



# NXP Solutions for Vibrant Solid-State Lighting

NXP leads innovation in electronic systems for Solid State Lighting (SSL) with a comprehensive portfolio of solid-state lighting systems and components. Capitalizing on NXP's technological know-how and business expertise in mobile, home, automotive and lighting markets, NXP Solid-State Lighting solutions enable NXP's customers to bring vibrant lighting experiences to consumers.

By developing innovative and cost-effective system solutions and driver components for high-volume applications, NXP's dedicated SSL business team is already helping customers to fuel the rapid adoption and growth of solid-state lighting – bringing the energy consumption, lifetime, form factor, robustness and intelligent control benefits of solid-state lighting to end-users.

## NXP SSL target markets and applications:

<b>General lighting</b>	architectural, entertainment, residential, commercial lighting
<b>Mobile phones</b>	camera-phone LED flash driver
<b>Consumer electronics</b>	LCD TV and PC screen LED backlighting
<b>Automotive lighting</b>	front/rear lighting, interior lighting, infotainment

### Benefits of NXP solid-state lighting solutions

- ▶ High efficiency AC/DC and DC/DC conversion
- ▶ Intelligent control
- ▶ High level of integration, small footprint
- ▶ Application-specific system solutions
- ▶ Scalable family of drivers with a common interface

### NXP Strengths

- ▶ Long history and in-depth understanding of target SSL markets
- ▶ Privileged partnerships with industry trendsetters
- ▶ Dedicated business team
- ▶ Broad technology portfolio applicable to SSL
- ▶ Integration capabilities, mixed-signal capabilities

### NXP solid-state lighting products (2007)

- ▶ Camera-phone flash LED drivers (single and dual LEDs)
- ▶ LCD TV LED backlight solutions
- ▶ Integrated intelligent LED lighting drivers

NXP Solid-State Lighting Solutions – state-of-the-art SSL components and systems that enable the highest light performance in lighting, mobile, automotive and consumer electronics devices.

[www.nxp.com](http://www.nxp.com)



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