

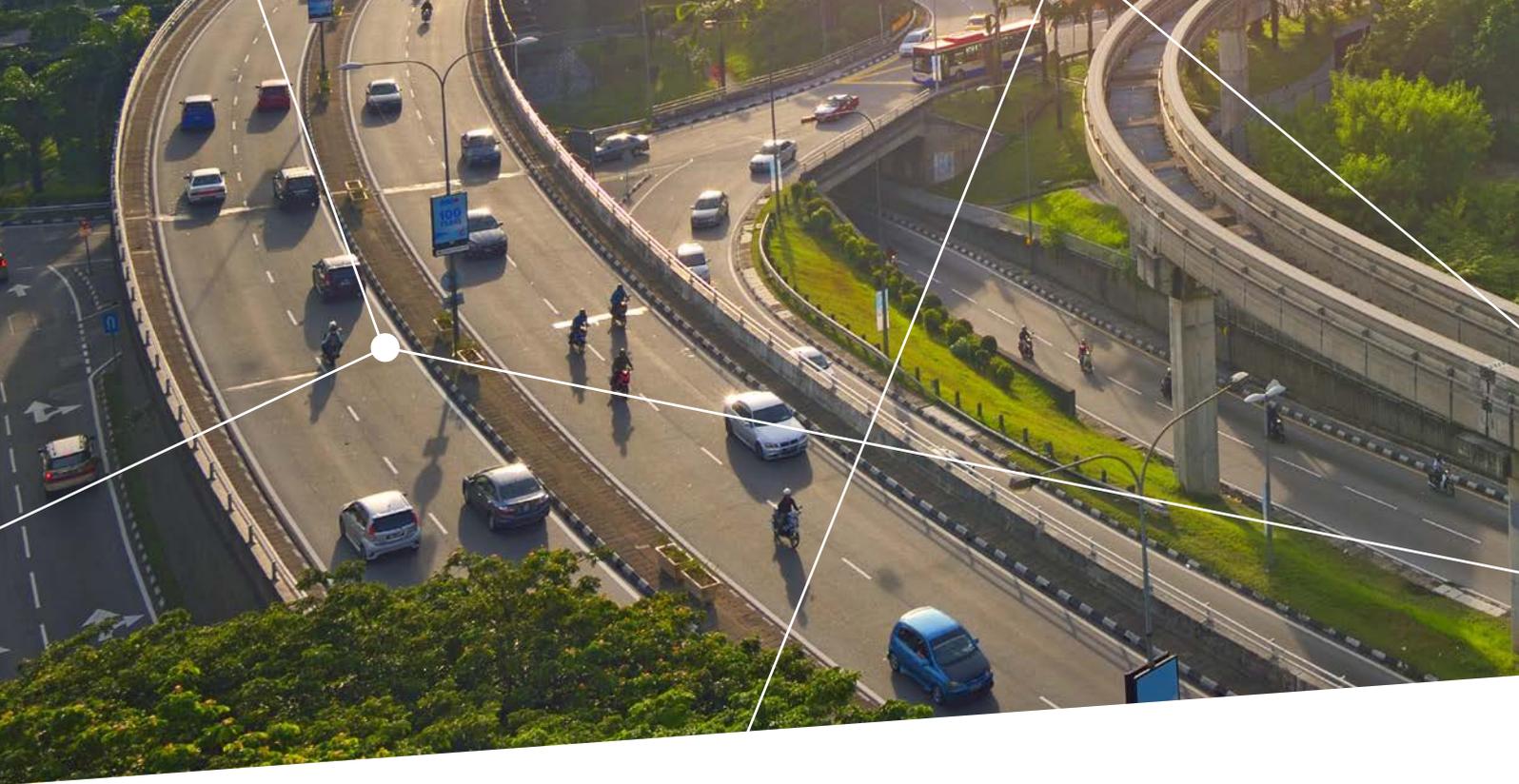


Infineon Industrial Power Partner Network (IIPPN)

Teaming up with our industrial power partners to
the benefit of our customers

www.infineon.com/cms/en/partner-network/





Spiraling global demand for energy

Demand for energy is expanding rapidly worldwide – fueled by a fast-growing global population with rising adoption of digital lifestyles. But demand for energy is not just escalating in increasingly networked smart homes and connected cars.

