

Benefits that Far Exceed the Cost of Membership

Membership in PSMA provides many important and valuable benefits. The value to you and your company in the engagement with industry leaders in the work of the association is priceless. But beyond that, membership has immediate, tangible value by

offering special discounts on PSMA-produced industry reports, reprints of important technical texts and attendance at our flagship event – the Applied Power Electronics Conference (APEC), as well as other PSMA sponsored activities.

PSMA Technology Reports

PSMA-produced technology reports, valued at thousands of dollars, are offered to members at dramatically reduced cost. Acquiring just one of these reports can more than pay for the cost of membership. Here are just two important examples:



2017 Power Technology Roadmap

The 2107 Edition includes hard copy and digital (flash drive) copies of presentations from end-users, power supply manufacturers, component suppliers, consultants and academia. This 10th edition

Roadmap provides an outlook on technology trends in power conversion through the year 2021.

Price: \$2,790 Member Price: Free*



3D Power Packaging Phase III - with Focus on Embedded Passive Component and Substrate Technologies

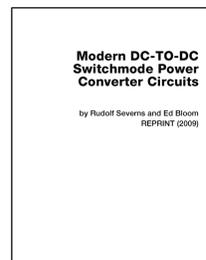
Phase 3 report on 3D packaging of power sources focuses on passive and substrate technologies. Emerging

nanomaterials and processes are described for inductors, capacitors and resistors. Key enabling building-blocks are described for each technology. The manufacturing challenges are also highlighted. Roadmaps are projected for passive component advances and active embedding technologies.

Price: \$3,490 Member Price: Free*

PSMA CLASSIC REPRINTS

With permission of the authors, PSMA has republished a collection of out-of-print classic texts dealing with fundamental power electronics technologies. These texts are available to members at up to 50% discount from the retail price. Here's just one example:



Modern DC-TO-DC Switchmode Power Converter Circuits by Rudolf Severns and Ed Bloom - REPRINT (2009)

This book focuses on the fundamental behavior and characteristics of switch-mode

power converters and on the relative merits of many popular topologies.

Price: \$150 Member Price: \$100

APEC CONFERENCE MEMBER DISCOUNTS

PSMA is a co-sponsor of the Premier Global Event in Power Electronics™. All employees of PSMA member companies qualify for member discounts for the conference's technical sessions and seminars. **Member discounts are also offered for other PSMA-sponsored workshops and symposia**, including International Workshop on Power Supply On Chip (PwrSoC), International Symposium on 3D Power Electronics Integration and Manufacturing (3D-PEIM) and Workshop on Wide Bandgap Power Devices and Applications (WiPDA).

* Regular and Associate Members receive one copy of all new PSMA publications and reports, with discounts for additional copies. Affiliate Members can also purchase these publications at the member discount.

Technical Committees and Forums - The Lifeblood of PSMA Membership

Participation in one or more of the PSMA technical committees and forums offers the unique opportunity for members to collaborate on key topics of critical interest to our industry. Technical

forums and committees are where the real work of PSMA is done. Your knowledge advances this work and you benefit from interacting with others in a network of industry leaders and influencers.



CAPACITOR COMMITTEE AND FORUM

The Capacitor Committee is a group of volunteers knowledgeable about capacitors and power electronics. Members include people from capacitor makers, the power electronics industry and leading consultants. The committee is involved in capacitor design papers, education and design tools.



ENERGY HARVESTING COMMITTEE AND FORUM

The mission of the Energy Harvesting Committee is the development of an ecosystem that provides subject matter expertise and direction on adoption and integration of energy harvesting and related energy storage, conversion and efficiency technologies.



ENERGY MANAGEMENT COMMITTEE AND FORUM

The Energy Management Technical Committee supports manufacturers, government agencies and standards organizations with education, support and recommendations in matters regarding the energy efficiency of power supplies and system power architectures with, as a primary goal, the establishment of a consistent global standard for energy efficiency.



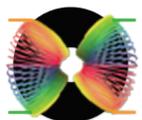
INDUSTRY-EDUCATION COMMITTEE AND FORUM

The Industry-Education Committee promotes and works to improve the communication between industry and educational institutions, to foster awareness and interest in power electronics conversion and control among our youth and to identify the long term strategic issues of common interest to industry and education.



MARKETING COMMITTEE

The PSMA Marketing Committee has, as its primary purpose, the role of publicizing the activities of the association and promoting membership. In addition, the Marketing Committee works to inform industrial, educational and governmental institutions regarding advances in power electronics.



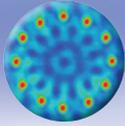
MAGNETICS COMMITTEE AND FORUM

The Magnetics Committee members include people from power supply companies, wound components producers, core manufacturers and leading consultants. The committee is involved in republishing classic textbooks, making fundamental design papers available and offering education and design tools.



