



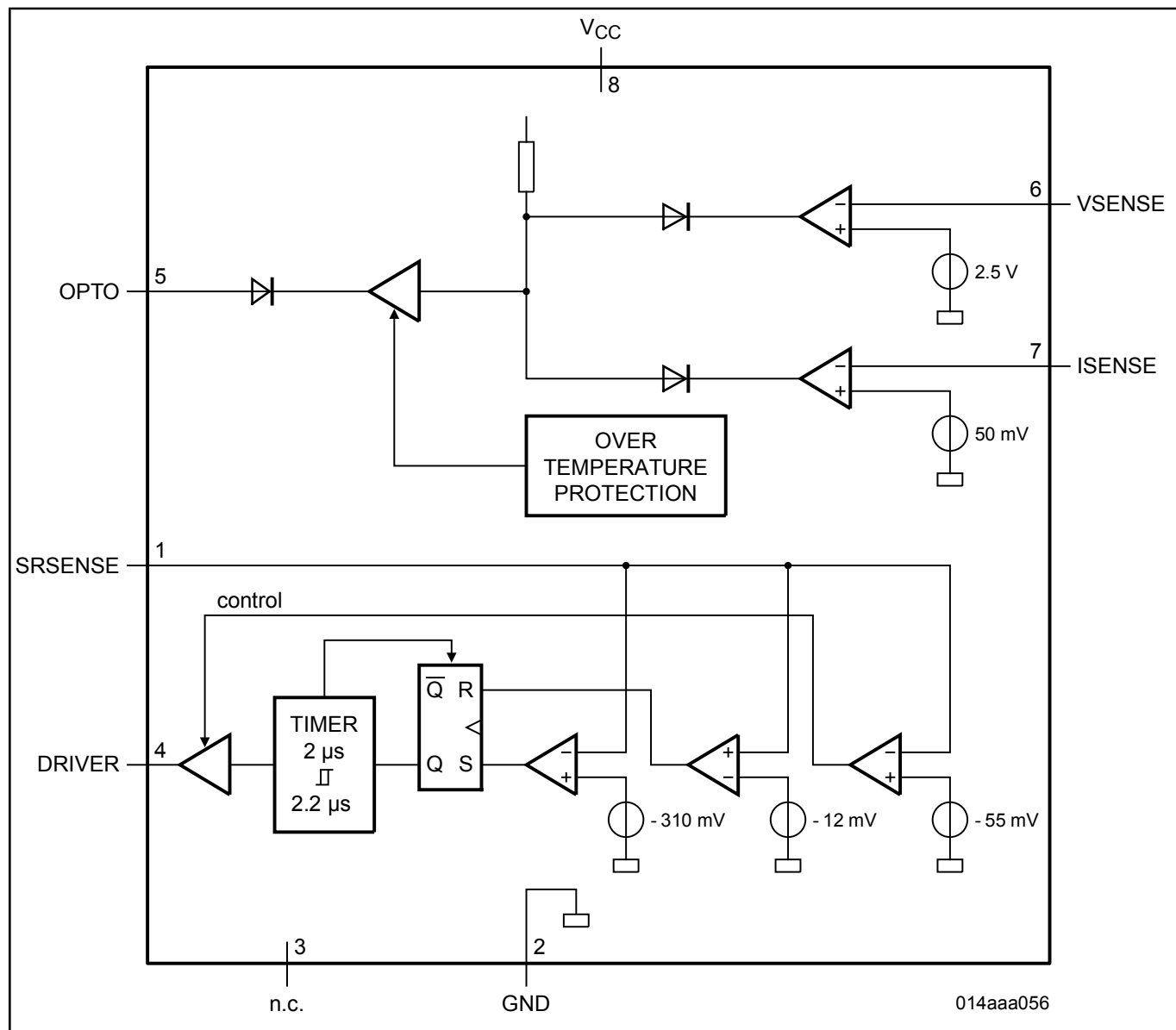
# Synchronous Rectification Controller with Integrated Feedback and Protection

## TEA1761T

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The TEA1761T is a member of the new generation of Synchronous Rectifier (SR) controller ICs for switched mode power supplies. Its high level of integration allows the design of a cost-effective power supply with a very low number of external components. The TEA1761T is a controller IC dedicated for synchronous rectification on the secondary side of discontinuous conduction mode and quasi resonant flyback converters. Besides electronics for synchronous rectification, it also has integrated circuitry for output voltage and output current regulation. The TEA1761T is fabricated in a Silicon On Insulator (SOI) process. This NXP SOI process makes possible a wide range of operation.

## TEA1761T Block Diagram Block Diagram



## Block diagram: TEA1761T Block Diagram