In industry too, smart factories are rapidly redefining the manufacturing landscape. Powered by smart semiconductors from companies such as Infineon, these factories are connecting more and more machines and devices as they integrate manufacturers with suppliers, partners and consumers. Known as Industry 4.0 in Germany, this smart factory trend promises huge productivity and flexibility gains across the entire value chain – but 24x7 connectivity is also a power drain.



Motor control & drives



Wind energy systems



Solar energy systems



Power supplies



Home appliances



Commercial and agricultural vehicles



Traction



Meeting today's energy challenges

One of the biggest challenges facing society today and into the future lies in meeting this rising energy demand without placing an even greater burden on our planet and climate. There are two ways to achieve this. The first is by increasing energy efficiency. In other words, reducing the energy consumption of the machines, devices and appliances we use today. And the other is by optimizing the way we generate, transmit and consume power to minimize energy losses.

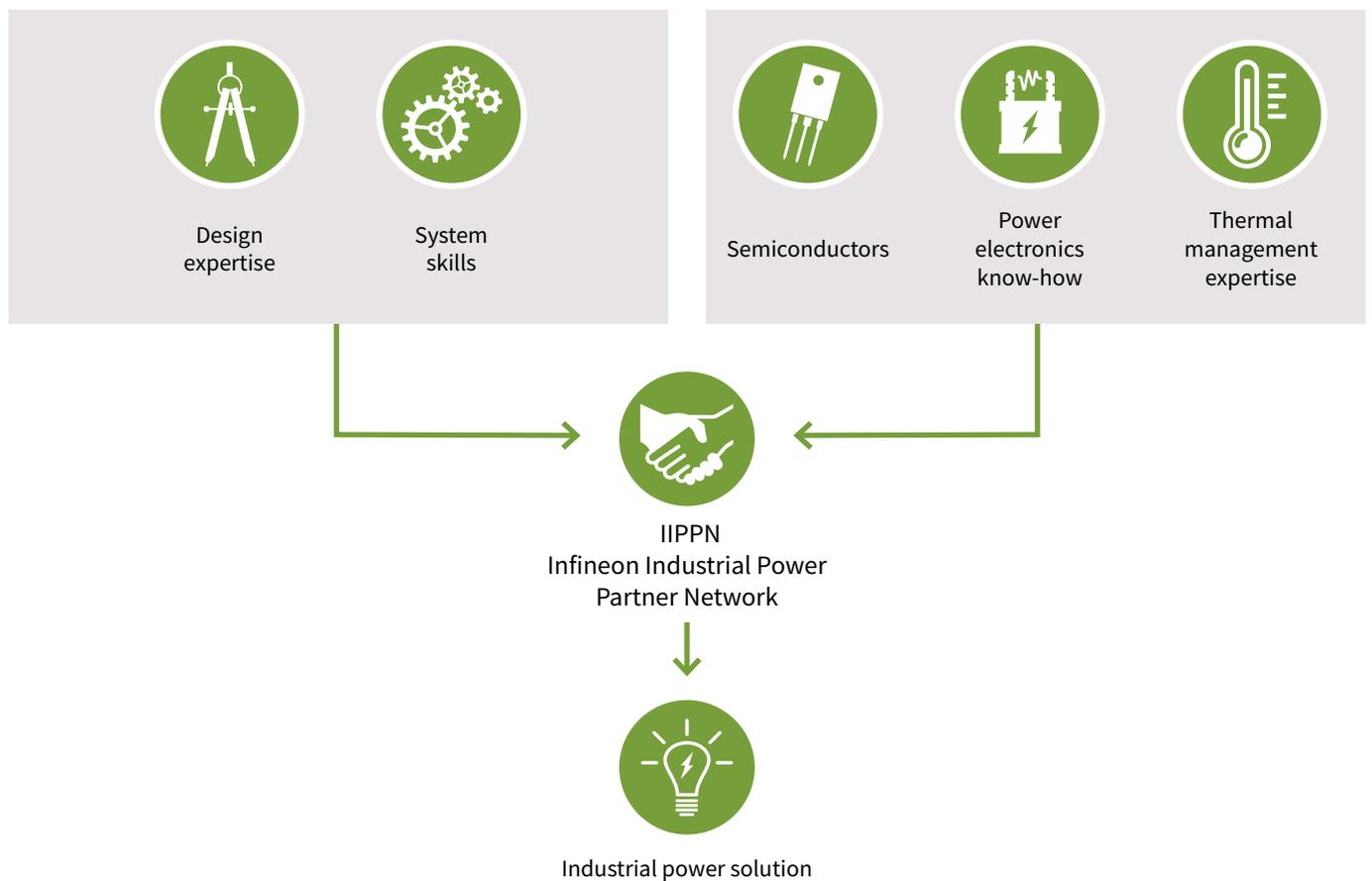
Across a wide application spectrum in industry, infrastructure and the home, our intelligent semiconductor solutions are already helping to reduce energy consumption by making appliances and devices more energy efficient. At the same time, our industrial power chips and modules are being used to generate, transmit and use electricity efficiently – with virtually no losses. A broad spectrum of high-current applications – from washing machines through industrial drives to rail vehicles and off-shore wind parks – rely today on our industrial power control products. Looking beyond energy consumption, our power semiconductors also play a defining role in optimizing the efficiency, size, weight and cost of our customers' products and systems.

