PFC Controller

TEA19162HT

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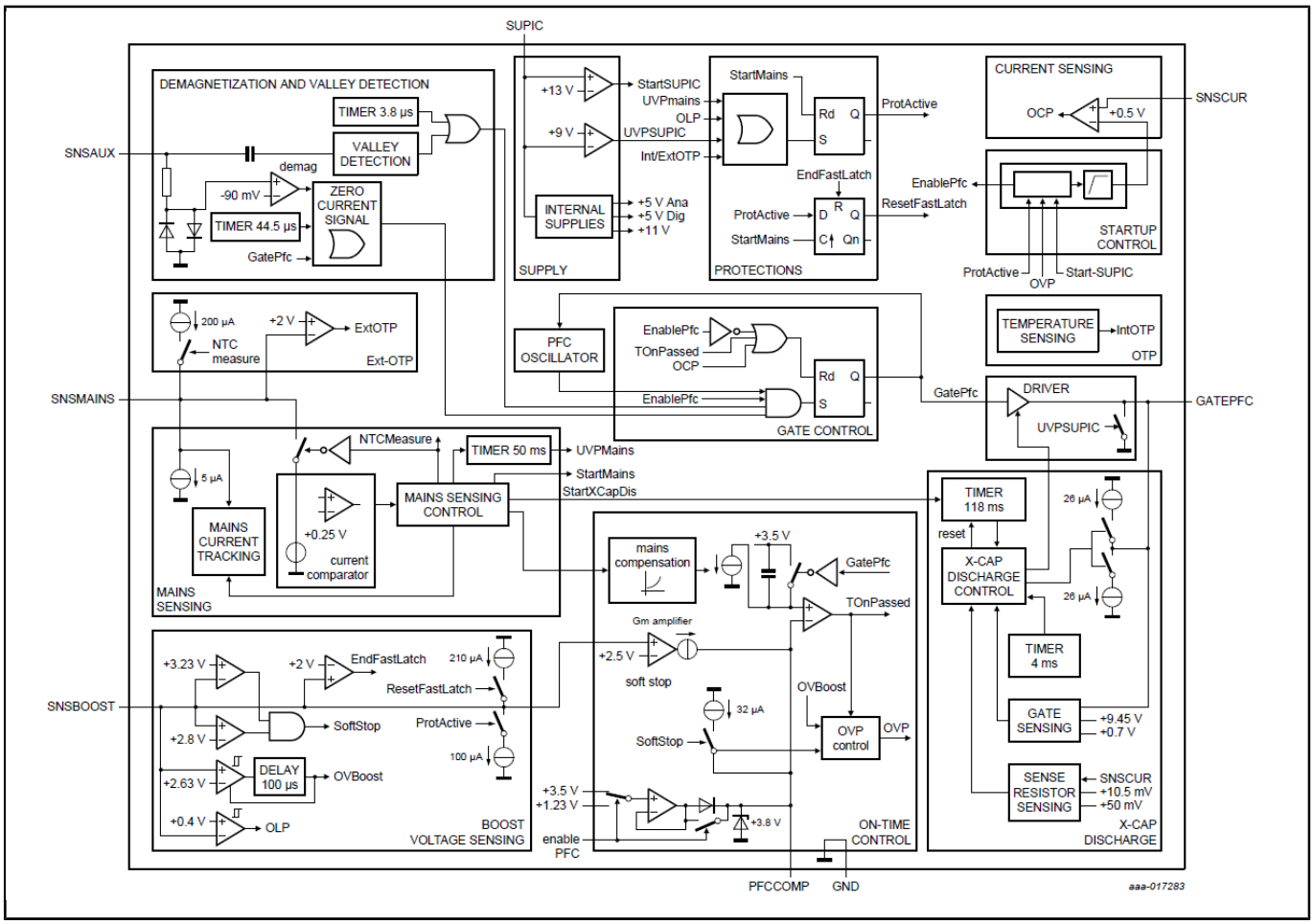
The TEA19162HT and TEA19161T are a combined controller (combo) ICs for resonant topologies including PFC. They provide high-efficiency at all power levels. Together with the TEA1995T dual LLC resonant SR controller, a cost-effective resonant power supply can be built. This power supply meets the efficiency regulations of Energy Star, the Department of Energy (DoE), the Eco-design Directive of the European Union, the European Code of Conduct, and other guidelines.

The TEA19162HT is a Power Factor Correction (PFC) controller. The IC communicates with theTEA19161T on start-up sequence and protections. It also enables a fast latch reset mechanism. To maximize the overall system efficiency, the TEA19161T allows setting the TEA19162HT PFC to burst mode at a low output power level.

The TEA19162HT/2 is recommended for applications that require high-power factor performance, like energy star 80+ gold, platinum or titanium.

TEA19162 Block diagram Block Diagram



View additional information for PFC Controller.

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