THE HANSEN REPORT

ON AUTOMOTIVE ELECTRONICS

Editorial Notes

Dear Reader,

Most of the world's automotive electronics suppliers have targeted the Chinese OEM market, the world's largest. China accounts for 28 % of the motor vehicles built worldwide in 2019. But with political and economic tensions between the USA and China on the rise, suppliers need to consider the heightened risks.

The USA is confronting China on multiple fronts. It has sanctioned pro-Chinese leaders of Hong Kong over China's imposition of national security laws. Trade disputes are now more common as the USA confronts China over its forced technology transfers, protectionist investment barriers and thefts of intellectual property.

Huawei and other Chinese tech companies have been prevented from using American technology and software. The USA won't let Huawei participate in building its 5G network. Of course China is punching back, and the cold war between the two countries is likely to get worse.

Given its deep economic ties to China, Germany has been far less confrontational. Volkswagen, Daimler and BMW make more than one-third of their profits in China. But Germany is likely to reconsider its present stance. One of China's

ten goals in its "Made in China 2025" plan is to dominate the world market for next-generation vehicles. China is intent on becoming less dependent on imported technology.

Regardless of country affiliation, automotive electronics suppliers need to weigh the risks of leaning too heavily on a Chinese customer portfolio and stay watchful and resilient as the situation will likely change – for better or worse – over the coming months.

Cordially,

Paul Hansen
Editor

THE HANSEN REPORT

- 23 Editorial Notes
- 24 Tier-1s in Trouble
- 25 Cross-domain Computing Solutions Reorganization
- 26 Expanded Presence in Europe with New Automotive Software Engineering Facility
- 26 Open-source Self-driving
- 26 5G Antenna Challenges
- 28 People + Companies
- 30 Products

IN THE SPOTLIGHT

- 34 The Coronavirus, Immissions and the Combustion Engine

IMPRINT

THE HANSEN REPORT

on Automotive Electronics
10/2020, Volume 33 / ISSN (Online) 2192-91143

Springer Vieweg | Springer
Fachmedien Wiesbaden GmbH
P.O. Box 15 46 · 65173 Wiesbaden · Germany
Abraham-Lincoln-Straße 46 ·
65189 Wiesbaden · Germany
www.springerprofessional.de/en/atzelectronics-worldwide/5013758
Amtsgericht Wiesbaden, HRB 9754
USt-IdNr. DE81148419

Managing Directors: Stefanie Burgmaier, Joachim Krieger, Juliane Ritt

Director Production: Ulrike Drechsler

Head of Media Sales: Volker Heselndenz

Editor in Chief: Dr. Alexander Heintzel

Editors: Paul Hansen, Robert Unseld

Head of Sales and Marketing: Jens Fischer

Production / Layout:

Kerstin Bröderlin, Heiko Köllner

Offprints: Martin Leopold,
Medien-Kontor Leopold, Kreuzstr. 1,
53489 Sinzig · phone +49 2642/90 75 96
leopold@medien-kontor.de

Sales Management Automotive:

Rouwen Bastian,
phone +49 611 7878-399 ·
fax +49 611 7878-78399
rouwen.bastian@springernature.com

Display Ad Manager:

Carmen Calvo-Zeller,
phone +49 611 7878-616 ·
fax +49 611 7878-78616
carmen.calvo-zeller@springernature.com