Our Competencies

Electric power needs to be generated, transmitted to the consumer and then converted. Each of these steps has to be carried out as efficiently as possible, using the appropriate high- and maximum-performance IGBT components. The Industrial Power Control segment offers a comprehensive array of products for this purpose, consisting of discrete IGBT devices, IGBT modules, IGBT stacks, as well as driver ICs and driver boards for controlling IGBT modules. These products enable us to cover almost the entire power range from a few hundred watts to several megawatts.



System partner





Networking for success in industrial power

We created the Infineon Industrial Power Partner Network (IIPPN) to simplify and accelerate the development and delivery of integrated, energy-efficient industrial power solutions tailored to an expanding application spectrum. The IIPPN acts as a hub, bundling our vast semiconductor offering with the design expertise of our power partners. Reflecting our conviction that strong partnerships and synergized networks are the best way to overcome today's energy challenges, IIPPN is a dynamic platform.

IIPPN aims to

- › Synergize our industrial power control offering and energy efficiency expertise with the system skills of our partners
- › Develop new use case scenarios for industrial power
- › Constantly expand the library of reference designs from our system partners
- › Foster interactive dialog among all market players
- › Support our customers with instant access to integrated solutions for specific use cases

Benefits at a glance

The reference designs are published on our IIPPN website, giving customers the chance to contact our system partners directly. This offers our customers a range of compelling benefits:

- › Instant access to use case reference designs
- › Professional support and marketing services
- › Active design-in support and dialog with Infineon and our system partners
- › Integrated solutions built on state-of-the-art, proven technologies of the highest quality from Infineon
- › Broad target application spectrum spanning motor control and drives, traction, wind and solar energy, commercial systems, construction and agricultural vehicles (CAV) and uninterruptible power supplies (UPS)

Get connected!

IIPPN creates an ecosystem of trustworthy partners with proven industry experience. If you can answer YES to any of the following questions, it's the place for you to be:

- › Do you want to incorporate our products and solutions into a reference design with a use case example?
- › Do you develop customized solutions backed by consultancy services?
- › Do you want to quickly reach customers interested in this use case?
- › Would you like to give your customers single-click access to your use case?

- › Are you looking to differentiate and/or round out your offering with energy-efficient industrial power products from Infineon?
- › Are you interested in innovative financing and leasing models to market our products?
- › Do you have the know-how to expand our target industries?

IIPPN can empower you to differentiate your solution offering, frame your consulting and design-in expertise and reach new customers quickly and effectively.



Join today

If you are interested in joining and expanding IIPPN – possibly also with new target applications – please contact your local Infineon representative today. We look forward to hearing from you.

The Infineon logo, featuring the word "infineon" in a blue, lowercase, sans-serif font, with a red swoosh underline that starts under the 'i' and ends under the 'n'.

Industrial
Power
Partner



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