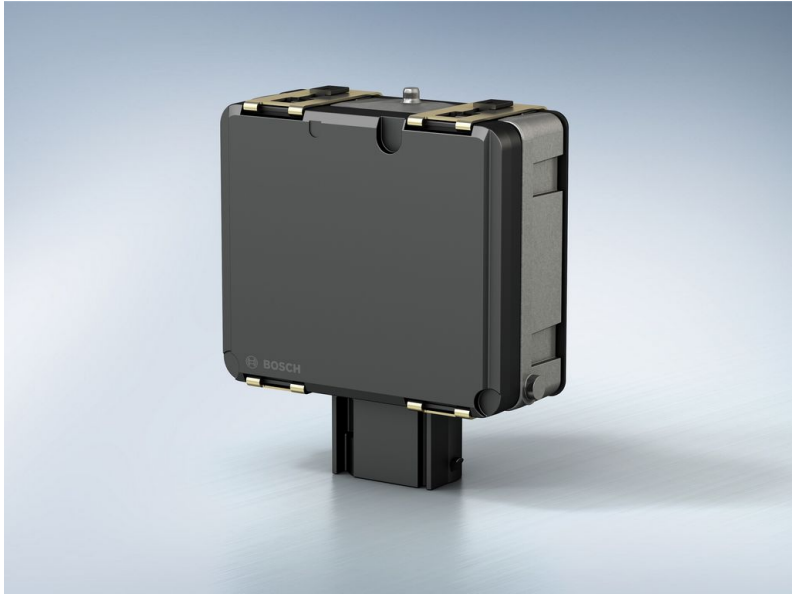


Radar sensors for assistance and automotive applications

Mid-range radar sensor for rear applications



Features

- Detects objects and measures their position and relative velocity
- Silicon-germanium semi-conductor technology used in the high-frequency unit
- Frequency range: 76~77GHz
- Detection range: 80m
- Opening angle: 150° +/- 75° (close range)
+/- 5° (70m, main beam direction)

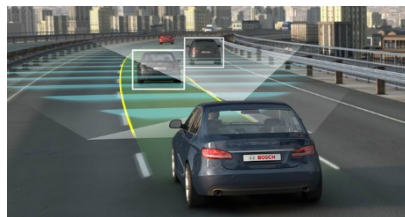
Benefits

- Cost-effective sensor for all classes
- Very small and compact
- Sensor data fusion between left- and right-hand sensor
- Robust sensor design
- Frequency of 77GHz released worldwide for automotive applications

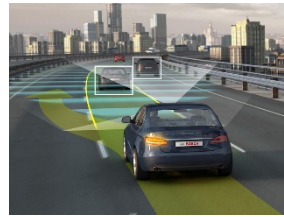
Feasible functions



Lane assist systems



Integrated cruise assist



Highway assist



Rear cross traffic alert



Highway pilot