



OptiMOS™ 5 40V and 60V

Enables 96% Efficiency Level in Server Power Supply



Infineon's OptiMOS™ 5 40V and 60V family is optimized for synchronous rectification in Switched Mode Power Supplies (SMPS) such as in servers and desktop PCs. These devices set the highest standards in power density and efficiency and at the same time reduce system costs. OptiMOS™ 5 40V and 60V families are also a perfect choice for a broad range of industrial applications like motor control, solar micro inverter and DC/DC converter like in telecom.



Key features and benefits of OptiMOS™ 5 40V and 60V

- Industry's first 1mΩ 40V and 1.4mΩ 60V products in SuperSO8
- 35% lower $R_{DS(on)}$ and 45% lower FOM than alternative devices
- Highest system efficiency and power density
- Monolithically integrated Schottky like diode for highest efficiency

