



# Active Bridge Rectifier Controller

## TEA2206T

Last Updated: Dec 24, 2025

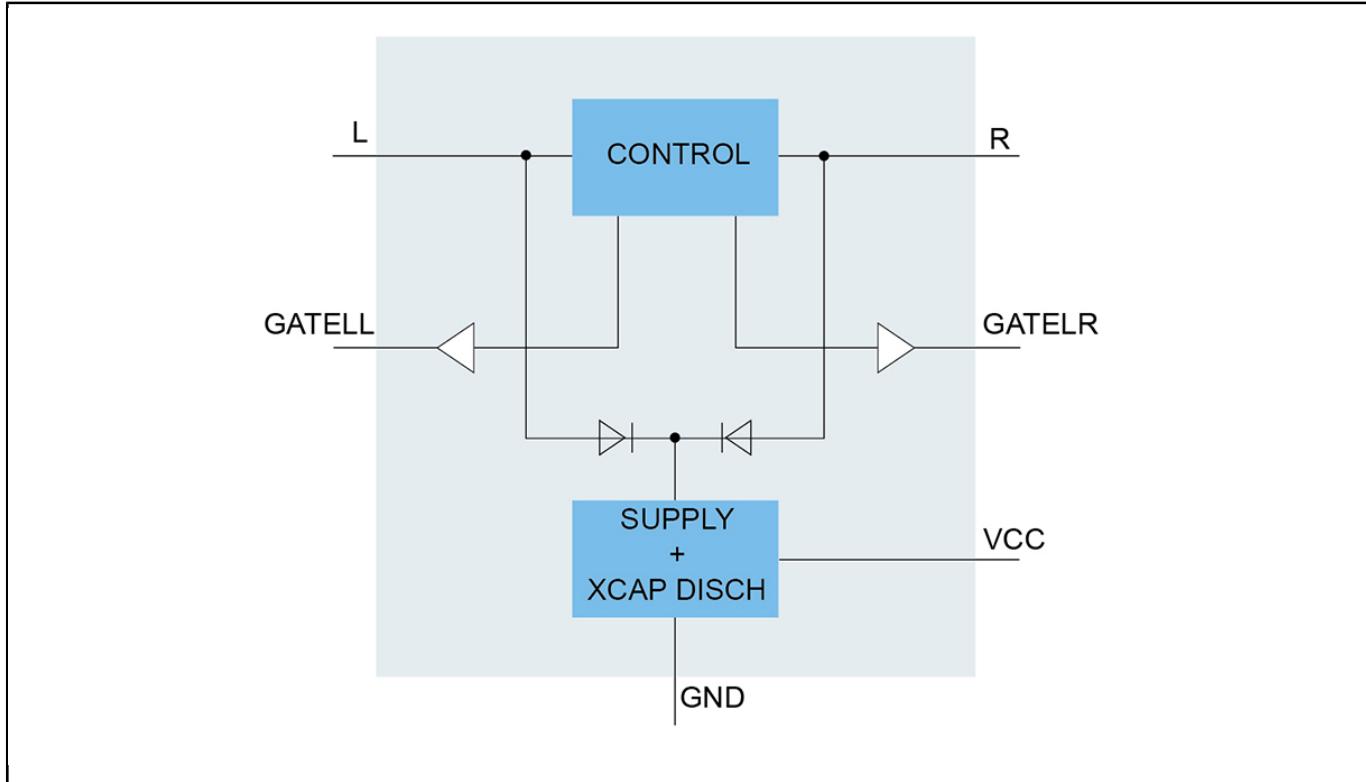
The TEA2206T is an active bridge rectifier controller for replacing the two low-side diodes in the traditional diode bridge with MOSFETs.

Using the TEA2206T with low-ohmic high-voltage external MOSFETs significantly improves the efficiency of the power converter as the typical rectifier-diode forward-conduction losses are reduced by 50 %. Efficiency can improve up to about 0.7 % at 90 V (AC) mains voltage.

The TEA2206T is fabricated in a silicon-on-insulator (SOI) process.

For additional information and sample availability, contact your local [sales office](#).

## TEA2206T Block Diagram



[View additional information for Active Bridge Rectifier Controller.](#)

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

---

[www.nxp.com](http://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.