

CoolMOS™ CE

Voltage range

500 V

600 V

650 V

700 V

800 V

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

0.19 Ω – 3 Ω

0.19 Ω – 3.4 Ω

0.4 Ω – 1.5 Ω

0.6 Ω – 2.1 Ω

0.31 Ω – 2.8 Ω

Power supply topology and market segment

Adapter



Charger



Adapter/charger
Quasi-resonant flyback

PC Power



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

Consumer



LCD TV
LLC half-bridge

LCD TV adapter
Quasi-resonant flyback

LED



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

LED retrofit/LED drivers
Quasi-resonant flyback