



# TJA1410, 10BASE-T1S PMD Transceiver

## TJA1410

### Preproduction

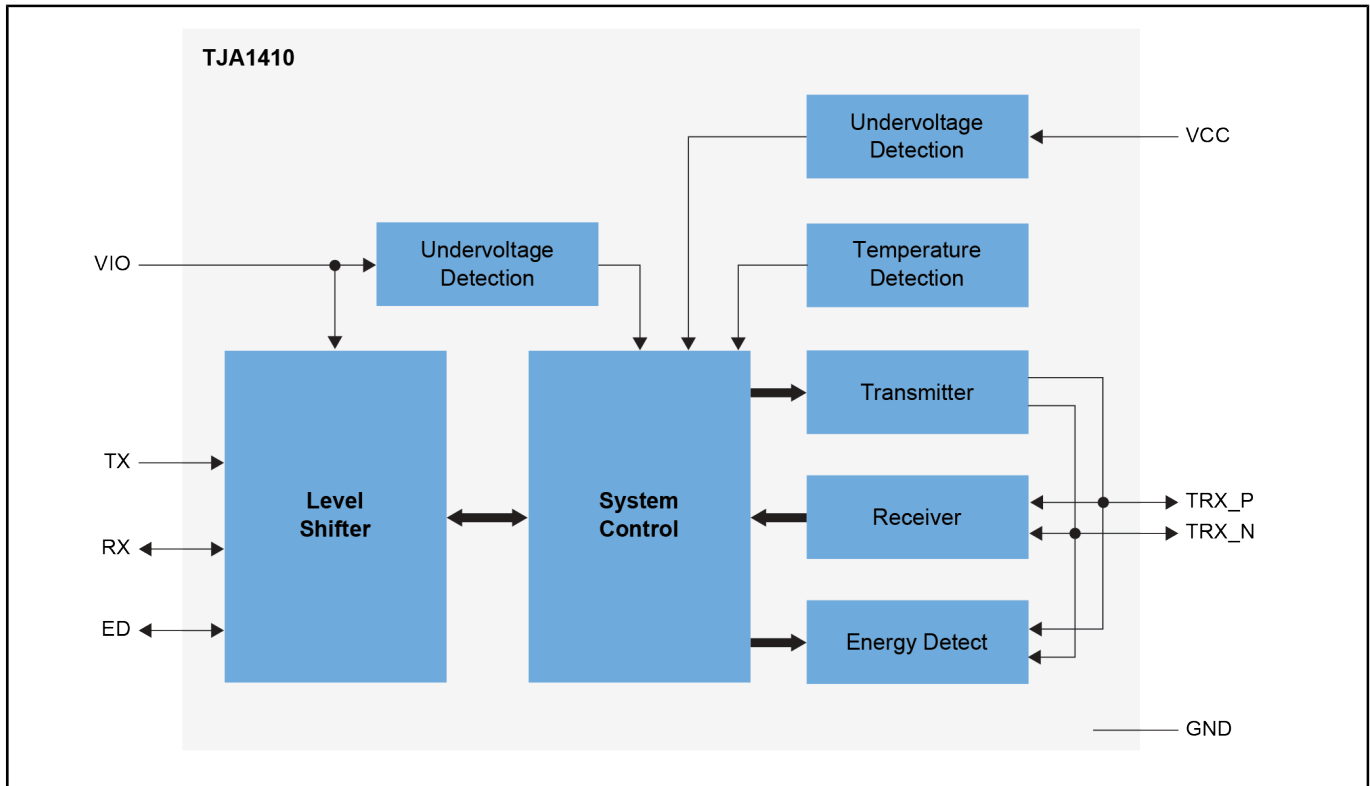
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TJA1410 is NXP's 10BASE-T1S OA TC14 specification-compliant PMD transceiver. It communicates over the OA 3-pin interface with the host MCU or switch, which must have the 10BASE-T1S digital PHY incorporated. The device comes in our compact HVSON8 (3 mm x 3 mm) package. The transceiver is made in our high-voltage process technology to guarantee best-in-class EMC performance.

The TJA1410 complies with all OA TC14 conformance test specifications and is designed according to ISO 26262 to meet ASIL B functional safety requirements. It also supports topology discovery as an advanced diagnostics feature. Further, it fully supports OPEN Alliance TC14-TC10 remote wake-up over the Ethernet data line.

## 10BASE-T1S PMD Transceiver Block Diagram



View additional information for [TJA1410, 10BASE-T1S PMD Transceiver](#).

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

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