

powermat®

Powermat PowerBook: Wireless Charging for Notebooks

Solution Description

Powermat PowerBook Platform provides a 30-45W Qi® based wireless charging solutions for notebooks, laptops, tablets and other mobile fast charging devices. The platform was designed to provide a first in class user experience while maintaining a **low BOM cost, sensitive to the market needs.**

Based on Qi® Extended Power Protocol the PowerBook transmitter enables both Notebook and Smartphone charging on a single transmitter. This duality ensures an **expedited adoption of products at home, in the office and in the public domain.**

About Powermat

Powermat is the wireless charging pioneer and leader, provider of the largest wireless charging ecosystem in the world, and the forefront of inductive wireless charging technology development. Powermat enables OEM providers to offer wireless charging to their customers. Owning the Intellectual Property of essential elements in induction wireless charging, Powermat develops technology that is future-proof and adaptive for the automotive market.

For more information : sales@powermat.com
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Feature Highlights

- **30-40W power transfer** protocol designed as an extension to the Wireless Power Consortium (WPC) Qi® Extended Power Protocol (EPP) Specification
- Support both **Notebooks and Smartphones on single transmitter**
- **Enhanced Foreign Object Detection (FOD)**
- **Freedom of positioning**— Extended freedom of positioning with low cost single coil transmitter design or scalable multi-coil design
- Use of proven **low complexity in-band signaling**
- **Ultra thin receiver** for minimal design impact

