**TDK-Micronas**

**Most Preferred Partner for Sensing and Control**

**TDK introduces flexible Multi-Hall-array sensor for high-precision current sensing**

* Non-intrusive, galvanic isolated contactless current measurement
* Configurable for highly accurate linear current sensing with read-out of multi-Hall-array or for differential coreless and stray-field robust current sensing
* ISO 26262 ASIL-B ready and AEC-Q100 qualified
* February 26 to 28, 2019, in Nuremberg at booth 438 in hall 3A

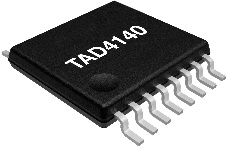
**TDK expands embedded motor controller family to target high temperature environments**

* HVC 4222F and HVC 4422F are Arm® M3 based motor drivers with 32k and 64k flash memory
* Fully specified and tested up to 160 °C junction temperature
* Target applications include automotive drive-train and thermal management systems

**TDK releases new stray-field robust 3D HAL® position sensor with SPC interface**

* 3D position sensor with SPC interface based on the Hall-effect allows active stray-field compensation
* 360 degrees, stray-field robust angular measurement makes this sensor suitable for steering-angle position detection

**TDK brings redundancy to its TMR angle sensor portfolio and aligns with ASIL D safety standard**

* TAD4140 is a new, fully redundant TMR angle sensor with digital output in a TSSOP16 package for automotive and industrial applications
* The new sensor is able to simultaneously measure speed, direction, and motor position
* High-angular accuracy, high-diagnostic coverage, and advanced compensation algorithms make sensor suitable for BLDC motor commutation applications
* Full-signal redundancy with two electrically-isolated outputs that supports ASIL D system requirements

**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