Active Bridge Rectifier Controller

TEA2209T

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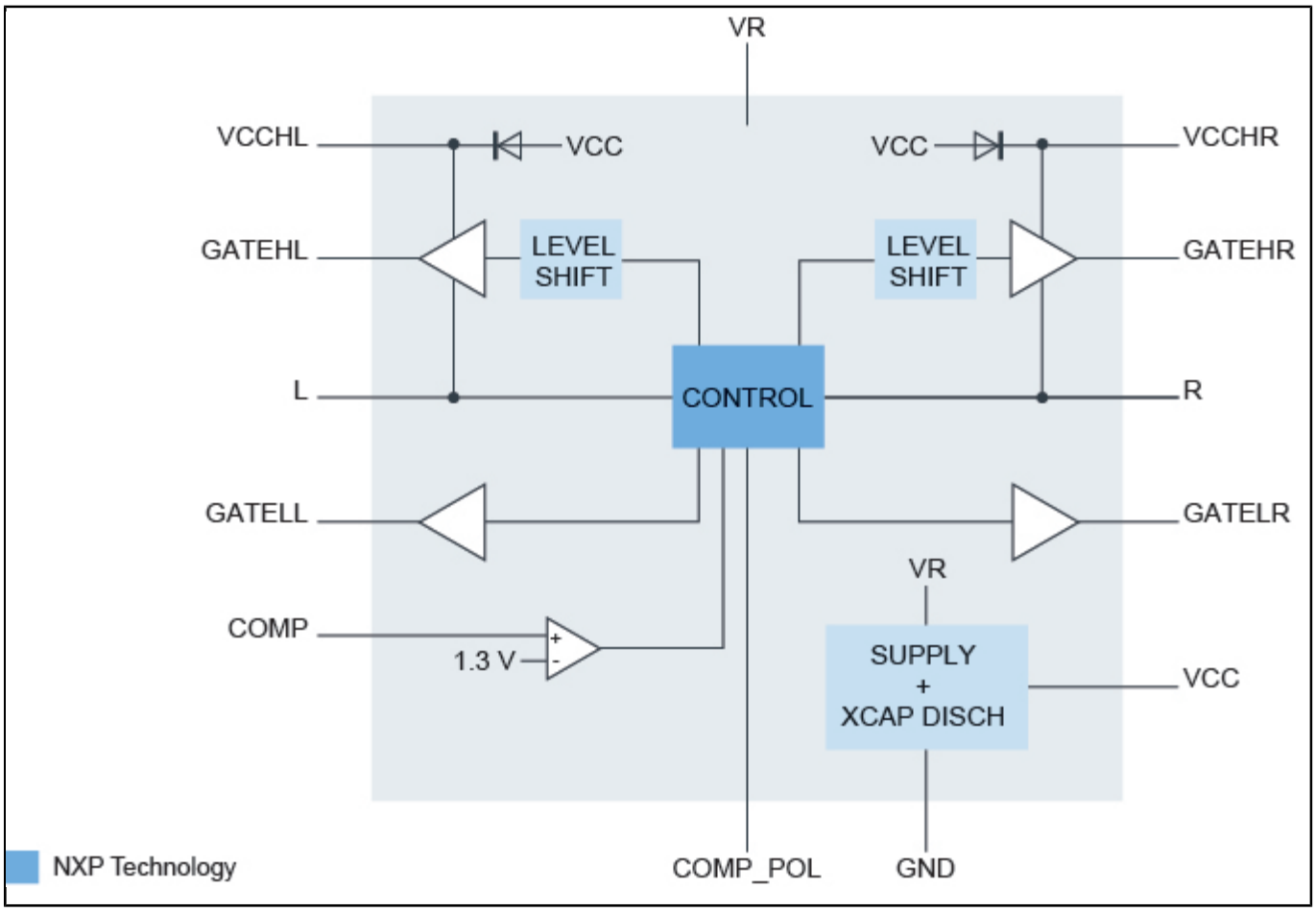
The TEA2209T is a product of a new generation of active bridge rectifier controllers replacing the traditional diode bridge.

Using the TEA2209T with low-ohmic high-voltage external MOSFETs significantly improves the efficiency of the power converter as the typical rectifier diode-forward conduction losses are eliminated. Efficiency can improve up to about 1.4 % at 90 V (AC) mains voltage.

The TEA2209T is designed in a silicon-on insulator (SOI) process.

For additional information and sample availability, contact your local sales office.

TEA2209T Block Diagram



View additional information for Active Bridge Rectifier Controller.

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