

TDA ADAS Solutions Enable a Safer Driver Experience



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Our TDAx family of Advanced Driver Assistance Systems (ADAS) processors enables automotive OEMs to provide a safer driving experience for drivers worldwide. See some of the different applications that the TDA family enables.

Stay tuned because we'll be adding new videos to this page throughout the 2017 Consumer Electronics Show (CES). These videos will demonstrate how TDAx processors are being used in real-world automotive applications,

TDA Camera Monitoring System for Mirror Replacement

- See how the integrated Image Signal Processor (ISP) on TI's scalable family of TDA products can enable best-in-class camera monitoring systems with industry-leading image quality for increased safety.
- Device featured: [TDA3x](#)

<https://youtu.be/o2NC7kpz7Zk>

D3 Engineering ADAS Development Kit

- Learn about D3 Engineering's ADAS Development Kit based on TI's scalable family of TDA processors.
- Device featured: [TDA3x](#), [TDA2Ex](#), [TDA2x](#)

https://youtu.be/W1Zq5WYN3XQ?list=PLISmVLHAZbTSLjyH-Pz71QFh_6wJiizV

Advanced 3-1-1 Camera Monitoring System using TDA

- Experience a panoramic viewing system using three cameras, one SoC & one display (3-1-1) that can also support ADAS functionality based on TDA's heterogeneous architecture.
- Device featured: [TDA3x](#)

<https://youtu.be/unpVEjMiCEI>

TDA Flicker Mitigation

- FLICK OFF THE FLICKER of LEDs using unique, industry-leading hardware & software solutions on TDA processors.
- Device featured: [TDA3x](#)

https://youtu.be/NNcqjSMppVo?list=PLISmVLHAZbTSLjyH-Pz71QFh_6wJiizV

TDA Semantic Segmentation

- Observe deep learning-based semantic segmentation running on TI's neural network implementation on TDA SoCs.
- Device featured: [TDA2x](#)

https://youtu.be/-CH_0J_f5zA

TDA Front Camera Solution by KPIT

- See how KPIT can provide an alternative, production-ready front camera ADAS solution using TI's TDA family of processors.
- Device featured: [TDA2x](#), [TDA3x](#)

<https://youtu.be/jPjgtYKNJOU>

TDA Front Camera Solution by Hella Aglaia

- See how Hella Aglaia can provide an alternative, production-ready front camera ADAS solution using TI's TDA family of processors.
- Device featured: [TDA2x](#), [TDA3x](#)

https://youtu.be/ZPwKsfFLY0s?list=PLISmVLHAZbTSLjyH-Pz71QFh_6wJiizV

TDA Fusion for Safety

- Learn how TI's TDA family of processors enables the fusion of multiple sensor modalities to increase safety & reliability in today's ADAS to tomorrow's autonomous systems.
- Device featured: [TDA2x](#), [TDA3x](#)

<https://youtu.be/ivBIYe-fj48>

TDA Driver Monitoring & Identification

- See how Fotonation uses a TDA SoC to provide an advanced, automotive-grade driver monitoring & identification solution.
- Device featured: [TDA3x](#)

<https://youtu.be/uzAe9jx3fjk>

For more information about TDAx ADAS processors, visit TI.com/ADAS. For more information about TI's presence at CES 2017, visit TI.com/CES2017.

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