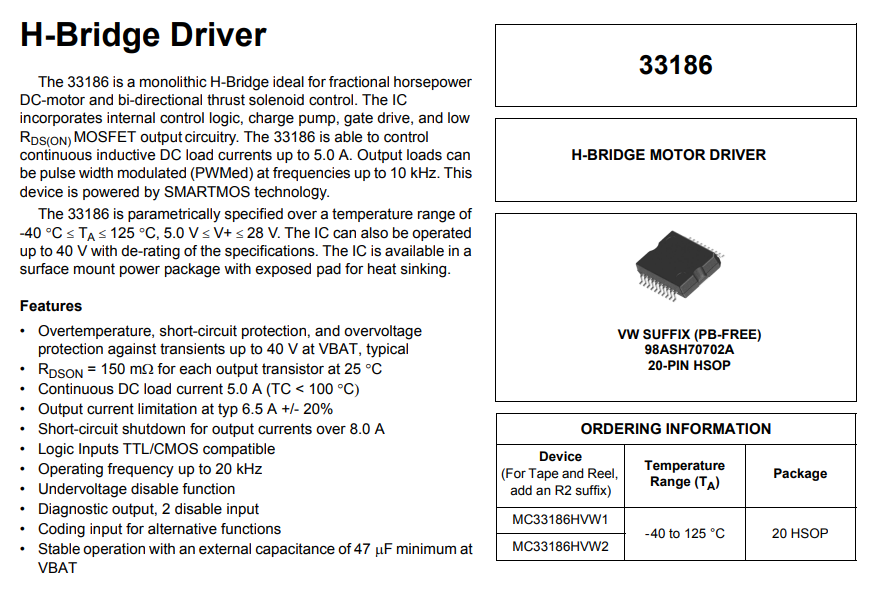
# Doxygen:

Doxygen is a documentation generator that works with many programming languages. It extracts information from specially-formatted source code comments and saves the information in one of various supported formats. Doxygen supports static analysis of a codebase.

# Automotive DC motor drivers (used for driving electronic throttle bodies)

Driving DC motors using discrete circuits is a bad idea because of its complexity. As an example, a simple H-bridge with no protection circuitry requires four power transistors and a lot of gate drive circuitry while still not being able to provide any protection against over-current, over-temperature conditions.

Research indicates that ICs which include all of the mentioned functionalities exist. Take MC33186 as an example. A fully integrated and high-power DC motor driver.



The datasheet also provides typical usage figures.

