SENSORS

Racing simulator with XENSIV™ magnetic sensors

A fully interactive racing simulator powered by our XENSIV™ magnetic sensors and XMC™ MCUs. This demo showcases high-precision, contactless position sensing for steering, pedals, and shifter, delivering a realistic and durable gaming experience while highlighting our capabilities in the growing simulator and gaming peripheral market.

Benefits

- Contactless sensing eliminates wear and extends product lifetime
- High-accuracy position measurement delivers precise control and responsiveness
- Compact sensor packages enable smaller and more flexible designs
- Programmable and calibratable sensors simplify customization and tuning
- Stable, drift-free performance ensures long-term reliability

Highlight products

- XENSIV™ TLE5012B magnetic angle sensors
- XENSIV™ TLE493D 3D magnetic sensor
- XMC™ MCUs

Applications

- Racing simulators
- Gaming steering wheels and pedals
- Flight simulators
- Industrial training simulators
- Arcade and eSports equipment

Scan for more information