



GreenChip Synchronous Rectifier Controller

TEA1999TS

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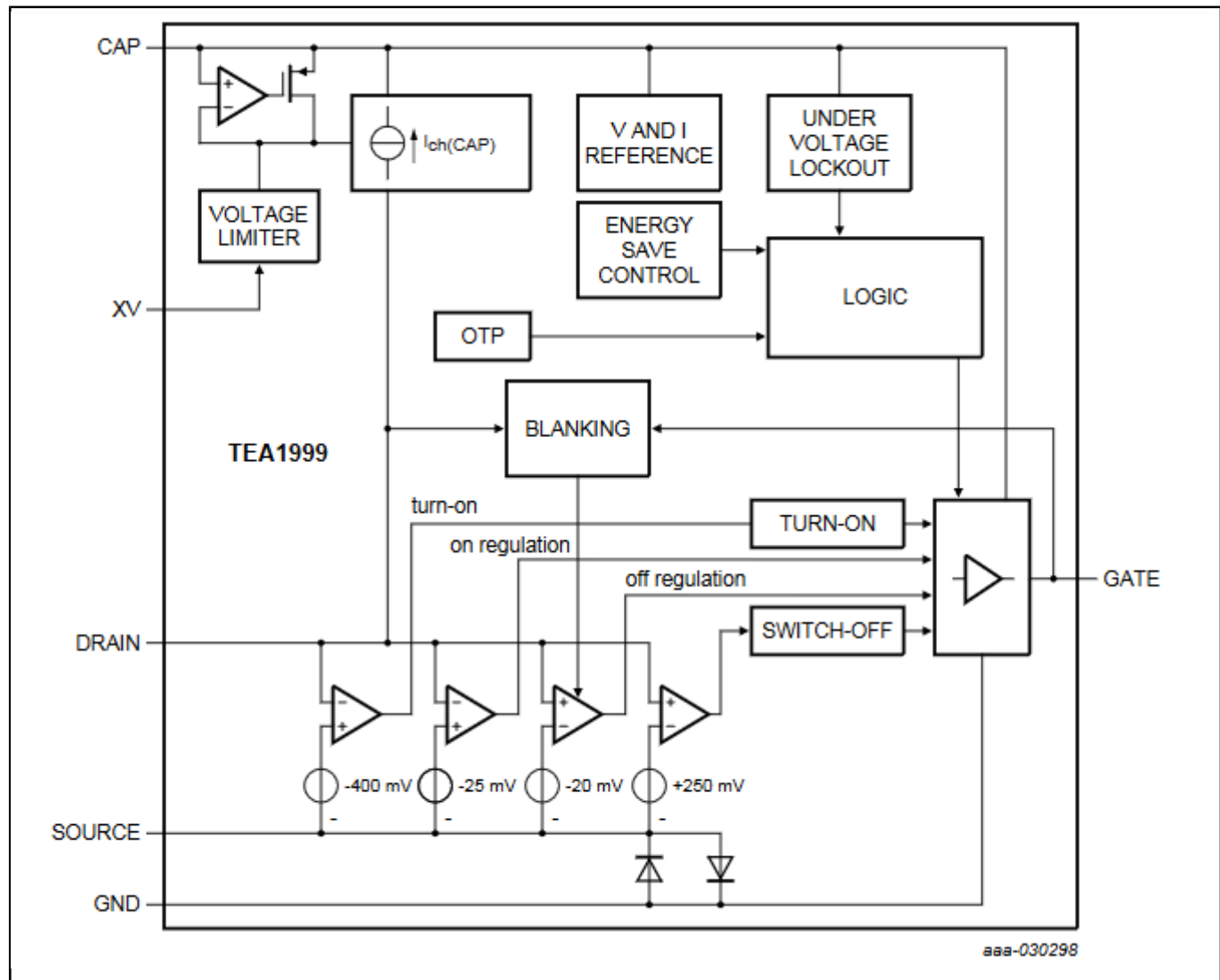
The TEA1999TS is a member of a new generation of Synchronous Rectifier (SR) controller ICs for switched mode power supplies with adaptive gate drive for maximum efficiency at any load.

The TEA1999TS is a dedicated controller IC for synchronous rectification on the secondary side of flyback converters. It incorporates the sensing stage and driver stage for driving the SR MOSFET, which is rectifying the output of the secondary transformer winding.

The TEA1999TS can generate its own supply voltage for battery charging applications with low output voltage or for applications with high-side rectification.

The TEA1999TS is fabricated in a Silicon-On-Insulator (SOI) process.

TEA1999TS Block diagram Block Diagram



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