CAN IP modules

IP Module for CAN, TTCAN, CAN FD, CAN FD Light (Master), and CAN XL Protocol

In addition, Bosch offers several CAN IP modules to support the integration of Classical CAN, TTCAN, CAN FD (including CAN FD Light) and CAN XL. Currently the following modules are available for ASIC and FPGA integration:

- ▶ M_CAN:
Supports Classical CAN, CAN FD, CAN FD Light (master) and TTCAN.
- ▶ X_CAN:
Supports Classical CAN, CAN FD, CAN FD Light (master) and CAN XL.

A separate flyer is available regarding the module licensing conditions. For more information, please contact us.



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IMPORTANT NOTICE

The TTCAN Protocol, CAN FD Protocol, CAN FD Light Protocol and CAN XL Protocol are protected by intellectual property rights of Robert Bosch GmbH. The above described protocol license is required for any implementation of the respective protocols, i.e. using self-developed implementations of any of the protocols as well as using IP modules purchased from Bosch (see above) or another vendor implementing any of the protocols.