



Automotive RISC-V Ecosystem Summit 2025

Keynote

Jochen Hanebeck, CEO
24 July 2025



Semiconductors are essential for the green and digital transformation



Decarbonization



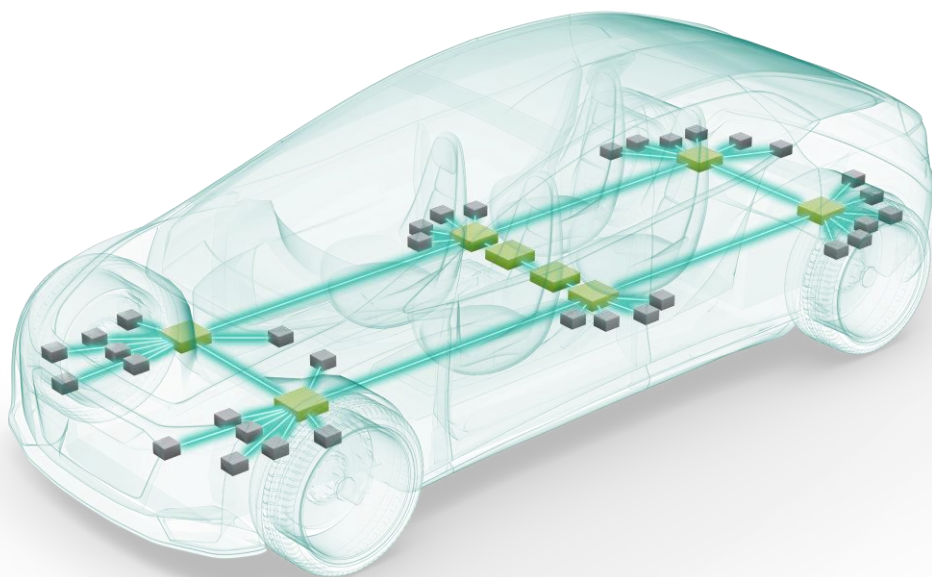
Digitalization

Driving decarbonization and digitalization. Together.

Revolutionizing automotive technology



We need a radical re-thinking of the vehicle architecture



1

Zonal computing

instead of dozens of ECUs

2

Centralized decision logic

instead of fragmented controllers

3

Intelligent power distribution

across dynamic systems

4

High-speed networking

RISC-V is a strategic architecture choice



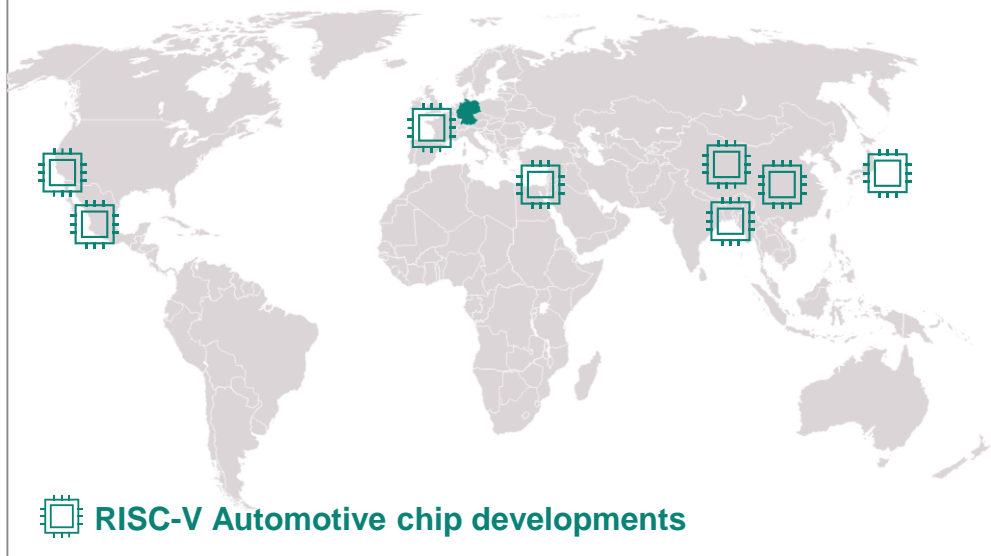
Enables **modular, composable system design**

