



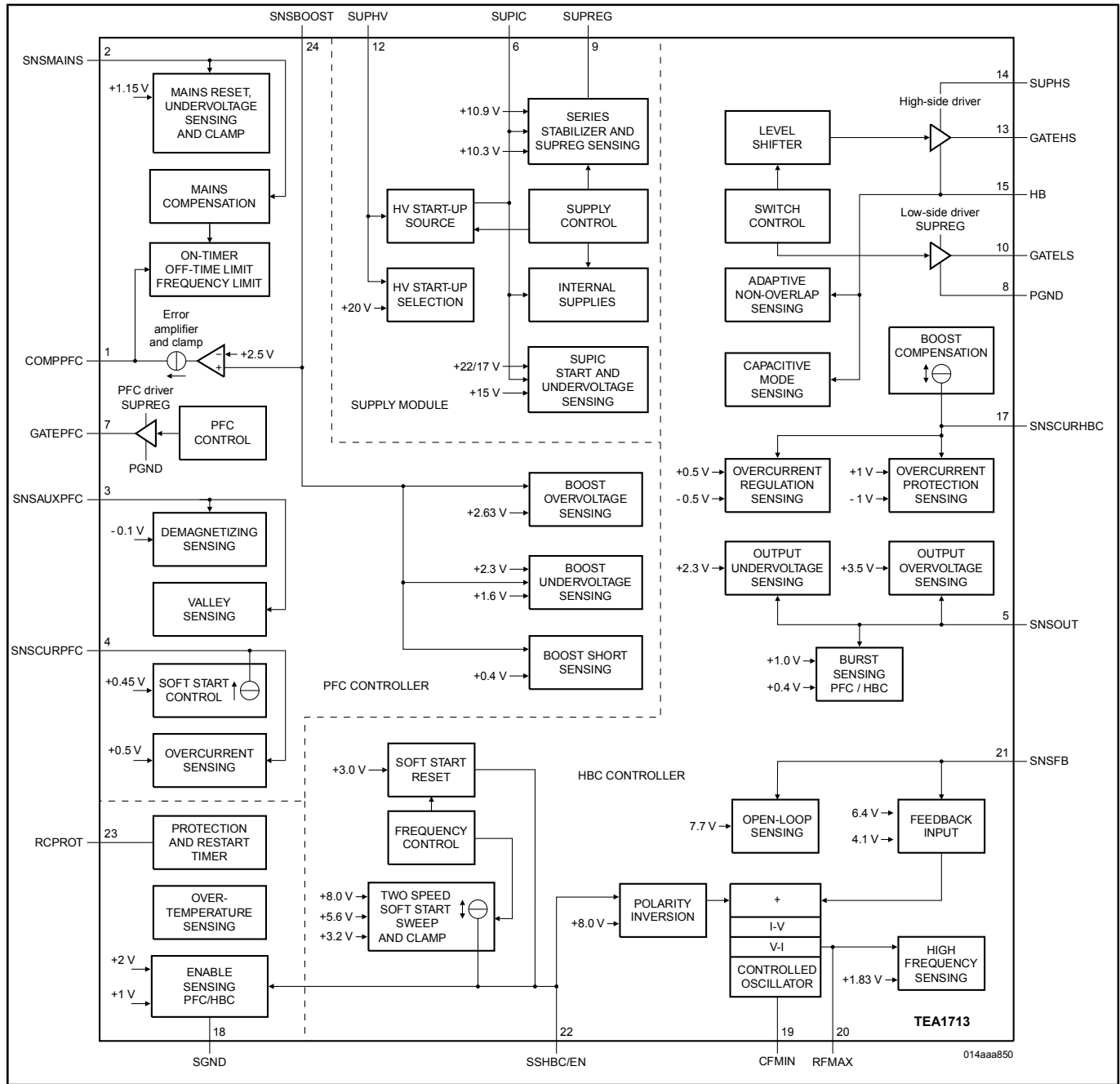
# HV Start-Up Resonant LLC+PFC Combo Controller

