

QuickSwitch® Recognised for Excellence in Sensors Innovation

Sensors Expo: LASER COMPONENTS Wins “Best of Sensors” 2019 Award

LASER COMPONENTS, specialised provider of components and services in the laser and optoelectronics industry, has been named a “Best of Sensors” 2019 Award winner in the Automotive/Autonomous category. The company’s QuickSwitch® Pulsed Laser Diode (PLD) was recognised as one of the Innovative Products of the Year 2019 which highlights cutting-edge advancements and achievements that are moving the sensors industry forward. Across fourteen categories, the prestigious awards were presented by the Editor of FierceElectronics during Sensors Expo & Conference 2019, held June 25-27, 2019 in San Jose, California.

Based on LASER COMPONENTS’ proprietary compact hybrid configuration that integrates a 905 nm laser diode, switch and capacitor inside a TO56 metal housing, QuickSwitch® can generate in one second up to 200,000 laser pulses with a typical duration of 2.5 ns. This is currently the fastest hybrid PLD solution available on the market allowing faster data collection and higher resolution in laser-based distance measurement (LiDAR) applications that are finding their way into passenger vehicles. In the race to safer driving, automotive LiDAR sensor manufacturers will benefit from QuickSwitch® to design more sensitive systems that warn drivers of hazards earlier, avoid collision, and eventually lead to autonomous driving.

“Our engineers’ innovative approach to minimise the inductance loop and to optimise the circuit layout for driving PLDs with fast rise times and short pulses is setting us apart from conventional designs,” says Mr. Matt Robinson, Sales Director of LASER COMPONENTS USA. “We are honoured to receive this award in recognition of their dedication to deliver a unique product that meets current and future market needs,” Robinson added.

“For more than three decades Sensors Expo has been bringing together the most exciting technological advancements and cutting-edge applications from across the industry. The winners of this year’s Best of Sensors Awards underscore just how far-reaching the impacts of these innovations have become. LASER COMPONENTS personifies the commitment to engineering excellence and overall ingenuity we look for and we are thrilled to recognise their efforts in an extremely competitive field,” noted Cal Groton, Event Director, Sensors Expo & Conference.

This is the second award for LASER COMPONENTS’ QuickSwitch® PLD in recent months. A previous recognition includes the Autonomous Vehicle Technology ACES Award in December, 2018.

More Information

<https://www.lasercomponents.com/uk/product/quickswitch-pulsed-laser-diodes/>

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 230 employees worldwide.