Removes licensing barriers and **unlocks cost control**

Supports **seamless integration** across domains and partners

Fosters **global ecosystem collaboration**

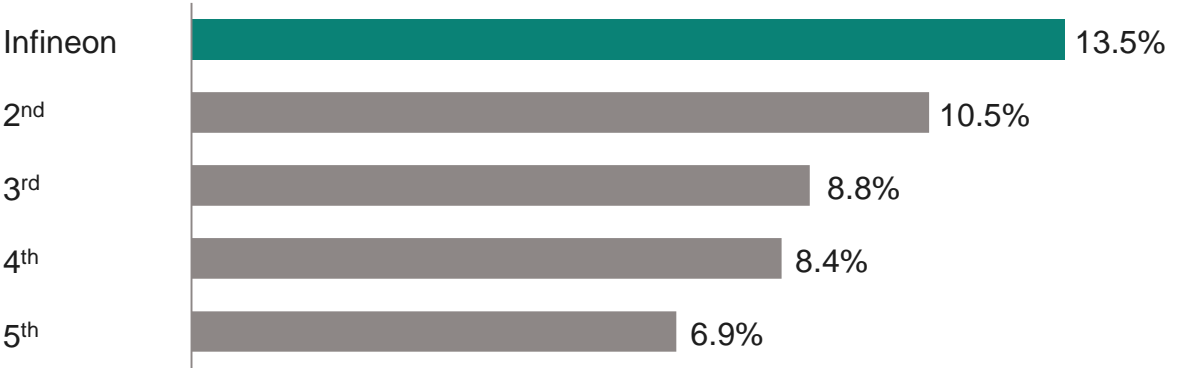
And it is **extensible across performance classes and application domains**



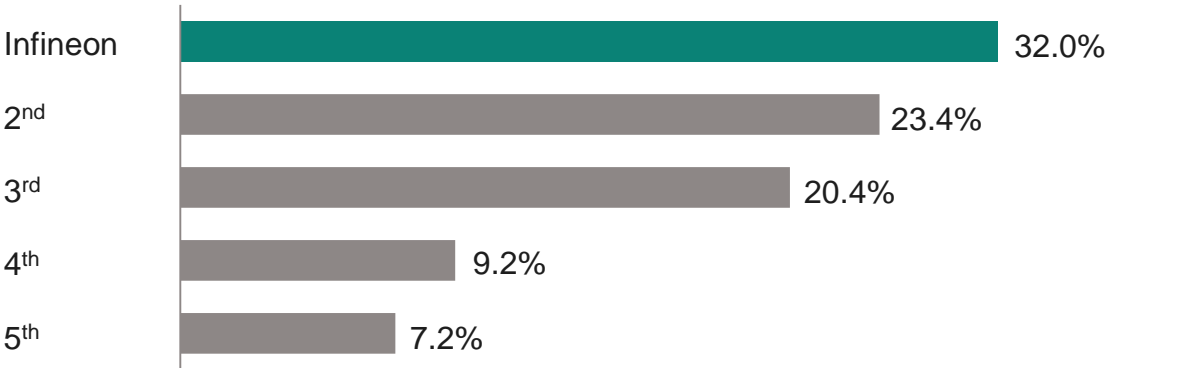
Infiniteon is the global leader in automotive semiconductors and Microcontrollers



Automotive semiconductors (2024 total market: \$68,382m; -1.2% y-y)



Automotive Microcontrollers



Dependable quality with highest automotive functional safety (ISO 26262) & security standards (ISO 21434)



Strong partner ecosystem in software, tools, and design services for customer-centric solutions



Driving innovations for Software-Defined-Vehicle



Proven by the outstanding success of AURIX™ and TRAVEO™

We are leading the Automotive RISC-V ecosystem

QUINTAURIS

Formed by six leading companies as shareholders:



Accelerating the industrialization of RISC-V based products



Leveraging RISC-V benefits of flexibility, control and visibility



Quintauris as bridge between solutions – **consolidating** the ecosystem **without lock-in**

Infiniteon leads the industry in making RISC-V
the open standard for automotive



