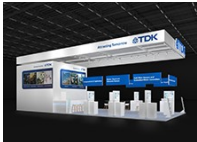


## Content

Embedded World 2020

## TDK-Micronas Most Preferred Partner for Sensing and Control

### TDK displays the latest in electronic solutions for embedded technologies at Embedded World 2020



- TDK presents magnetic sensors and embedded motor control solutions as well as power supply solutions, and passive components for Internet-of-Things applications as well as motion, sound, and ultrasonic sensor solutions.

### New fully integrated embedded motor controller with extended memory for automotive applications



- New embedded motor controller with 64 KB flash memory and 4 KB SRAM
- Responds to OEMs' demands for increased diagnostic capabilities in the area of smart actuators
- Presentation at Embedded World exhibition from February 26 to 28, 2019, in Nuremberg at booth 438 in hall 3A

### 3D position Hall sensor product line with unique stray field compensation



- New 3D position sensors based on the Hall-effect allow active stray field compensation of homogenous and gradient fields
- Highly flexible device architecture supports various digital interfaces (SPI, PWM, SENT according to SAE J2716 rev. 2016 and PSI5 rev. 2.x)
- Presentation of HAL 39xy sensors from November 13 to 16, 2018, at the Electronica exhibition in Munich

### TMR-based closed-loop sensor for high-current coreless applications



- First Micronas' brand TMR-based current sensor
- Non-intrusive, galvanically isolated contactless current measurement based on closed-loop TMR technology
- Smallest module integration since no magnetic-field core concentrator is required
- ISO26262 ASIL-B ready and AEC-Q100 qualified

### TDK-Micronas (Overview & Background)

Company backgrounder  
Company presentation  
Contacts for members of the press