



Power ahead
with portable
performance



Perform at full charge

In today's gadget-driven world, battery longevity is more critical than ever. From smartphones to laptops to personal tablets, every portable device requires a source of power that goes the distance.

With tech-savvy consumers valuing mobility above all else, charging devices must excel on the fronts of power, performance and convenience to meet the demands of end-users.

Optimize your product capabilities with Avnet's suite of portable charging solutions, which brings you a safe, speedy and reliable performance every time.



Delivering optimal performance

Avnet's comprehensive portable charging portfolio leverages the strengths of diverse technologies to help you create the best possible product.

Our wired charging solutions support a wide range of fast charging standards such as Quick Charge and USB Power Delivery, providing the optimal charging speed for your product requirements.

Maximize your consumer reach with our USB Type C-compatible charging platforms, which are compliant with an array of mass market applications that include power cords, flash drives and multiport adapters.

Stay attuned to latest market developments with our wireless offerings that incorporate powerful inductive and resonant charging capabilities by industry leaders such as AirFuel Alliance and Wireless Power Consortium.

From USB systems to wireless transmitters to virtual switches, our portable charging solutions provide the technical platform you need as a foundation for success.

Empowering you with speed and safety

Product sophistication can bring you success in the marketplace.

Tap into our full range of portable charging technologies, designed to equip your products with high-performance technical capabilities.

Our extensive spectrum of charging systems complements upstream applications such as power banks and smartphone chargers, downstream appliances including wireless receivers and computers, and connector devices like cables and adapters.

Stay on the right track with our evaluation boards, solutions reference and demo kits, designed to support the initial phases

of your project development and increase speed to market.

To ensure your product is fully market-ready, our expert technical support provides compliance and pre-test services to help you adhere to stringent regulatory standards for safety and performance.

Our broad design capabilities also enable you to customize solutions that best suit your product demands.

No matter which market segment you pursue, Avnet's services and solutions empower you with the platform you need to succeed.



Improve your output with our suite of solutions

Wired Charging

Enhance the charging capabilities of your products with Avnet's wired charging solutions. Our USB offerings feature latest USB standards such as Power Delivery 2.0/3.0 to provide a wide range of voltage support, while our Quick Charge solutions leverage on the powerful Quick Charge 3.0 technology to allow rapid charging and increased energy efficiency.



Wireless Charging

Incorporating wireless power transfer standards such as Qi and AirFuel, our wireless charging platforms let you deliver power from one device to another efficiently without the use of wires. From inductive to resonant charging, our solutions leverage on different technologies to equip your products with increased mobility and ease of use.



Connect with the right partners

Speed up your time to market with our extensive and connected ecosystem of suppliers that brings you value-added solutions.



| Suppliers | Products | | | | | | | | |
|--------------------------------|-----------------------|---------------|-----------------------------|------------------------------|----------------|------------------------------|---------------------|---------------|----------------|
| | USB Type-C Controller | QC Controller | Wireless Charger Controller | Power (AC/DC, DC/DC, Driver) | Power Discrete | Battery & Battery Management | Connectors & Cables | Passive (LRC) | Clock & Timing |
| Abrakon | | | | | | | | | . |
| Amphenol | | | | | | | . | | |
| AVX | | | | | | | | . | |
| Dialog Semiconductor | . | . | . | . | . | | | | |
| Diodes | . | | | . | . | | | | . |
| Eaton | | | | | | | | . | |
| Elec & Eltek Magnetic Products | | | | | | | | . | |
| Epson | | | | | | | | | . |
| Fresco Logic | . | | | | | | | | |
| GOTREND Technology | | | | | | | | . | |
| GP Batteries | | | | | | . | | | |
| Integrated Device Technology | | | . | . | | | | | . |
| Infineon | | | | . | . | | | | |
| KEMET | | | | | | | | . | |
| Maxim Integrated | | | | . | . | | | | . |
| Microchip | . | | . | . | | . | | | |
| Molex | | | | | | | . | | |
| MPS | | . | | . | . | | | | |
| Nexperia | | | | | . | | | | |
| Nordic Semiconductor | | | . | | | | | | |
| NXP | . | . | . | . | . | | | | |
| ON Semiconductor | . | . | | . | . | . | | | . |
| Panasonic | | | | | | . | . | . | |
| Power Integrations | | . | | . | . | | | | |
| Renesas | . | | | . | . | . | | | |
| ROHM | . | | . | . | . | . | | | |
| Silergy | | | | . | . | | | | |
| STMicroelectronics | . | | . | . | . | | | | |
| Tai-Saw Technology | | | | | | | | | . |
| TE Connectivity | | | | | | | . | | |
| Texas Instruments | . | . | . | . | . | . | | | . |
| Toshiba | | | . | . | . | | | | |
| Vicor | | | | . | . | | | | |
| Vishay | | | | . | . | | | . | |



Your conduit to success

With our comprehensive design, technological and supply chain capabilities, Avnet supports you at each stage of your product's lifecycle.

Harnessing our industry experience and professional expertise, we bring your ideas to reality, powering your success in the market.

From idea to design, prototype to production, Reach Further with Avnet.

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