## TEA1713T

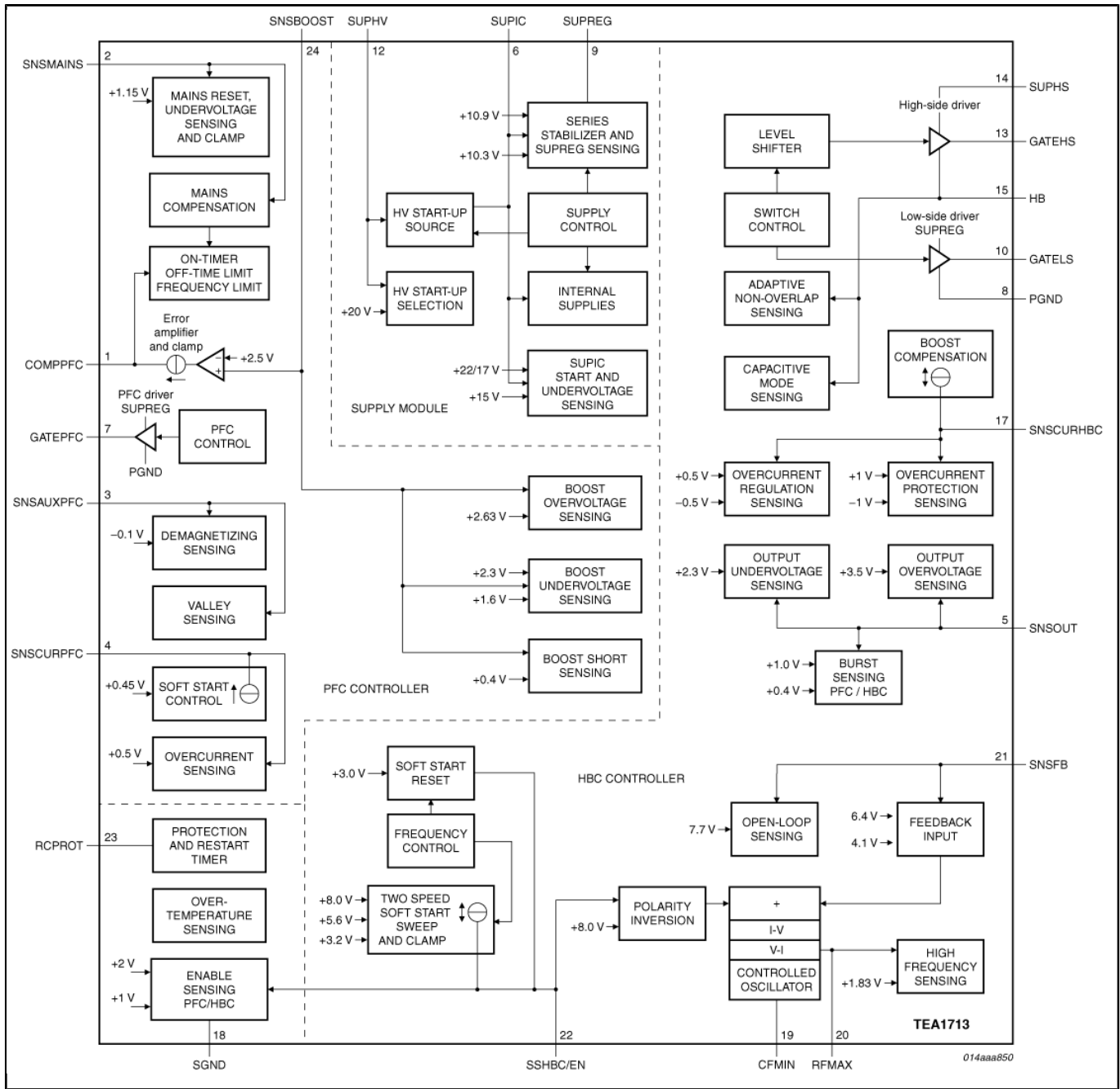
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The TEA1713 integrates a power factor corrector (PFC) controller and a controller for a half-bridge resonant converter (HBC) in a multi-chip IC. It provides the drive function for the discrete MOSFET in an up-converter and for the two discrete power MOSFETs in a resonant half-bridge configuration. Highly efficient and reliable power supplies providing over 100 W can be designed easily using the TEA1713, with a minimum of external components.

# TEA1713T Block Diagram Block Diagram



# TEA1713; Block diagram. Block Diagram



View additional information for [HV Start-Up Resonant LLC+PFC Combo Controller](#).

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

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