

Press release

Stuttgart, July 8, 2026

MAHLE develops high-performance electronic cooling unit for Infineon data center applications

- Infineon and MAHLE pool their expertise on a pre-development project to protect high-performance modules against overheating
- Cooling unit can be used, for example, for data center power supply control systems
- MAHLE cooling unit boosts performance of Infineon module compared with its predecessors
- MAHLE is successfully transferring its automotive expertise to other markets, driving strong growth

Where high currents flow, electronic systems can overheat. This is why effective cooling is crucial to the efficiency and performance of electronic components. Infineon, the semiconductor solutions supplier, and thermal management specialist MAHLE have pooled their expertise. For the development of Infineon's new high-performance EasyPACK™ S module, MAHLE is supplying a cooler tailored specifically to meet the requirements of Infineon. The module controls electric switchgear and functions and can be used, for example, to control the power supply systems of data centers. Thanks to innovative cooling from MAHLE, the performance of the Infineon module has been significantly boosted compared with its predecessors. At the same time, Infineon can improve the functional endurance and durability of its product. "Cooperation with Infineon is a further example of the way MAHLE is successfully transferring its competence developed in the automotive industry to other applications," said Christian Kuechlin, Vice President, MAHLE Industrial and Special Solutions. MAHLE is driving strong growth in its non-automotive business by leveraging its automotive expertise.

The new power module from Infineon offers high performance density in a small space. The cooling unit developed by MAHLE, which is about the size of two chocolate bars on top of each other, is installed directly on the circuit board and effectively dissipates heat from the modules using a coolant.

The project was completed with remarkable speed. Within just four months, the first prototypes were produced and supplied. These are now in the process of testing and validation by Infineon. This dynamic performance confirms the strength of the partnership and lays the foundation for further joint innovation projects.

As part of Group Sales, MAHLE recently consolidated its non-automotive activities into a new Industrial and Special Solutions unit. This will enable the group to address new customers more effectively. A customer-focused technical sales approach, combined with application development expertise, significantly accelerates the development of tailor-made customer solutions. The areas of production, logistics, purchasing and quality are also linked more closely. This way, available plant capacity can be used more effectively for Industrial and Special Solutions business.

Note for journalists: This press release and the accompanying photo material can be found at <https://newsroom.mahle.com/press/en/>

Image copyright: MAHLE GmbH



Christian Kuechlin, Vice President
MAHLE Industrial and Special
Solutions



The first prototypes of the MAHLE
cooling unit are currently in the
testing and validation phase.

Contacts at MAHLE Communications:

Manuela Hoehne

Director Corporate Communications & Marketing

Phone: +49 173 3180217

E-Mail: manuela.hoehne@mahle.com

Kerstin Lau

Head of Media Relations

Tel.: +49 173 6180956

E-Mail: kerstin.cynthia.lau@mahle.com

About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry with customers in both passenger car and commercial vehicle sectors. Founded in 1920, the technology group is working on the climate-neutral mobility of tomorrow, with a focus on the strategic areas of electrification and thermal management as well as further technologies to reduce carbon emissions, such as fuel cells or highly efficient, clean combustion engines that also run on synthetic fuels, renewable fuels or hydrogen.

MAHLE generated sales of €11.3 billion in 2025. Employing some 64,000 people at 127 production locations and 11 technology centers, the company is represented in 28 countries. (as at: 12/31/2025)

#weshapefuturemobility