

THE CAR OF THE FUTURE

MAKING THE DRIVER EXPERIENCE

→ **GREENER** → **SAFER** → **MORE FUN**



Did you know?



Idling for over 10 seconds uses more fuel and produces more CO2 emissions than restarting your engine.¹



Cars with head-up display are expected to rise to 9.1 million in 2020, up from 1.2 million in 2012. Sales projections show a 7% climb to 1.3 million this year.²



European research found that two-fifths of drivers had difficulty seeing pedestrians.³

Enabling the car of the future

Wireless charge portable electronics

Wireless power transfer controllers allow for a fully charged phone, tablet or other portable device.

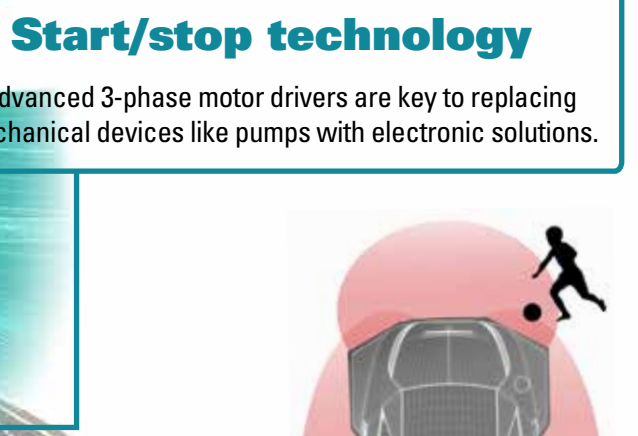


Start/stop technology

Advanced 3-phase motor drivers are key to replacing mechanical devices like pumps with electronic solutions.

Advanced power train & charging

Higher drive capability in isolated power improves switching losses for a more energy efficient system.



360 camera

FPD-Link III chipsets drive video data up to 12-bit pixel depth from all sides to help see what your eyes can't.



Auto-braking

Unique signal conditioners for radar applications enable autonomous braking.



Self-park

Sensor conditioning circuits enable park assist and self-parking with up to 7 meters distance detection ability.

HD virtual dashboards

DLP® enabled virtual dashboards allow full-color, high-resolution video display on a curved surface and scalability of size.



Infotainment

High-power amplifiers offer superior audio performance with AM interference avoidance and pop-click reduction technology to customize a unique audio system.



Head-up display

Keep track of your car's and vitals with DLP enabled head-up display. DLP widens the field of view, increases brightness, and has flexibility to increase the virtual image distance to appear further out in your line of site.

See more info at:
www.ti.com/carofthefuture-info
www.ti.com/analogautomotive-info



References: ¹ <http://www.who.int>

² <http://oee.nrcan.gc.ca>

³ <http://articles.latimes.com>

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