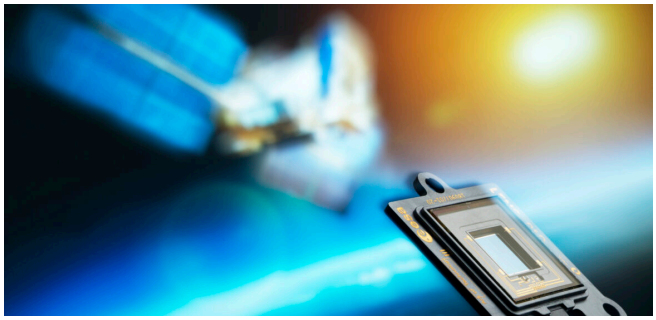
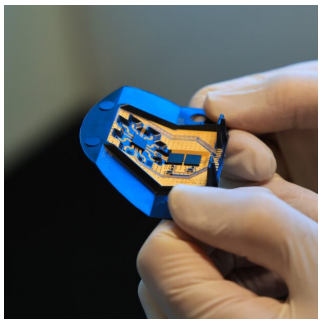
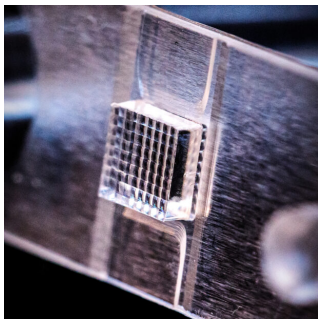
Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.

The perfect match: microsystem technology for aerospace

Hahn-Schickard develops innovative solutions for maximum precision and reliability. As a partner in the field of microsystem technology, we offer our customers tailor-made solutions for their product development. Our technologies enable complex assemblies with a high degree of miniaturisation, saving space and weight. Once development has been successfully completed, the project can be transferred to our production team.

Technological innovations in hardware and software

High-performance sensor technology demands maximum precision combined with a compact design. This is made possible by reliable packaging that ensures stability and protection against external influences and high long-term stability. Materials and technologies are also available that meet the requirements for radiation resistance and minimal outgassing necessary for use in space. We are familiar with the relevant standards of the space industry (ECSS) throughout the entire product development and production process.

We offer innovative solutions thanks to high-precision manufacturing techniques

Whether micro-lens arrays for hyperspectral imaging or millimetre wave antenna arrays with individual radiation characteristics – we develop high-performance solutions for the fields of communication, radar and sensor technology. 3D substrate technologies for various materials enable the integration of different functions in a single component. Film-assisted moulding (FAM) and moulded interconnect device (MID) technologies play an important role in this. Thanks to our rapid prototyping capabilities, development cycles can be significantly shortened and new designs validated in a timely manner.

Sustainability and innovation

Address

Allmandring 9 b
70569 Stuttgart

Phone 0711 685 84792

www.hahn-schickard.de
Karl-Peter.Fritz@Hahn-Schickard.de

Facts & Figures

Employees	264 Mitarbeitende FTE
Turnover	55,1 Mio. €
Certifications	ISO 9001:2015
References	THE aerospace LÄND, QuantumBW, QSens Zukunftscluster, Fachausschuss 4.1 Grundsatzfragen der Mikrosystemtechnik und Nanotechnologie