

Last week, NXP announced a new automotive radar microcontroller (MCU), the NXP S32R27, that will deliver the features and performance required for making safe, automated driving a reality.



The NXP S32R27 Radar MCU offers a leap in performance of 4 times over the previous MPC577X product. This means higher accuracy and safety for applications such as collision avoidance, lane change assist, autonomous emergency braking, radar cocooning with 360° perception, or adaptive cruise control. In intelligent transport systems, vulnerable road users (VRUs) like pedestrians, motorcycles and bicycles can be detected and tracked much faster.

"The S32R27 has been sampling with leading Tier 1 automotive suppliers for almost a year and will play a key role in consolidating NXP's leadership position in automotive radar," said general manager of the ADAS Microcontrollers product line at NXP, Davide Santo.

NXP are the world's largest supplier of automotive semiconductors and the leading supplier of radar-based ADAS semiconductor solutions. An estimated 50 percent of all car radar modules shipped in 2016 will utilize NXP radar processing and front-end technology.