



# FlexRay™ Node Transceiver – Clamp 15

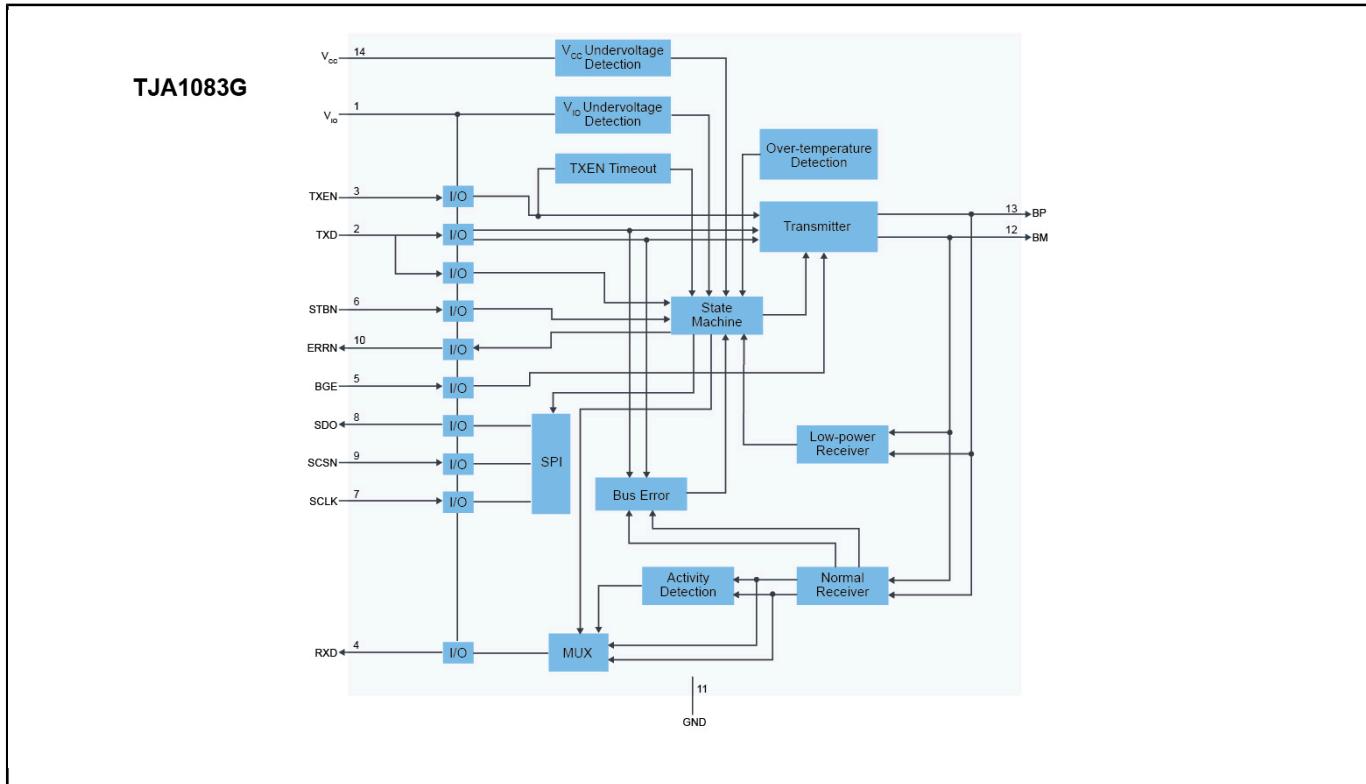
## TJA1083G

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The TJA1083G FlexRay™ node transceiver is compliant with the FlexRay Electrical Physical Layer specification ISO 17458-4:2013. The TJA1083G is a Clamp 15 transceiver, optimized for applications that are switched off by the ignition key. It is primarily intended for communication systems operating at between 2.5 Mbit/s and 10 Mbit/s and provides an advanced interface between the protocol controller and the physical bus in a FlexRay network.

- Offers an optimized solution for electronic control unit applications that are not directly connected to the battery and are switched on and off by the ignition key.
- Provides a differential transmit capability to the network and a differential receive capability to the FlexRay controller. It offers excellent electromagnetic compatibility (EMC) performance as well as high electrostatic discharge (ESD) protection.

## TJA1083G Block Diagram



[View additional information for FlexRay™ Node Transceiver - Clamp 15.](#)

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

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