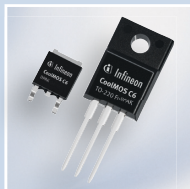




650V CoolMOS™ CFD2

Introduction of new market leading 650V CoolMOS™ technology with integrated fast body diode



With the new 650V CoolMOS™ CFD2 Infineon launches its second generation of its market leading high voltage MOSFET's with integrated fast body diode. This new outstanding product is planned to be the successor of 600V CFD with improved energy efficiency. The softer commutation behavior and therefore better EMI behavior gives this product a clear advantage in comparison with competitor parts.

Key features and benefits of Infineon's 650V CoolMOS™ CFD2

- First 650V technology with integrated fast body diode on the market
- Limited voltage overshoot during hard commutation
- Significant Q_g reduction compared to C3 based CFD technology
- Tighter distribution of typical $R_{ds(on)}$
- Easy to design in
- Lower price compared to C3 based CFD technology

For further information please visit our website:

[www.infineon.com/cfd2]