



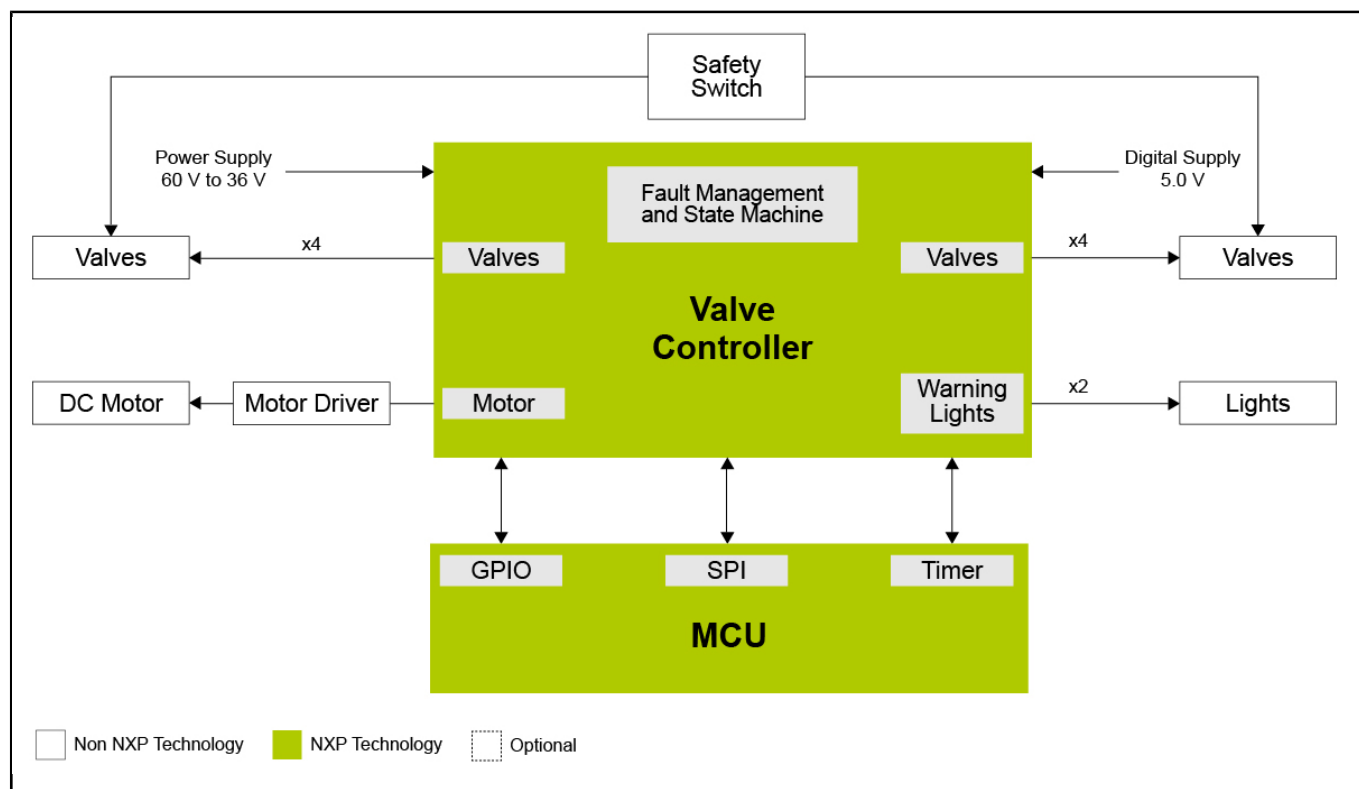
# K Series Hydraulic/Pneumatic Valve Controller System

## VALVE-CONTROLLER-SYSTEM

Last Updated: Feb 27, 2025

This valve controller system uses the SB0800 octal valve controller IC with an MCU and two power MOSFETs. The system can drive proportional and digital valves, as well as the system pump. Monitoring and protection features protect the system from hazardous events such as short circuit, over current or voltage and other abnormal conditions.

## Hydraulic/Pneumatic Valves Block Diagram



View additional information for [K Series Hydraulic/Pneumatic Valve Controller System](#).

**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.