

# CoolMOS™ CE

## Voltage range

500 V

600 V

650 V

700 V

800 V

## Product family and $R_{DS(on)}$ range

0.19  $\Omega$  – 3  $\Omega$

0.19  $\Omega$  – 3.4  $\Omega$

0.4  $\Omega$  – 1.5  $\Omega$

0.6  $\Omega$  – 2.1  $\Omega$

0.31  $\Omega$  – 2.8  $\Omega$

## Power supply topology and market segment



Adapter/charger  
Quasi-resonant flyback



PC power  
PFC/TTF 80+; PFC/LLC 90+



LCD TV  
LLC half-bridge

LCD TV adapter  
Quasi-resonant flyback



LED retrofit/LED drivers  
PFC/LLC/Non-isolated bulk

LED retrofit/LED drivers  
Quasi-resonant flyback