Million-times proven reliability and quality

Key features

- Outstanding ultrasound measurement performance
- High sensor robustness
- Excellent sensor and IC diagnostics
- Flexible controller solutions
- Fast communication interfaces

Worldwide #1 IC supplier for Ultrasonic ICs

- More than 850 million ICs are in the field
- More than 25 years of experience
- 30 realized IC projects
- 6 different and flexible ASSP families
- Easy to use demonstrators and evaluation kits for all devices

From parking assistance to near field surveillance. We are ready for the future!











Elmos Ultrasonic advantages

- Best short range performance
- More standardization
- Sensor coding
- Advanced diagnosis
- Highest communication bandwith
- Higher flexibility
- Excellent long-range performance
- Smaller package / sensor housing

Excellent measurement performance at different system architectures

ISO26262

• Lower current consumption

Object classification

Higher accuracy

Shortest latency

Highest robustness

New field detection



Elmos "Direct Drive" advantages

- Full substitution of the transformer and the electrolyte capacitor
- Reduction of required assembly pick and place handling
- Reduction of required PCB area and sensor housing
- Reduction of PCB layers
 (2 layer PCB possible, instead of 4 layers)
- Elm Pho Elmo the an o nor does prov thee

elmos

Ultrasound:

Far more than parking

GET YOUR ELMOS ULTRASONIC IC

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with LIN Interface and 8bit Controller