



FlexRay Active Star Coupler – 2 Branch

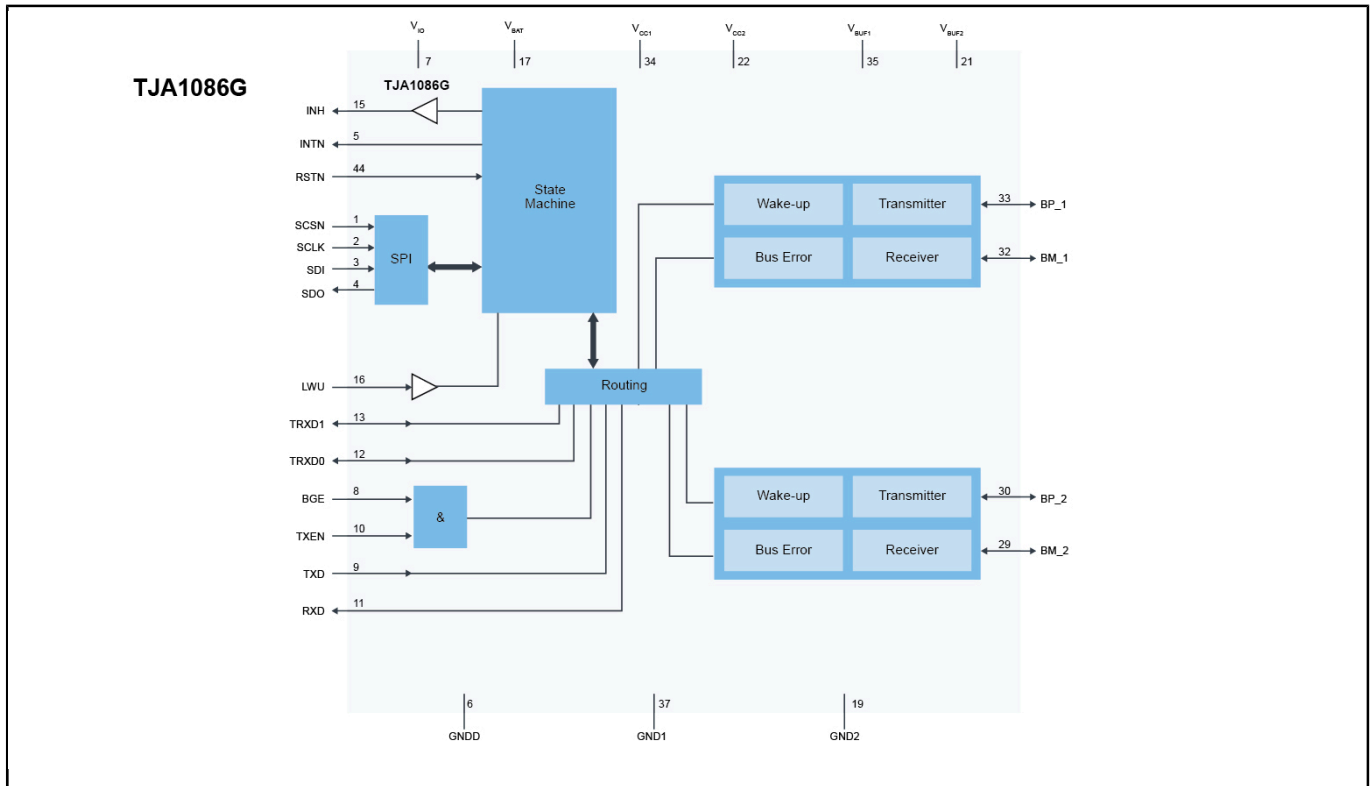
TJA1086G

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The TJA1086G is a FlexRay™ active star coupler that connects two branches of a FlexRay network. The TJA1086G is compliant with the FlexRay electrical physical layer specification V3.0.1/ISO17458-4.

- Several TJA1085G and TJA1086G devices can be connected via their TRXD0/1 interfaces to increase the number of branches in the network
- A dedicated Communication Controller interface allows for integration into an ECU
- Supports low-power management by offering bus wake-up capability along with battery supply and voltage regulator control
- Meets industry standards for EMC/ESD performance and provides enhanced bus error detection, low current consumption and unmatched asymmetric delay performance

TJA1086G Block Diagram



Active star coupler that connects two branches of a FlexRay network Block Diagram

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