



# TJA1100, IEEE 100BASE-T1 Compliant Automotive Ethernet PHY Transceiver

## TJA1100

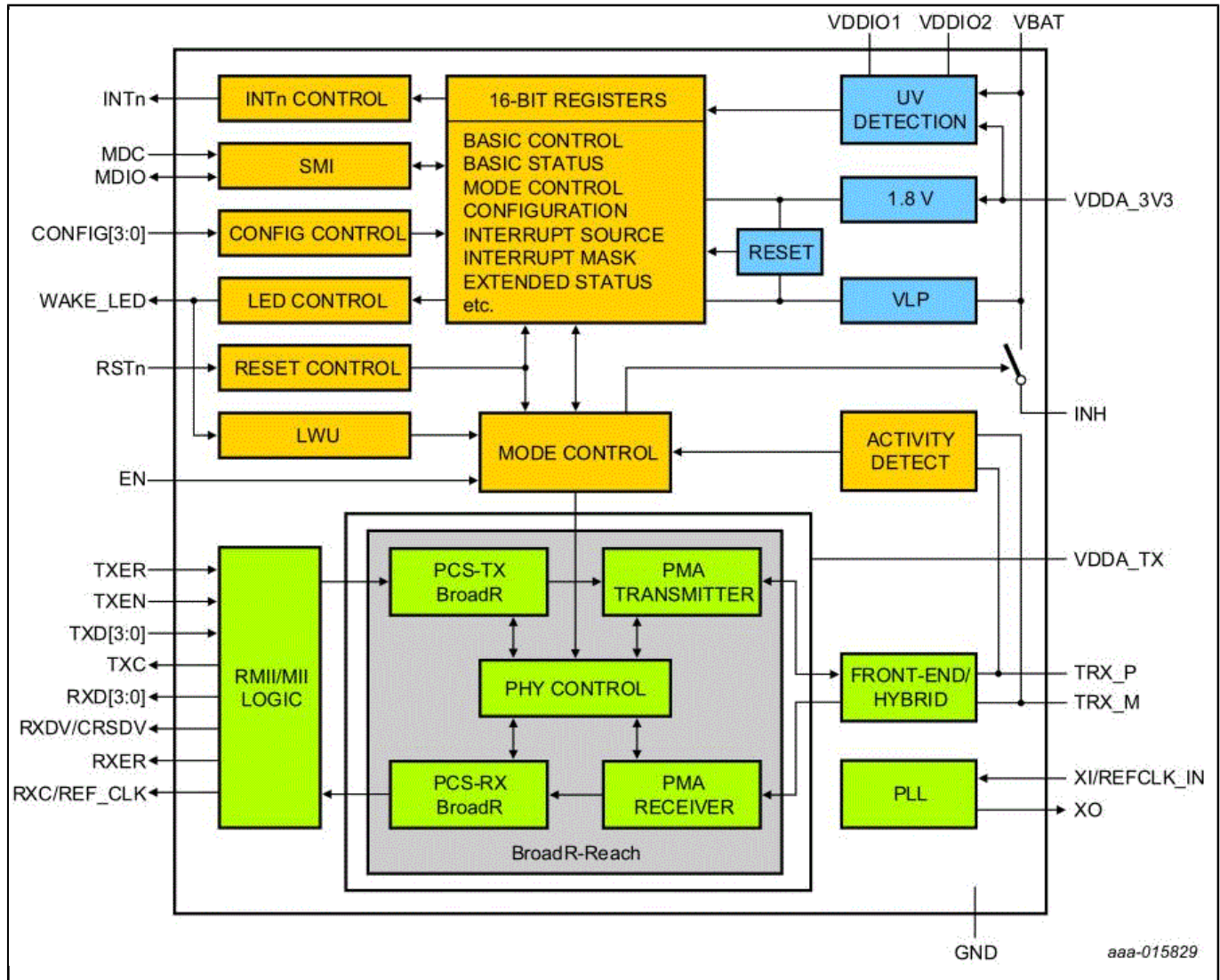
### **Not Recommended for New Designs**

This page contains information on a product that is not recommended for new designs.

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The TJA1100 is IEEE 100BASE-T1 compliant. The single port Ethernet PHY Transceiver is designed and fully qualified for automotive applications. It supports 100 Mbit/s transmit and receive capability up to at least 15 m of unshielded twisted pair (UTP) cables. The TJA1100 enables lowest system cost and fulfills the demanding area and heat constraints of next-generation electronic control units (ECU) and sensors for Advanced Driver Assistance System (ADAS). Qualified in compliance with AEC-Q100 Grade 1, the TJA1100 is natively designed for the smallest package footprint, minimal external component overhead, and low power.

# TJA1100 Block Diagram



View additional information for [TJA1100, IEEE 100BASE-T1 Compliant Automotive Ethernet PHY Transceiver](#).

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

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