



# 面向多合一电气化应用的**DC/DC LV**评估板

## **XIN1-DC-DC-LV**

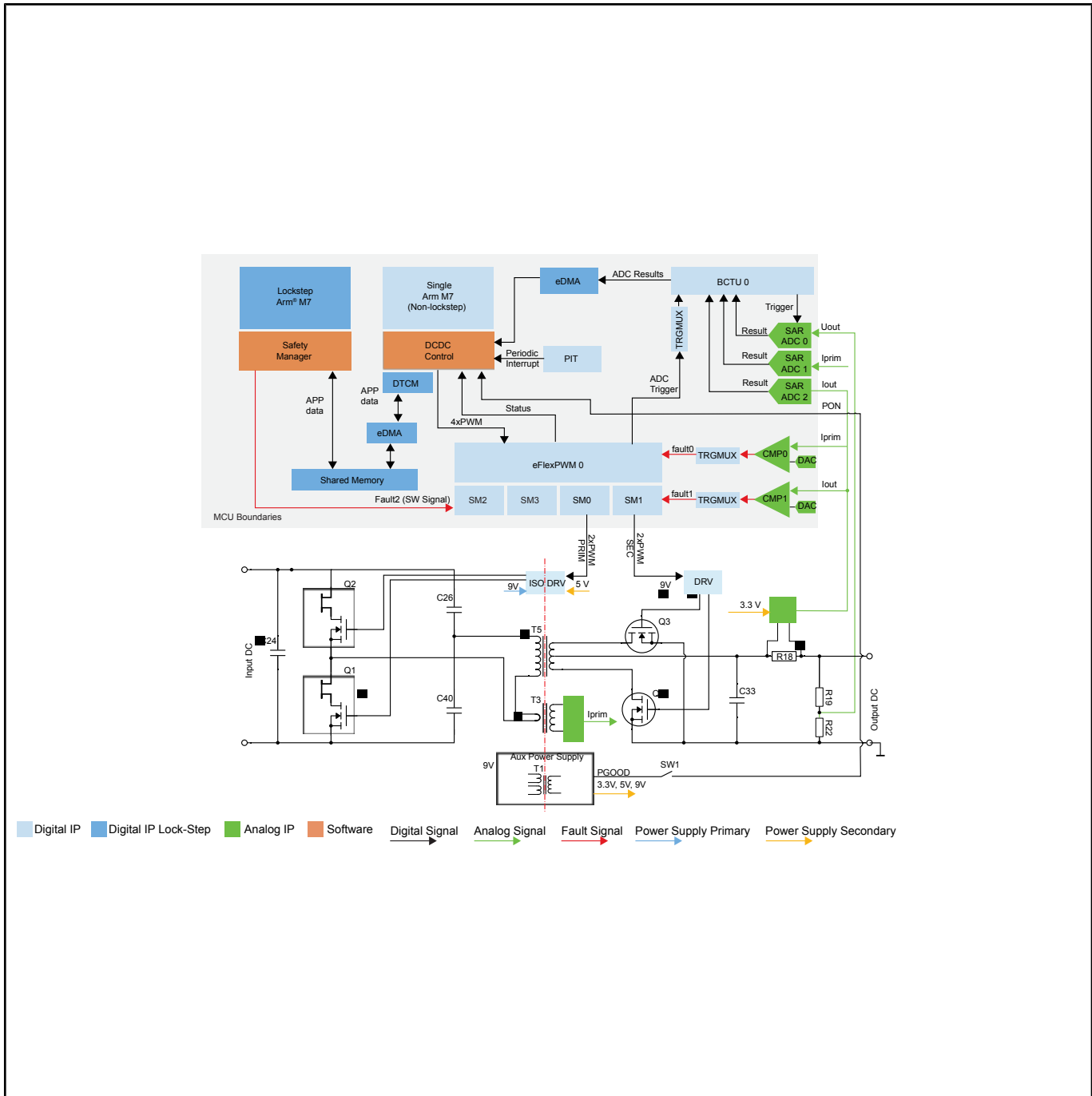
### **Preproduction**

本页介绍的产品处于样品阶段。此处的产品技术规格和信息如有变更，恕不另行通知。如需了解更多信息和样品供货情况，请联系恩智浦 支持服务或恩智浦当地销售人员。

Last Updated: Apr 21, 2026

XIN1-DC-DC-LV应用板是多合一开发平台的组成部分，采用可扩展且支持评估的模块化硬件架构，将可配置的主板与其他应用专用扩展板相结合。该板基于LLC全数字谐振半桥转换器拓扑结构。在初级侧，该板采用半桥配置的氮化镓低损耗开关；在次级侧则采用双MOSFET中心抽头数字控制同步整流器。XIN1-DC-DC-LV应用板由配备S32K39或S32K5 MCU系列的主板控制。

# DC/DC LV评估板 Block Diagram



View additional information for [面向多合一电气化应用的DC/DC LV评估板](#).

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

**[www.nxp.com](http://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. © 2026 NXP B.V.