

BP818

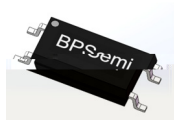
Magnetic Coupler Isolator

Description

The BP818 is a magnetically coupled isolator for communication between primary and secondary power supplies.

The BP818 has two built-in coupling coils and magnetic coupling to provide galvanic isolation. The BP818 offers reliable performance eliminating the disadvantages of traditional optocouplers such as low precision, nonlinear current transfer ratio, as well as limited bandwidth. The BP818 operates without bias current on both primary and secondary sides, which greatly reduces system standby power consumption. In combination with the corresponding primary and secondary control ICs, it can establish a high-performance switching power supply total solution.

The BP818 meets the global safety requirements for reinforced insulation. It utilizes an LSOP-4 package with a creepage distance of 8mm and isolation voltage up to 1000VAC. Certified by UL62368, TUV (IEC62368), CQC (GB4943.1), and VDE (IEC60747) for safety regulations.



LSOP-4 package

Applications

- QC / USB
- Adapters
- AC/DC auxiliary power

BPS Co

Disclaimer

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