Boosting your electronic systems

Thales Microelectronics designs and manufactures innovative electronics solutions dedicated to high-demanding automotive applications. Drawing on an extensive industrial and development expertise, our centre offers bespoke service tailored to specifically meet the needs of our customers and enhance the performance of their systems.
Thales Microelectronics

AUTOMOTIVE ELECTRONICS

Your design partner and technology provider

Built-to-spec development and design of power modules, converters, RF/microwave/digital/analogue functions.

- Down-sized functions
- Ruggedized functions
- Interconnection 3D-packaging
- High temperature up to 220°C
- SiC/GaN power devices
- Intensive power and thermal cycling
- Multi-physics modeling methodology

Manufacturing services

- Mock-ups and prototypes
- Small and medium-scaled production runs

Functionalities

- Smart sensors
- Actuators
- Controllers

Addressed systems

Powertrain systems
Perception systems for A.D.A.S
Energy management systems
Comfort and safety systems

BRINGING YOU OUR EXPERTISE TO BOOST YOUR COMPETITIVE ADVANTAGE

Whether you need to increase your systems’ energy efficiency, or simplify your cooling circuits, or position your control electronics directly into the powertrain, our innovative solutions bring you competitive edge to lead the market.

HIGH RELIABILITY
HIGH INTEGRATION DENSITY
HIGH PERFORMANCE
HIGH POWER DENSITY

Our functions