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Classic Application:

- Flexible analysis of FlexRay bus
- Precise time analysis of bus communication data
- ECU testing, analysis, and gateway applications
- Various types of automated test benches

Feature Overview

TP1034 offers a 2 channel FlexRay and 2 channel CAN FD bus, designed with a PCIe interface for seamless integration. It excels in tasks such as FlexRay network development, simulation, and testing. Controlled by the TSMaster software, TP1034 facilitates the parallel application of multiple units or collaborative work with other TOSUN products. When used alongside TOSUN's CAN, LIN, and Automotive Ethernet tools, TP1034 empowers a single PC with high-performance multi-bus analysis and simulation capabilities. It is well-suited for use by testers, ECU production lines, and test engineers.

Characteristics

- Designed for plug-and-play on Windows systems, ensuring system compatibility
- 2 FlexRay channels (each channel includes A and B, supports internal bridging for using as one channel, can be individually cold-started)
- 2 CAN FD channels
- The FlexRay channel internally supports 700KB of transmit buffer space, concurrently storing 240 transmit configurations
- Equipped with an auxiliary communication controller, no need to add additional nodes during cold start
- Perfectly compatible with FlexRay, CAN/CAN FD bus applications based on TSMaster
- Compact design, especially suitable for mobile applications
- Supports secondary development interfaces for Windows systems
- CAN end has a built-in 120-ohm terminal resistor configurable through software
- FlexRay end has a built-in 100-ohm terminal resistor configurable through software

Specification