



TEA2392 GreenChip Synchronous Rectifier Controller

TEA2392 NEW

Active

Last Updated: Mar 30, 2026

The TEA2392 is a member of a new generation of synchronous rectifier (SR) controller ICs for switched mode power supplies. It includes an adaptive gate drive for maximum efficiency at any load.

The TEA2392 is a dedicated controller IC for synchronous rectification on the secondary side of asymmetrical half-bridge (AHB) and standard 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.

This device is fabricated in a silicon-on-insulator (SOI) process and optimized for efficient operation with very low-ohmic MOSFETs and relatively high output voltages.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.