



TJF1120: Industrial 100BASE-T1 Ethernet PHY

TJF1120

Preproduction

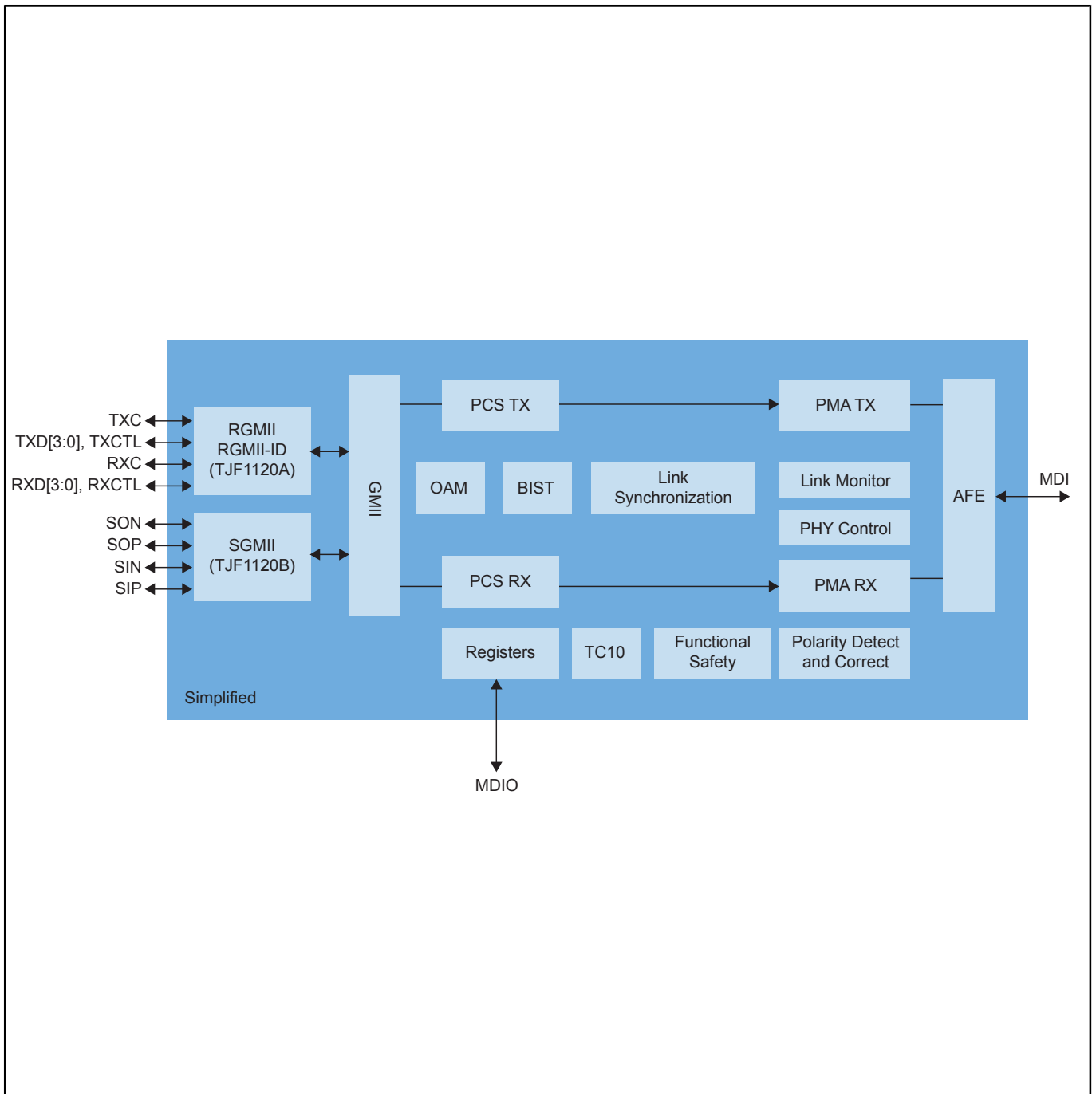
本页介绍的产品处于样品阶段。此处的产品技术规格和信息如有变更，恕不另行通知。如需了解更多信息和样品供货情况，请联系恩智浦 支持服务或恩智浦当地销售人员。

Last Updated: Sep 4, 2026

The TJF1120 is a third-generation 100BASE-T1 Ethernet PHY transceiver designed to enable Ethernet connectivity in industrial applications. The TJF1120 complies with current 100BASE-T1 conformance test specifications and supports quality management (QM) requirements with enhanced monitoring, diagnostic and fault-detection capabilities. Its robust Ethernet physical layer (PHY) architecture improves network reliability while supporting the continued adoption of Ethernet in industrial systems.

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](#).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.