



# 降压/升压高速**CAN/LIN**系统基础芯片

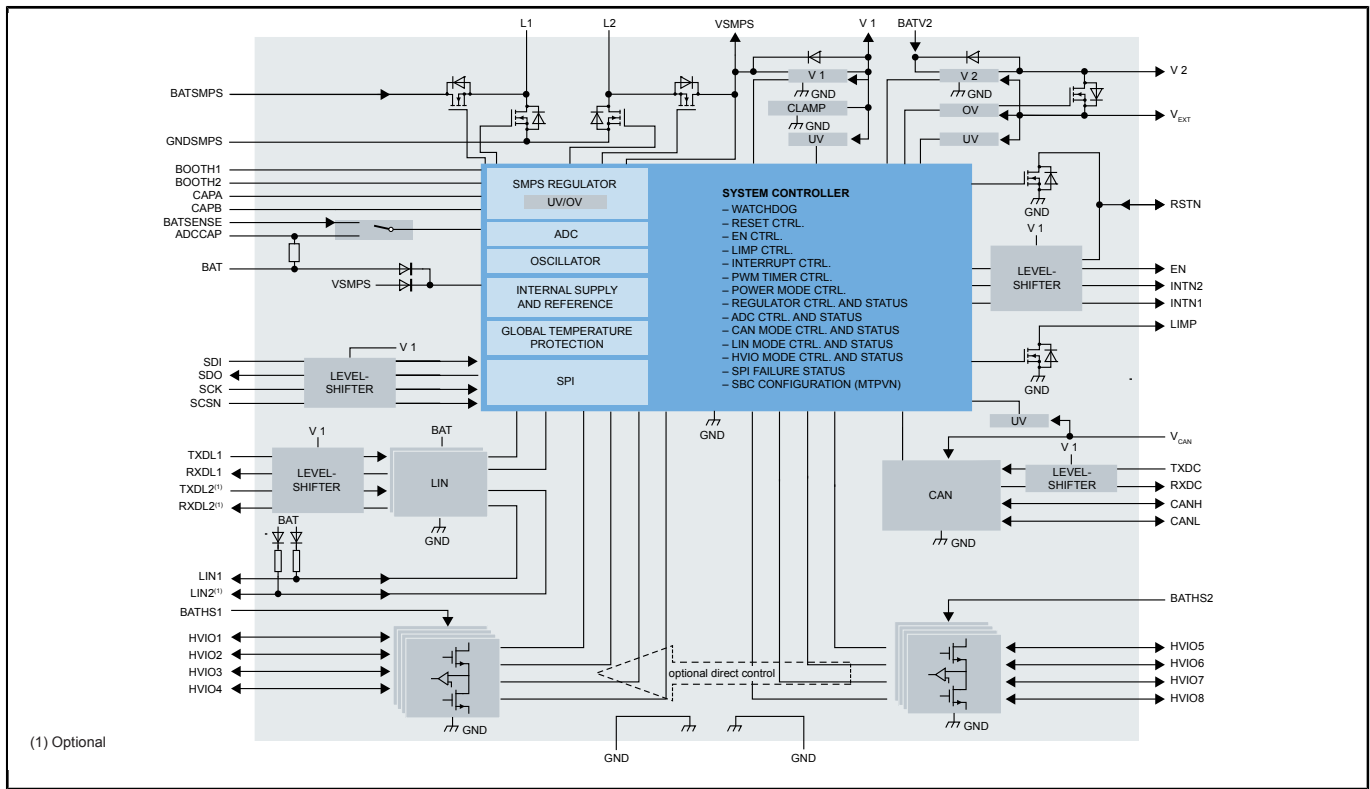
## **UJA113xA**

Last Updated: Jun 17, 2024

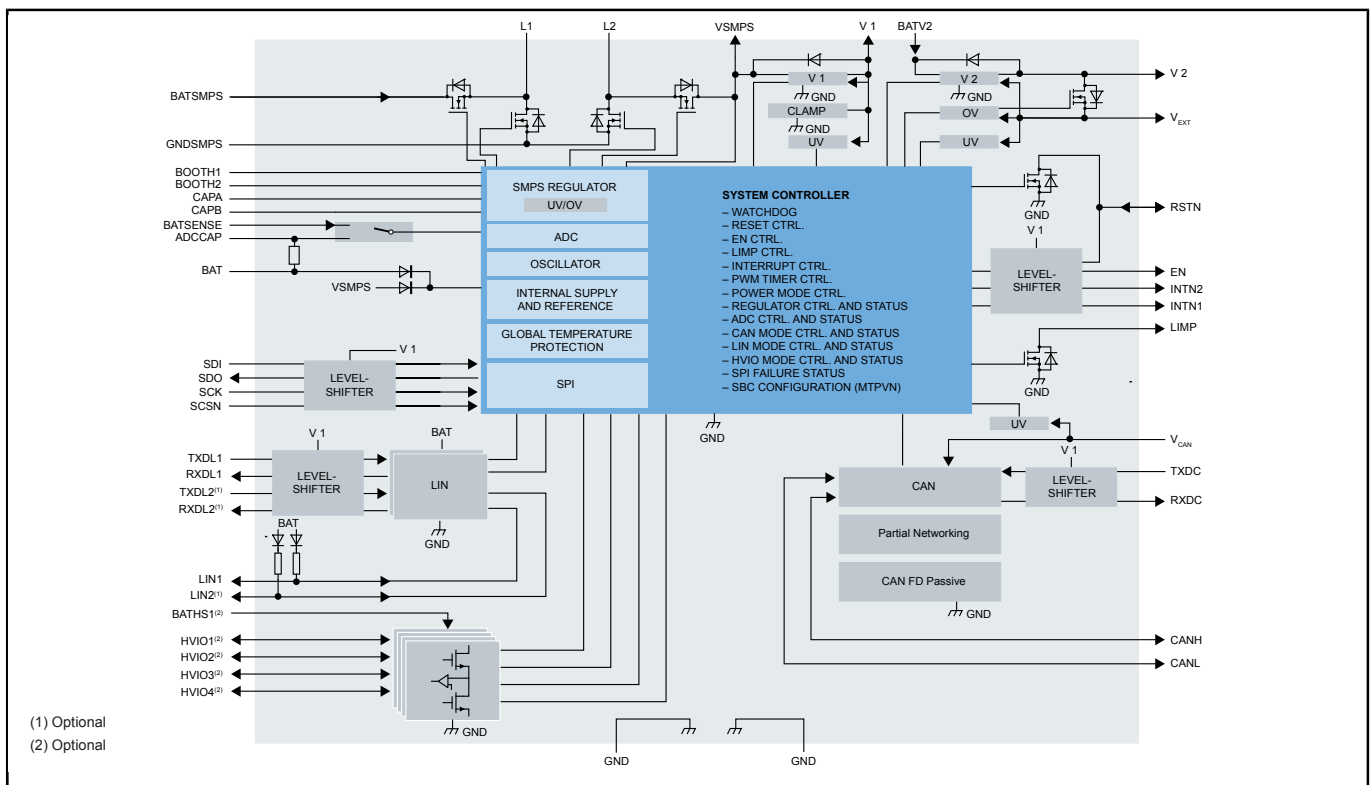
UJA113xA系统基础芯片(SBC)包含完全集成的自动SMPS降压-升压转换器、高速CAN收发器、两个LIN收发器，以及典型的汽车电子控制单元(ECU)中常见的许多功能。它直接与CAN和LIN总线连接，为微控制器供电，处理输入和输出信号，并支持故障安全功能，包括通过非易失性存储器配置的看门狗和高级“跛脚回家”功能。

UJA113xA实现了ISO11898-2:2016标准中定义的高速CAN物理层，包含额外的时序参数，定义了高达5Mbit/s的CAN FD通信的环路延迟对称性。UJA113xAHW/xFx型号支持符合ISO11898-2:2016的CAN局部联网，并具有包含CAN FD无源协议的选择性唤醒功能。

# UJA113xAHW/x Block Diagram



# UJA113xAHW/xFx Block Diagram



View additional information for [降压/升压高速CAN/LIN系统基础芯片](#).

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

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