S32K396多合一应用评估主板

XIN1-MB-S32X

Preproduction

本页面包含试生产产品的信息。页面中的规格和信息如有更改，恕不另行通知。如需更多信息，请联系销售代表。

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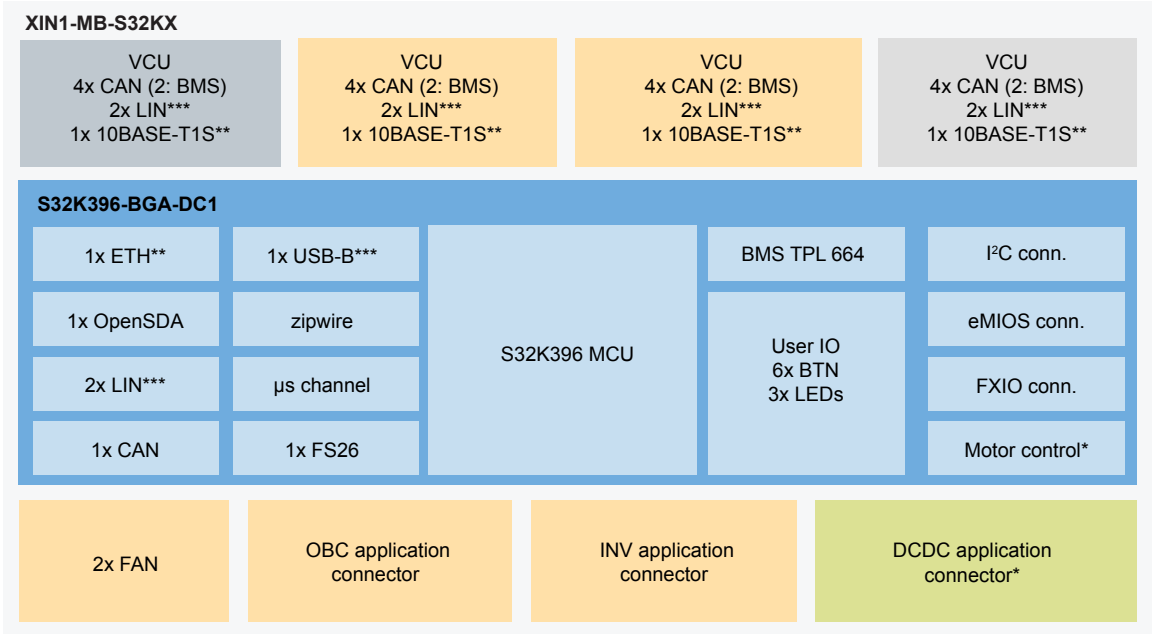
XIN1-S32X-MB是一款通用主板，旨在将S32K396 MCU与多种模拟执行板和应用板相连。这种模块化设计方法支持在动力总成、充电及能源管理等领域，针对多种多合一汽车应用场景进行快速原型设计与评估。

XIN1-MB-S32Kx是多合一系统中所用MCU与各类应用之间的接口板。该板作为MCU子卡(DC)的主板(MB)。此主板主要针对S32K396-BGA-DC1 DC而打造。该DC上集成了S32K396 MCU。基于S32E2和S32Z2的MCU EVB板可与此主板机械适配，具体型号包括：S32E288-975EVB、S32Z280-594EVB和S32Z280-400EVB。

S32K396 Evaluation Motherboard Block Diagram



*Either the Motor control connector (PCIeX4) on the DC or the 68-pins connector on the MB can be used for the DC-DC application. The connector on the DC can also be used as a second inverter connector. It is advised to connect the DC-DC application to the MB via the connector on the MB (J1). To connect to the DC-DC application board, use the M55-806842-0150A cable.

**The ethernet peripheral on the DC is the same ethernet peripheral on the MB and soldering is needed on the DC to be able to use them.

***LIN2 (UART2) on the MB is the same UART as the USB-B UART and LIN3 (UART3) on the MB is the same LIN as LIN1 (UART3) on the DC. If the 2 LINs of the MB need to be used, place R187 to R193 on the DC, remove R571 and R572 on the DC and place the 4 LIN jumpers (J90 1-2 and 3-4 and J92 1-2 and 3-4).

View additional information for S32K396多合一应用评估主板.

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

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