TJF1120: Industrial 1000BASE-T1 Ethernet PHY

TJF1120

Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information contact support or your sales representative.

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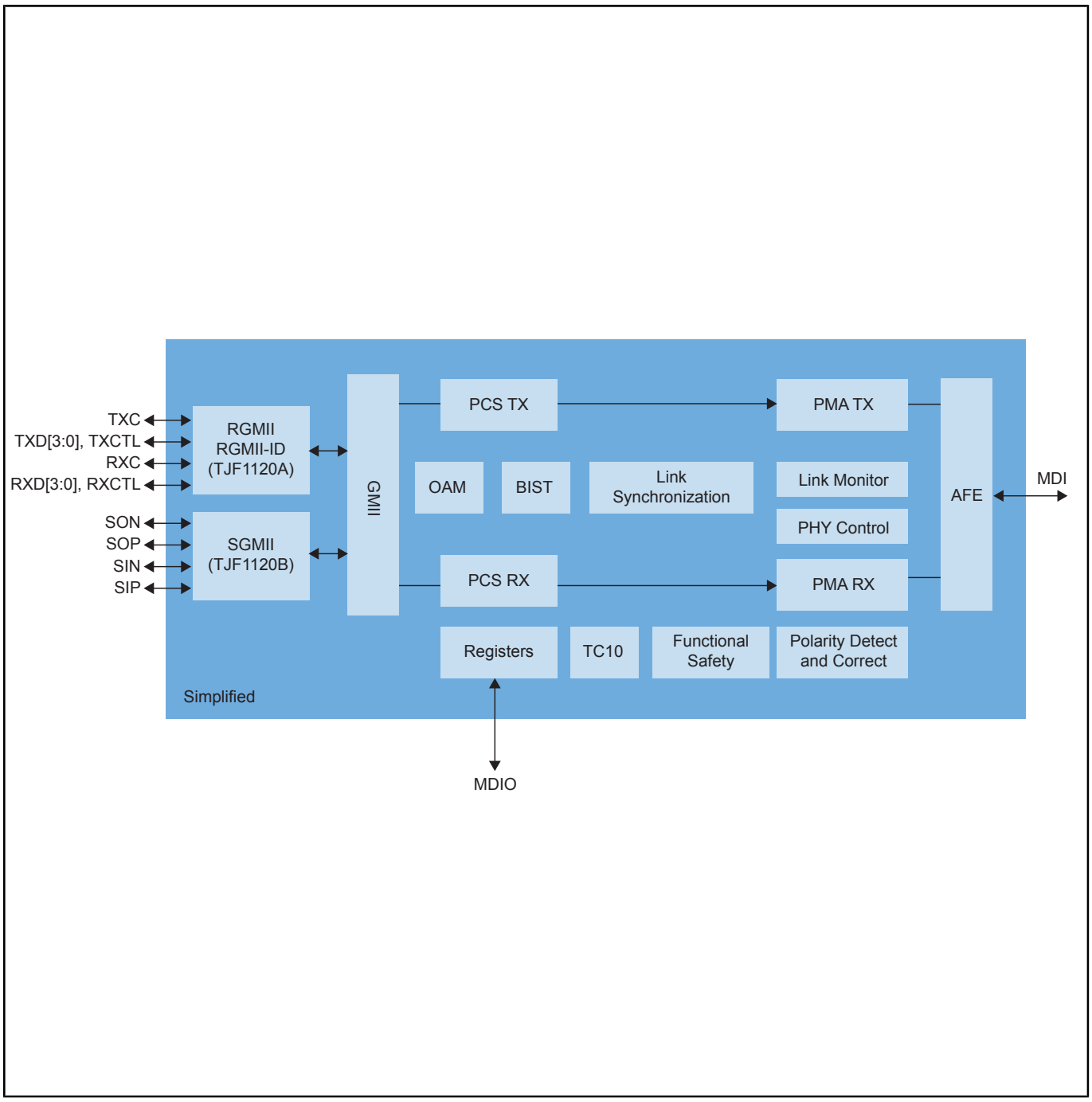
The TJF1120 is an industrial-grade 1000BASE-T1 Ethernet PHY designed for reliable high-speed Ethernet connectivity in industrial systems. The TJF1120 complies with current 1000BASE-T1 conformance test specifications and supports quality management (QM) requirements with enhanced monitoring, diagnostic and fault-detection capabilities. Its robust Ethernet PHY architecture helps improve network reliability and supports the continued adoption of Single Pair Ethernet (SPE) in industrial applications. The TJF1120 also supports the Industrial Mission Profile, enabling operation in demanding industrial environments.

TJF1120 silicon, documentation and software are available only to customers under an NDA. For more information, please contact NXP Support or your local sales representative.

TJF1120: Industrial Ethernet 1000BASE-T1 PHY Transceiver Block Diagram



View additional information for TJF1120: Industrial 1000BASE-T1 Ethernet PHY.

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