# Active Bridge Rectifier Controller

## TEA2206T

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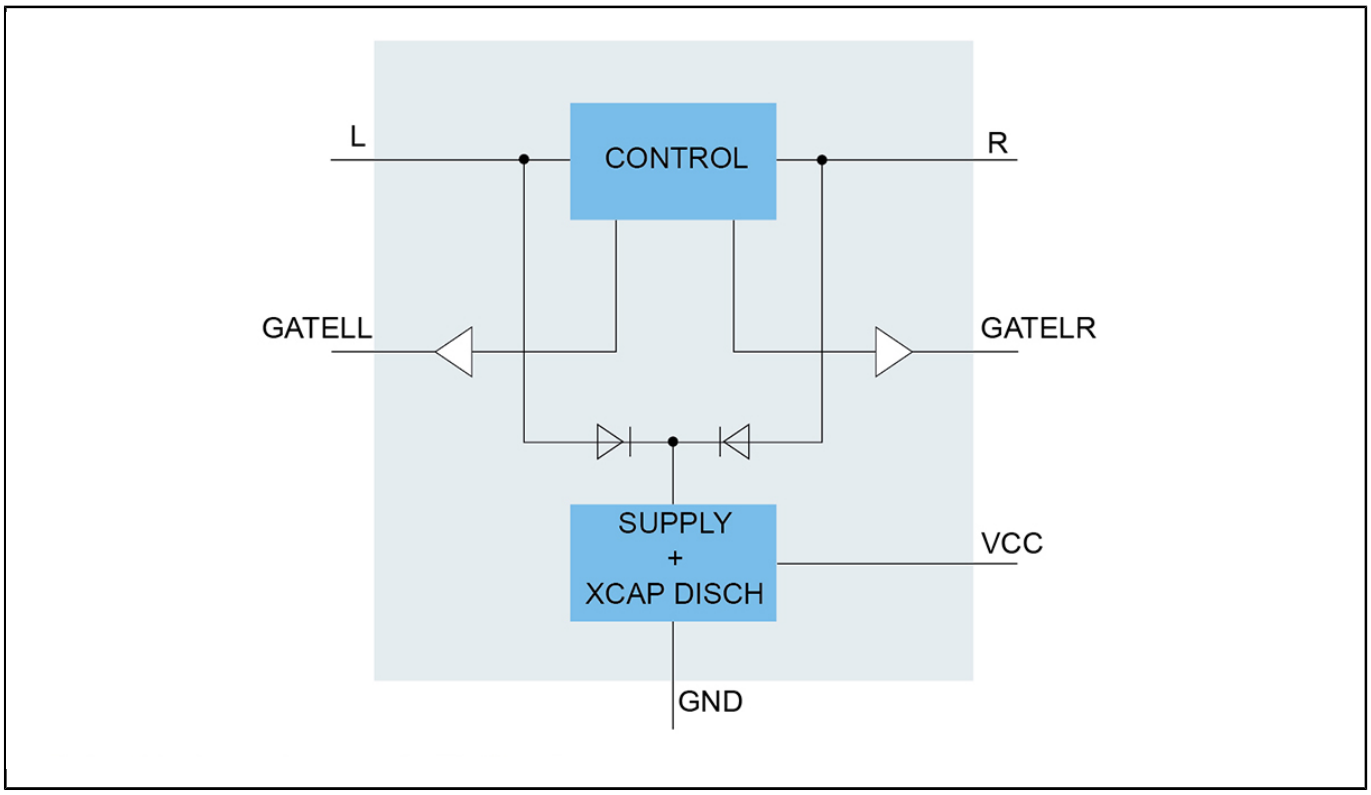
The TEA2206T is an active bridge rectifier controller for replacing the two low-side diodes in the traditional diode bridge with MOSFETs.

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.

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