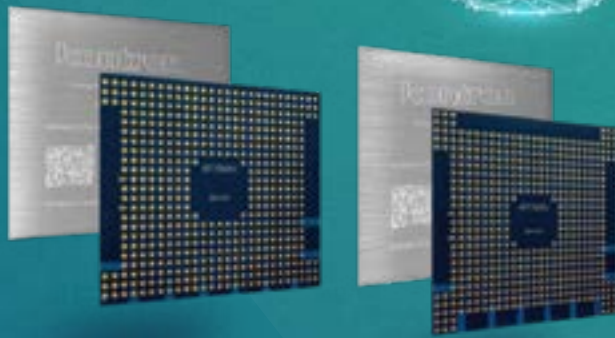


kontron

Kontron **5G NAD** offering for **automotive**



AVx4/AVx2
3GPP Rel.16



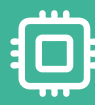
**Communication
Performance**



**Integrated
GNSS**



Security



**Flexible Application
Ressources**



**Thermal
Management**



**4x4 DL MIMO
2x2 UL MIMO**



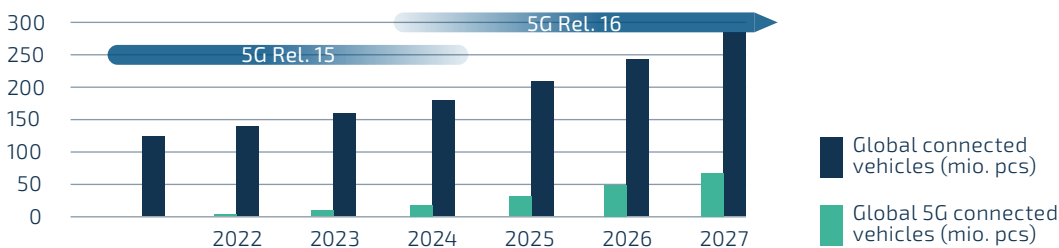
Designed and developed
in **Berlin, Germany**

www.kontron.com



Market Window

- 5G NR 3GPP Rel.16 IMT 2020 approved
- Market ready with Rel. 16 for mass adoption from 2025 onwards



AVx4/AVx2 NAD - Key Features

- Qualcomm SA525M/522M, 5G 3GPP Rel. 16
- 4x4 DL MIMO / 2x2 DL MIMO
- Integrated GNSS
- Embedded processing based on Linux
- Flexible interface configuration (e.g. RGMII, PCIe)
- Various options include:
 - 2x2 UL MIMO (SA525M only)
 - MF-GNSS, Dead Reckoning
 - LTE&NR - cV2X embedded, external DSRC
 - Up to 20k DMIPS processing power

Timeline

5G Rel. 16 NAD lead EU variant

