



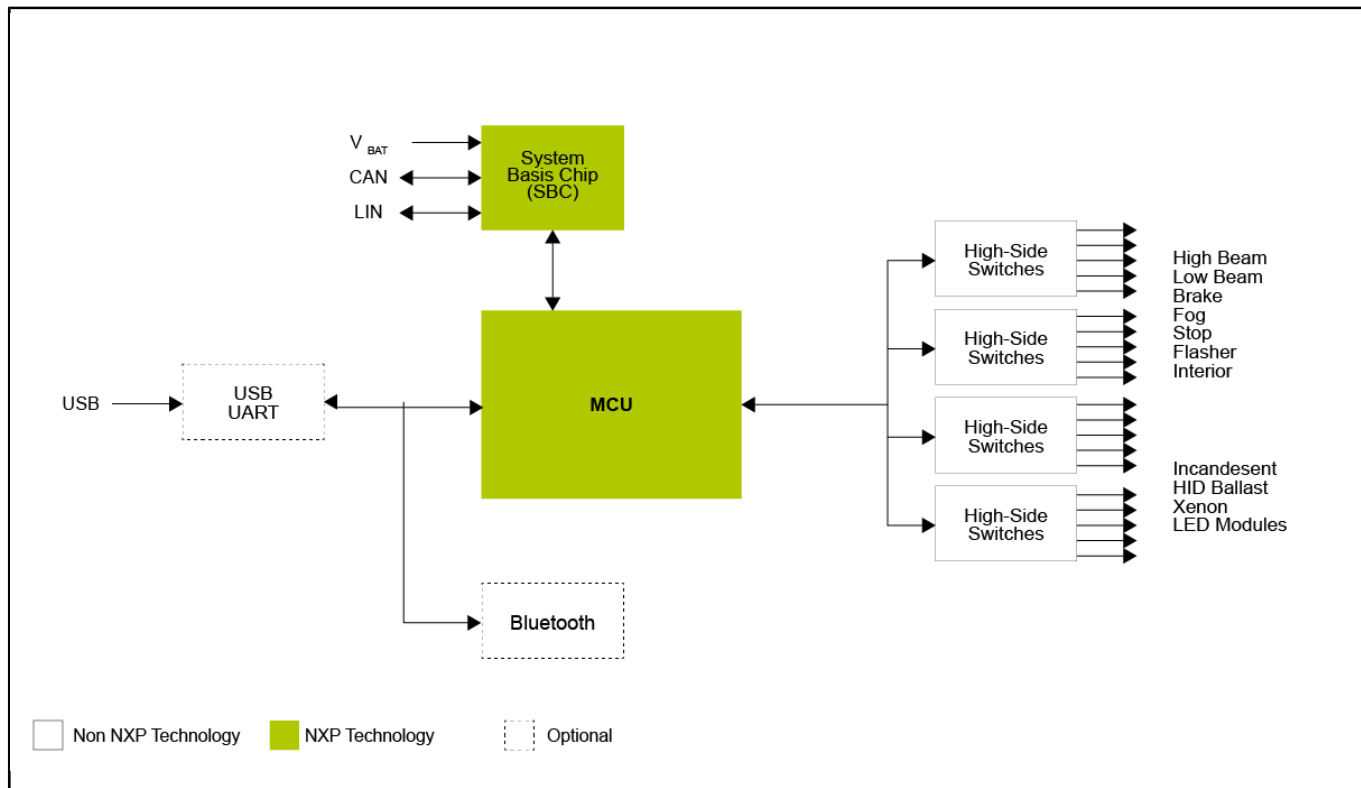
# S12G Gen4 Lighting

## KIT12XS6EVM

Last Updated: Jul 12, 2024

This kit is a control board that allows driving up to 20 separated loads with four integrated smart high-side switches. It can be associated with a large panel of bulbs types thanks to the device configuration and flexibility (incandescent, LED, HID ballast). These four daisy-chained smart power switches are controlled by an S12G MCU associated with the MC33903 System Basis Chip.

## Gen4 Lighting Block Diagram



View additional information for [S12G Gen4 Lighting](#).

**Note:** The information on this document is subject to change without notice.

**www.nxp.com**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.