Standardization at Infineon

We lead it, we live by it, we win with it

Bridging the Gap between Innovation and Actual Change



Sure, breakthrough ideas and research are at the core of a tech company's DNA, but innovation alone is not enough. **Standards are the essential tool** to turn that innovation into impact. They ensure that technologies are:

- Interoperable across systems and vendors
- Safe, secure, and reliable
- Scalable from lab to global market
- Sustainable over long product lifecycles

…And as such, they can be trusted and widely adopted, finally enabling us to deliver actual change in the real world.

Semiconductors + Standardization = Future

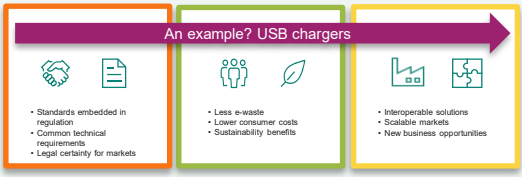
Semiconductors are at the heart of today's biggest challenges: climate change, energy efficiency, mobility, and digital transformation.
They are the invisible enablers that turn ideas into scalable, secure, and sustainable technologies, and therefore they go hand in hand with standards.

At Infineon, **we actively drive, participate in and observe the activities of almost 100 standardization organizations**, with a strong focus in decarbonization and digitalization. As a global leader in automotive, power systems and IoT, we enable:

- Green and efficient energy – from renewable generation to smart grids
- Clean and safe mobility – electrification, automation, and functional safety
- Smart and secure IoT – connecting the physical and digital world responsibly

Our engagement help make life easier, safer, and greener - together with customers, partners, and the global ecosystem.

For a better tomorrow.



It's More than Just Technical Work

Standardization is a **strategic tool** that shapes markets, secures long-term investments, and influences global competition.

Its impact goes beyond individual products, with clear **economic and geopolitical implications**.

This is why Infineon centrally orchestrates its standardization activities: to align technology leadership, business strategy, and acknowledge global market requirements.

By coordinating engagement across standards bodies and ecosystems, we ensure that innovation translates into interoperable, safe, and globally competitive solutions.

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Some Examples where Infineon is Active

…And plenty more!

+ Relevant Leading Roles of Infineon:

- IEC TC47 – Alternate Head of German Delegation
- IEC TC47 WG6, 7 – German Delegate
- IEC SC47A – German Delegate + Chair
- IEC SC47D WG1, 2, 3 – German Delegate
- IEC SC47E WG1, 2, 3 – German Delegate
- IEC SC47F – German Delegate + Convenor
- JEDEC – Board Member
- SEMI – EU Board Member
- CENELEC TC47X – Chair
- DKE 631 – Stellvertretender Obmann
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