



One-Wheel Antilock Braking (ABS) Controller for Scooter / Moped

SB0401

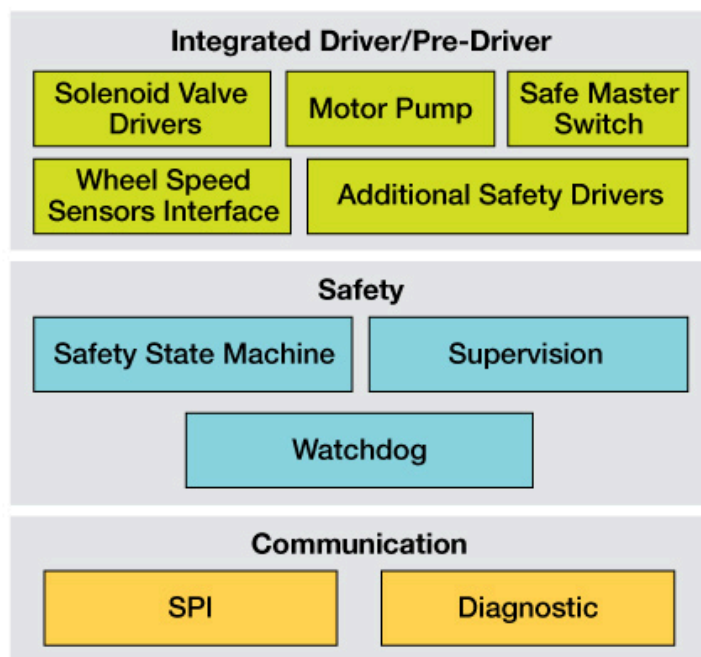
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Anti-lock braking systems (ABS) reduce accidents and save lives. This is well-known and proven for 4-wheel vehicles. Although not nearly as widely implemented as on 4-wheel vehicles, 2-wheeled motorcycles and scooters have increasing reasons for ABS implementation.

- The MC33SB0401 device is an antilock brake controllers designed for Motorcycle/Scooter. The MC33SB0401 is dedicated for the one channel ABS version.
- This antilock brake controller integrates two low side drivers with a low RDs (on) for solenoid valves, configurable wheel speed sensor interfaces for active sensors, a safe switch and finally a DC motor Pump controller.
- MC33SB0401 also has a warning lamp driver and a K-line transceiver. An internal charge pump allows the high-side drivers to use inexpensive N-channel MOSFETs.

For additional information and sample availability, contact your local [NXP® Sales Office](#).

SB0400/SB0401: Functional Internal Block Diagram



View additional information for [One-Wheel Antilock Braking \(ABS\) Controller for Scooter / Moped](#).

Note: The information on this document is subject to change without notice.

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