



# Safety System Basis Chip (SBC) Family with Power Management, CAN and LIN

## FS23

Last Updated: May 29, 2024

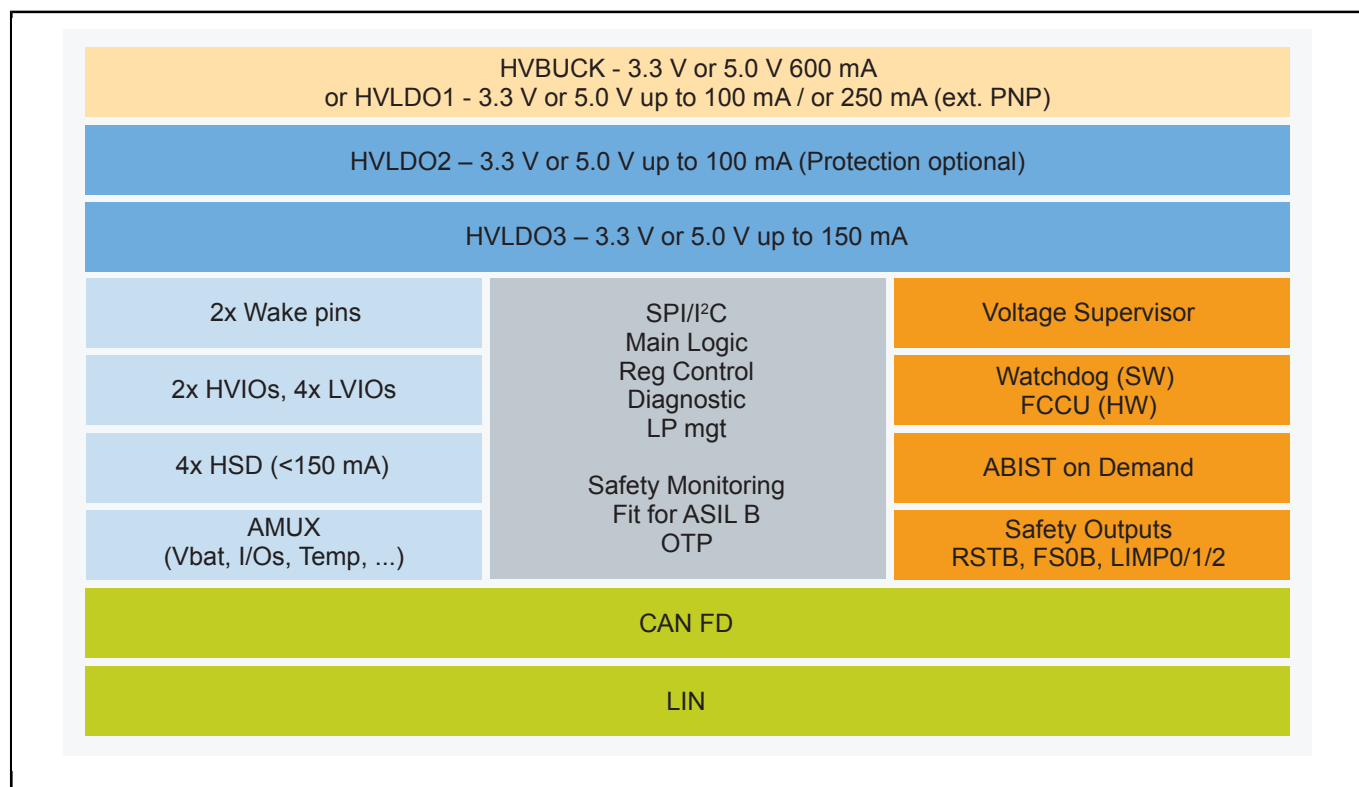
The FS23 system basis chip (SBC) offers an expandable family of devices which is pin-to-pin and software compatible. It is scalable from LDO version to DC-DC version as well as from QM to ASIL B. The FS23 SBC includes CAN and LIN transceivers along with a number of system features commonly found in the latest generation of automotive electronic control units (ECUs).

The FS23 SBC is system-added value, offering a high level of integration in order to optimize the bill of material (BOM) cost for the body and comfort market.

The device is suitable for S32K processor-based applications, as well as multi-vendor processors, thanks to its high level of flexibility.

FS23 silicon and enablement (documentation, software and boards) are available for select customers (NDA required). Please contact your local NXP sales representative for more information.

## FS23 Block Diagram



View additional information for [Safety System Basis Chip \(SBC\) Family with Power Management, CAN and LIN](#).

**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. © 2024 NXP B.V.