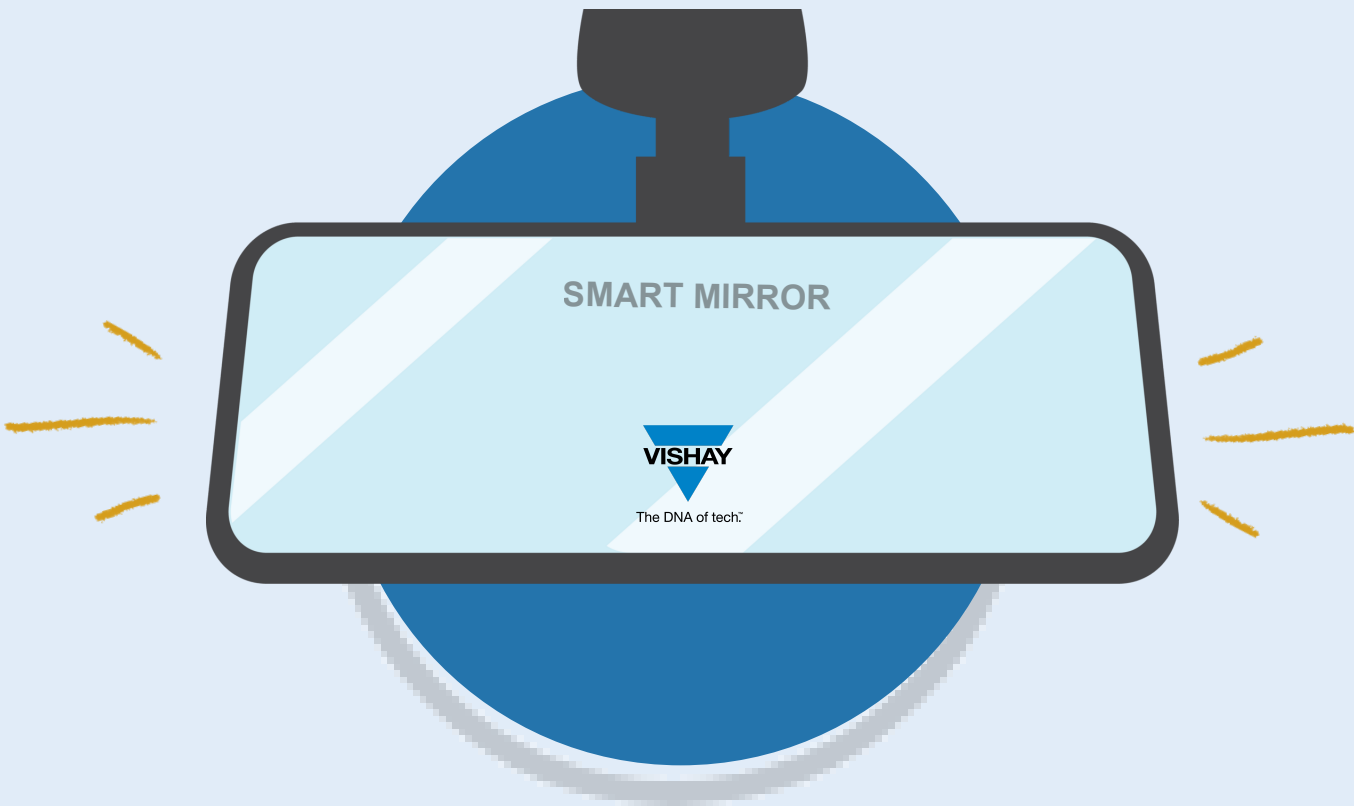


Driver Monitoring

SAFE AND INTELLIGENT PROXIMITY SENSING

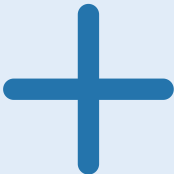
Driver monitoring systems (DMS), in-cabin monitoring systems (ICMS), and iris scans rely on infrared (IR) illumination for accuracy, especially in varying lightning conditions. However, unregulated IR exposure can pose risks to retina, potentially causing damage. Protecting human eyes from potentially harmful IR rays is achievable through seamless integration with our proximity sensor.



The smart combination of VSMA series emitting diodes and the VCNL4035X01 sensor with advanced control capabilities ensures eye safety and offers the flexibility to drive up to three IR emitters.

Safety

VCNL4035X01



VSMA SERIES



