NEW MOBILITY

WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

NEW MOBILITY

General Situation

„The Future vehicle will be …“

Electrified

- Drive further
- Charge faster
- Low Emission

Connected

- Machine 2 machine
- Human 2 machine
- Machine 2 human

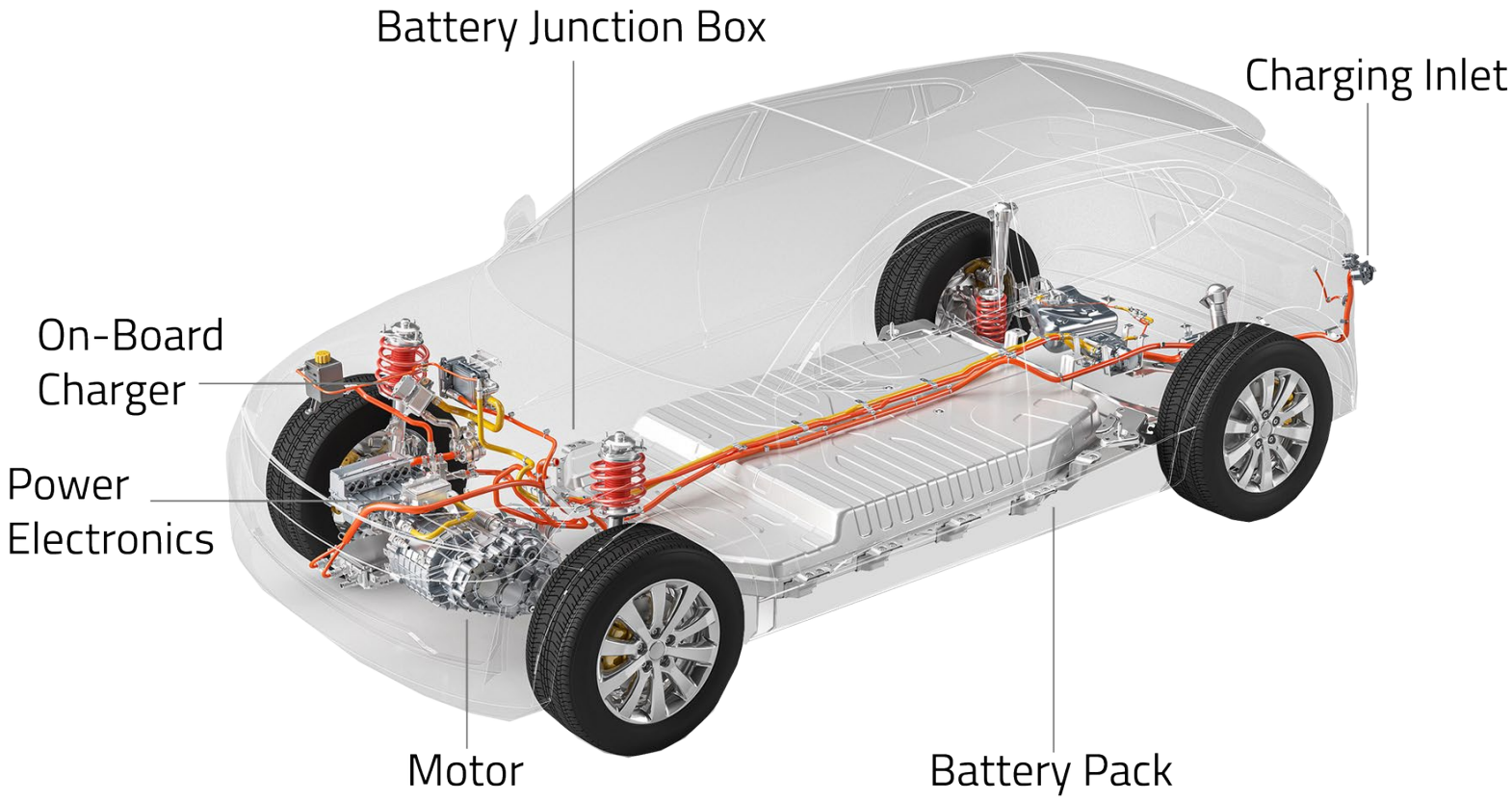
Autonomous

- Sensors and actuators replacing human interaction

Shared

- Full availability without ownership
- Bigger mileages/lifetimes

NEW MOBILITY APPLICATIONS



NEW MOBILITY

New mobility and Würth Elektronik

The world is changing.
It is a time of change. More and more electric vehicles can be seen on the road. There is an irreversible shift to electromobility. However, there are still challenges that seem impossible to some. This is exactly where we can help. Our components are invisible from the outside, but contribute even more to the future of electromobility.

More range! The small WE-AGDT boosts range by up to 10% by using the latest semiconductor technology.

Fast charging! A powerful transfer of charging power is achieved with the innovative press-fit technology of the Redcube components, which is largely unique in the market.

Longer life for less electrical waste! This is where WE-MPSBs/MPSAs excel, because they are more robust to meet the new market requirements.

NEW MOBILITY

Würth Elektronik Components

Automotive (Our Automotive products are AEC-Q200 qualified, come IATF certified factories, and we follow the PPAP guidelines)

WE-MAIA
Molded Power Inductor

WE-AENA
Nanocrystalline cable ferrite

WE-PDA
Power Inductor

WE-HCFA
High Current Flat Wire Inductor

WE-MCI
Multilayer Ceramic SMT Inductor

WE-MPSA
Power Inductor

Non Automotive

WE-CNSW
Common Mode Choke for Signal Lines

WE-BMS
BMS Transformer

WE-AGDT
Gate Drive Transformer

Ferrites for Cable Assembly

WE-PFC
PFC Choke

WE-Redcube
Pressfit

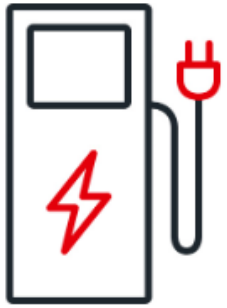
WE-PD HV
SMT Speicherdrossel (High Voltage)

NEW MOBILITY

Further Information

- Emobility campaign
- Webinar: SiC Gate Driver Systems with WE-AGDT series
- Applications:

Light Electric Vehicle



Charging Station

On-Board Charger