

## 4D Radar: Extraordinary Sensors for the Cars of Tomorrow



Nowadays, any new car without navigate-on-autopilot (NOA) functions isn't taken seriously. The increasing availability of high-speed NOA, highway NOA, and even urban NOA, confirms that Level 2+ (L2+) driving is an irreversible and unstoppable trend.

[Learn more](#)

## Solutions



### Unlocking the Future of Sensing with Avnet's 4D Millimeter Wave Radar

Known as 4D imaging millimeter wave radar, Avnet's S32R41+2\*TEF82 dual-chip cascade program captures four critical dimensions: distance (Range), speed (Velocity), horizontal angle (Azimuth), and pitch angle (Elevation).

[Learn more](#)

## MCX MCUS: BRINGING MORE INTELLIGENCE TO THE EDGE

Be an early adopter and get your hands on the new MCX

[REGISTER NOW](#)



### Events

- ▶ NEPCON Vietnam Exhibition 2024
- ▶ Infineon Home Appliances Webinar
- ▶ Avnet, AWS & Microchip IoT Webinar - Remote Monitoring & Equipment Control

## Automotive- New technology for ADAS-4D radar

Avnet together with the leading suppliers bring you the best Automotive-New technology products for ADAS-4D radar.



**Amphenol**  
FloatCombo™  
0.50mm floating board-to-board connector



**Belfuse**  
Fuse



**Bourns**  
Automotive grade CMC, SRF3225TABG series



**Coherent**  
VCSELs for In-cabin Illumination



**Microchip**  
On-board charger solution



**MPS**  
MPQ5850-AEC1



**Murata**  
Silicon capacitors WASC series



**Nordic**  
Automotive bluetooth low energy and 2.4 GHz SoC



**onsemi**  
AR0820AT, AR0823AT and AR0341AT



**Panasonic**  
Hydro dynamic bearing cooling fan for ADAS



**Rohm**  
New white LED CSL1101WBCW(C) for automotive



**Samtec**  
Micro BLADE & BEAM connectors



**STMicroelectronics**  
STRADA431



**TDK**  
Common mode filter for automotive ethernet 10BASE-T1S



**Toshiba**  
Automotive ADAS solution proposal by Toshiba



**Transcend**  
Transcend advanced DDR5 R-DIMM TS4GAR80V8E-I



**Vishay**  
Reflective optical sensor VCNT2025X01

- ▶ [Buy Now](#)
- ▶ [Solutions](#)
- ▶ [Line Card](#)
- ▶ [Technical Articles](#)
- ▶ [Contact Us](#)