MANUFACTURING FORUM

The Manufacturing Forum facilitates the development and free exchange of manufacturing related knowledge and technologies to the global power-supply value chain. It fosters the continuous improvement and global competitiveness of PSMA member companies through this knowledge exchange.



NANOTECHNOLOGY FORUM

The purpose of the Nanotechnology Forum is to foster and promote the understanding of all aspects of science and technology where dimensions are between 1 nanometer (nm) to 100 nanometers (nm) as it pertains to all types of power sources and conversion devices.



POWER ELECTRONICS PACKAGING COMMITTEE AND FORUM

The Power Electronics Packaging Committee provides information and resources on power packaging within the power sources industry. The committee recently produced a definitive two-part study of technology and techniques in use in 3D packaging.



POWER TECHNOLOGY ROADMAP COMMITTEE AND FORUM

The Power Technology Roadmap provides a consolidated outlook of trends in power conversion technology for the next two to five years. The trends provided in the report are intended to give a broad outlook of the power conversion technologies, components and applications.



RELIABILITY COMMITTEE AND FORUM

The Reliability Committee aims to spearhead industry initiatives to identify and attempt to solve the pertinent industry challenges related to the reliability and performance of power supplies and associated products. Its scope includes anything that impacts the life and desired application of a power supply.



SAFETY AND COMPLIANCE COMMITTEE AND FORUM

The mission of the Safety and Compliance Committee is to provide subject matter expertise and information resources, supported with ongoing communications to our constituents, on safety and compliance issues pertaining to power electronics and power conversion.



SEMICONDUCTOR COMMITTEE AND FORUM

The Semiconductor Committee provides an overview of the semiconductor technology and their use in power converters. The committee periodically updates the status, trends and issues that affect the use of semiconductors in power supplies.



TRANSPORTATION POWER ELECTRONICS COMMITTEE AND FORUM

The Transportation Power Electronics Committee covers a broad array of topics applicable to successful expansion of power content in electric drive and hybrid electric vehicles, including packaging, components, energy storage, power distribution, power conversion and motor drives.

PSMA-Sponsored APEC Industry Sessions

Integral to the annual Applied Power Electronics Conference are the Industry Sessions. These sessions provide a forum for industry experts to discuss their latest developments in products and technology. Many of these theme-focused application sessions are developed and produced by PSMA technical committees.

PSMA Membership Benefits

By joining with other leaders in the Industry, your company will have a greater voice and influence on the directions of the Power Sources Industry.

- **NETWORKING:** The opportunity to meet and interact with your counterparts in other companies on an on-going basis.
- **VALUABLE INFORMATION:** Members enjoy access to information in the Members Only area of the Web site.
- **INVOLVEMENT:** The opportunity to be involved with the planning and managing of APEC — Applied Power Electronics Conference — sessions that focus on the specific interest of members, in addition to organizing technical workshops and symposiums.
- **PARTICIPATION:** Participate in committees, workgroups and studies to derive a better understanding of market trends, industry trends and better operational procedures to improve performance.
- **DISCOUNTS:** Receive discounts on registration fees for attending APEC and other PSMA-sponsored events.
- **FINDING TRENDS:** Increase awareness and knowledge of trends and factors that can impact your company.
- **COMPANY PROFILE:** Listing of your company's profile on the PSMA website with a hyperlink directly to your company website.
- **PSMA PUBLICATIONS:** Regular and Associate members receive one copy of all new PSMA publications and reports with discounts for additional copies. Affiliate members may purchase the publications and reports at the member discount price.
- **BENCHMARKING:** Improve the operation of your company by participating in benchmarking studies with other companies in your industry.
- **PSMA NEWSLETTER:** Receive "Update," the quarterly newsletter of the PSMA, with information on activities in the industry and upcoming events. You may also contribute articles for publication in the "Update."
- **MEMBER COMPANY SPOTLIGHT BANNER:** Feature your company's products on the PSMA Home Page.

Joining PSMA

Regular Members — Manufacturers of power sources and conversion equipment.

- Annual Dues \$650 - \$2,250 (based on power-related revenues)

Associate Members — Users of power sources and conversion equipment, or manufacturers of components designed for incorporation into power sources and conversion equipment.

- Annual Dues \$600

Affiliate Members — Organizations involved in the power industry, including Manufacturer's Representatives, Distributors, Advertising, Marketing, Consulting, Publications.

- Annual Dues \$125

Affiliate - Education Members — Individuals, Universities and other organizations involved in education or instruction in power subjects.

- Annual Dues \$125, Dues may be waived for qualified persons, institutions or companies.

Learn more and fill out a membership application at
<http://www.psm.com/membership/joining-information>