

Nore Power FOR E-MOBILITY

Powerful key components for safe and reliable charging technology.

Contact Systems

Wire Harnesses

Power Magnetics

Thermal Sensors

Electronic Sub-assemblies





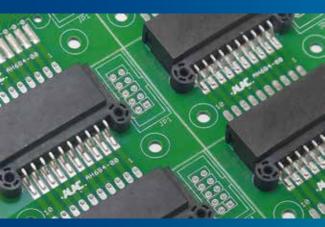
















INNOVATIVE SOLUTIONS

Reliable, safe and modular

The electrification of mobility continues to gain momentum, but topics such as battery technology and infrastructure are the main focus. At the same time, optimum connection technology plays a role that should not be underestimated - This is where ALACsystems is able to make a forward-looking contribution with innovative developments and products for infrastructure operators, charging stations, vehicle manufacturers and their suppliers.

In close cooperation with our customers, we develop and manufacture innovative and tailor-made solutions that fit your product, your project and your goals exactly.

Our manufacturing capabilities and our global positioning enable us to flexibly adjust the volume of the products as desired.

Our strengths

Cooperative and trustful cooperation

Flexible and scalable production capacities

High vertical range of manufacture

Automotive quality standards

Engineered in Germany









Concepts and implementation

Design for manufacturing

Prototype and sample construction

Ensuring high product availability

Material checks (IMDS / REACH / RoHS / Conflict minerals)

Global Sourcing

Our services

Serial production according to IATF 16949

Process monitoring and control

Quality monitoring and optimization

Process and product optimization

Logistics, wahrehousing and customs

Processing complaints







Customized components for electrified applications

You will not find our products in any catalog, but in numerous applications of our customers who value our technically and economically solutions – 100% tailored to the requirements and the respective application.

Our current projects in the field of electromobility

Customized connectors for PCB connection

Series-tested contact systems for high-current contacting

Cable assembly and connection to the environment

High-voltage cable assembles

Hybrid parts with integrated electronic components

Current measuring transformer with integrated cable and

Inductive components and winding goods for DC charging stations and on-board chargers

The advantages of our solutions

Easy integration into the existing inlet

Extremely compact design

Flexible printed circuit board design allows for various variants

Robust system through the simplification of components,

e.g. by eliminating soldering processes (BIZON®) Increased functionality of the charging inlet through the

High process reliability through tested and qualified

manufacturing technologies

Cost reduction and optimization, especially for large volumes, through an increased degree of automation

We deliver with the quality thinking of a supplier to the automobile industry.

Dr. Alfons Naber | CEO, ALACsystems GmbH













Tailor-made connection through component production - for each Topology implementable.

Where space and performance are important factors, magnetic components require an individual and secure connection to the circuit board to compensate for the thermal and mechanical loads in the housing.

We offer modules with high efficiency, effective heat management, low losses and easy integration at competitive prices - for complex systems and topologies.

Our range of services includes:

Function-integrated modules with electronics (active / passive) Injection molded housing with integrated connectors, e.g. with an additional function as a component carrier

Plastic overmoulded leadframe connectors for soldering / welding / press fit

Development & production of heat sinks

Combination of different connection and connection technologies such as Pressfit (BIZON® & WICON®), High-current contacts and "standard plug-in systems"

Complex systems possible as a development partner

Depending on requirements we supply the latest components or alternatively, we integrate them in complete systems.

Our range of individual components includes:

Common Mode Chokes

LLC Modules

PFC Modules

Transformers

Components for Current Transformers

Wireless Charging Modules

