

(1)

Characteristic input voltage: 90 ~ 265V full voltage

Output power: 18W

Output voltage: 12V / 9V / 5V

Output current: 1.5A / 2A / 3A

Efficiency: Meet CoC V5-2, 5 points margin

(2)

PD fast charger solution highlights:

Save more than 10 peripherals: no start resistance, no CS detection network, the original secondary side realizes SOP8 power integration;

Meet CoC V5 Tier 2: patented high-voltage start-up to achieve 30mW standby power consumption; the working curve is adaptive with the output voltage, and the average efficiency margin at different output voltages is greater than 4 points

Excellent EMC performance: self-adaptive frequency jitter amplitude improves load; DCM / QR operation mode avoids reverse recovery of secondary rectifier and improves radiation;

3.3 ~ 12V wide output voltage range: PN8161 / PN8307H power supply range is wide, no additional LDO voltage regulation is required;

Protocol chip can be arbitrarily chosen: the solution is easy to meet PD3.0 / QuickCharge 4+

18W PD fast charger solution supports 90 ~ 265V mains input, output voltage range is 3.3-12V, current is 5V / 3A, 9V / 2A, 12V / 1.5A, total output power is 18W, based on PN8161 + PN8307H 18W The USB PD fast charge charger solution has been mass-produced and shipped, and has been highly recognized and supported by the market. It has a fast transfer rate and strong power supply capacity, which effectively solves problems such as fast battery life for mobile phones.