



# ADAS



**Front Camera (Coaxial)**  
High resolution and reliable front cameras powered over coaxial require power-dense regulators with integrated safety.



**Rear Camera (Off Battery)**  
High resolution and compact rear cameras powered off battery require ultra-compact regulators.



**77GHz Radar**  
High resolution radars require integrated power management ICs with extremely low noise emissions.



**Front Camera (Off Battery)**  
High resolution and reliable front cameras powered off battery require power-dense regulators with integrated safety.



**360° Surround View Cameras**  
High resolution surround view cameras require ultra-compact and power dense regulators along with efficient switches for toggling.



**LiDAR**  
Light Detection and Ranging require various regulator solutions along with high power laser drivers and FETs.



**Rear Camera (Coaxial)**  
High resolution and compact rear cameras powered over coaxial require ultra-compact regulators.



**Driver Monitoring Systems**  
Driver Monitoring Systems utilizing Infrared LEDs require high current regulators with critical eye safety features.



**Sensor Fusion Domain Controllers**  
Autonomous Driving is realized with sensory inputs (cameras, radar, LiDAR) that are processed with a domain controller featuring a high performance SoC driven by a wide range of power management solutions and system supervision products.



# VEHICLE ELECTRIFICATION



## DC Fast Charging Stations

Find the power components you need to power the next generation of DC fast charging stations



## Onboard Charging Module (OBCM)

Learn which MPS parts assist in converting AC power to DC



## Traction Inverters

See parts utilized to convert the DC current to AC current for the EV motor



## 12V to 48V Bidirectional Converter System

Achieve highly efficient power conversion



# INFOTAINMENT



## Digital Cockpit

Learn which MPS solutions to use to power the next generation of infotainment system designs.

## Telematics

Learn which MPS parts to use to power the next generation of automotive telematics and e-call designs.



## Wireless Charging

MPS's compact and reliable power management solutions provide everything you need to power the next generation of in-car wireless chargers.



## Cluster

MPS's efficient, scalable product portfolio provides everything you need to power the next generation of automotive display designs.



## Head Units

MPS's premium, highly efficient product catalog provides everything you need to power the next generation of high-end head unit designs.



## USB

MPS's cost-effective, reliable power management solutions provide everything you need to drive the next generation of standard USB Type-C and Type-A designs.



## Central Gateway

Learn which MPS parts to use to power the next generation of central gateways.





# LIGHTING



## All LED Lighting

Find the components you need for LED lighting systems.



## Headlights

See the parts to help power the next generation of automotive headlight designs.



## Low-Power Exterior and Interior Lighting

Learn which MPS parts to use to power the next generation of low-power exterior and interior lighting system designs.