



500V CoolMOS™ CE

The new Market Leading Generation of Superjunction MOSFETs



As technology leader in high voltage MOSFETs, Infineon now launches a new generation of high voltage MOSFETs, reaching price driven markets such as PC Silverbox, Consumer and Lighting.

500V CoolMOS™ CE is a price-performance optimized platform enabling to target cost sensitive applications in Consumer and Lighting markets by still meeting highest efficiency standards. The new series provides all benefits of a fast switching Superjunction MOSFET while not sacrificing ease of use and offering the best cost down performance ratio available on the market.

Key features and benefits of 500V CoolMOS™ CE

- Easy control of switching behaviour
- High body diode ruggedness
- Improved light load efficiency
- Outstanding reliability with proven CoolMOS™ quality
- Reduced reverse recovery charge (Q_{rr}) and gate charge (Q_g)
- Price-Performance optimized 500V design



For further information please visit our website:

[www.infineon.com/ce]